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 This issue contains documents officially
 filed not later than September 23, 1981.

CITATION

Cite all material in the Washington State Register by its issue number and sequence within that issue, preceded by the acronym WSR. Example: The 37th item in the August 5, 1981, Register would be cited as WSR 81-15-37.

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CERTIFICATE

Pursuant to RCW 34.08.040, the publication of rules or other information in this issue of the Washington State Register is hereby certified to be a true and correct copy of such rules or other information, except that headings of public meeting notices have been edited for uniformity of style.

DENNIS W. COOPER
Code Reviser

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STYLE AND FORMAT OF THE WASHINGTON STATE REGISTER

1. ARRANGEMENT OF THE REGISTER

Documents are arranged within each issue of the Register according to the order in which they are filed in the code reviser's office during the pertinent filing period. The three part number in the heading distinctively identifies each document, and the last part of the number indicates the filing sequence within an issue's material.

2. PROPOSED, ADOPTED, AND EMERGENCY RULES OF STATE AGENCIES AND INSTITUTIONS OF HIGHER EDUCATION

The three types of rule-making actions taken under the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW) may be distinguished by the size and style of type in which they appear.

- (a) **Proposed rules** are those rules pending permanent adoption by an agency and set forth in eight point type.
- (b) **Adopted rules** have been permanently adopted and are set forth in ten point type.
- (c) **Emergency rules** *have been adopted on an emergency basis and are set forth in ten point oblique type.*

3. PRINTING STYLE—INDICATION OF NEW OR DELETED MATTER

RCW 34.04.058 requires the use of certain marks to indicate amendments to existing agency rules. This style quickly and graphically portrays the current changes to existing rules as follows:

- (a) In amendatory sections—
 - (i) underlined matter is new matter;
 - (ii) deleted matter is (~~lined out and bracketed between double parentheses~~);
- (b) Complete new sections are prefaced by the heading NEW SECTION;
- (c) The repeal of an entire section is shown by listing its WAC section number and caption under the heading REPEALER.

4. EXECUTIVE ORDERS, COURT RULES, NOTICES OF PUBLIC MEETINGS

Material contained in the Register other than rule-making actions taken under the APA or the HEAPA does not necessarily conform to the style and format conventions described above. The headings of these other types of material have been edited for uniformity of style; otherwise the items are shown as nearly as possible in the form submitted to the code reviser's office.

5. EFFECTIVE DATE OF RULES

- (a) Permanently adopted agency rules take effect thirty days after the rules and the agency order adopting them are filed with the code reviser. This effective date may be delayed, but not advanced, and a delayed effective date will be noted in the promulgation statement preceding the text of the rule.
- (b) Emergency rules take effect upon filing with the code reviser and remain effective for a maximum of ninety days from that date.
- (c) Rules of the state Supreme Court generally contain an effective date clause in the order adopting the rules.

6. EDITORIAL CORRECTIONS

Material inserted by the code reviser for purposes of clarification or correction or to show the source or history of a document is enclosed in brackets [].

7. INDEX AND TABLES

A combined subject matter and agency index and a table of WAC sections affected may be found at the end of each issue.

1981

DATES FOR REGISTER CLOSING, DISTRIBUTION, AND FIRST AGENCY ACTION

Issue No.	Distribution Date	First Agency Action Date ²	Closing Dates ¹		
			OTS ³ OR 10 pages maximum (14 days)	Non-OTS and 11 to 29 pages (28 days)	Non-OTS and 30 pages or more (42 days)
81-01	Jan 7, 1981	Jan 27	Dec 24, 1980	Dec 10	Nov 26
81-02	Jan 21	Feb 10	Jan 7	Dec 24, 1980	Dec 10
81-03	Feb 4	Feb 24	Jan 21	Jan 7	Dec 24, 1980
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81-24	Dec 16	Jan 5, 1982	Dec 2	Nov 18	Nov 4

¹All documents are due at the Code Reviser's Office by 5:00 p.m. on the applicable closing date for inclusion in a particular issue of the Register; see WAC 1-12-035 or 1-13-035.

²"No proceeding shall be held on any rule until twenty days have passed from the distribution date of the register in which notice thereof was contained." RCW 28B.19.030(2) and 34.04.025(2). These dates represent the twentieth day after the distribution date of the immediate preceding Register.

³OTS is the acronym used for the Order Typing Service offered by the Code Reviser's Office which is briefly explained in WAC 1-12-220 and WAC 1-13-240.

Call May June 3-6381

WSR 81-18-029
ADOPTED RULES
DEPARTMENT OF
LABOR AND INDUSTRIES
 [Order 81-21—Filed August 27, 1981]

and 81-16-05 7/27/81

Reviser's Note: A printing error caused incorrect material to be displayed in WSR 81-18-029 as published in the 81-18 edition of the State Register. It is therefore set forth in full below in its correct form as filed in the office of the Code Reviser on August 27, 1981.

I, Sam Kinville, director of the Department of Labor and Industries, do promulgate and adopt at the Director's Office, Olympia, Washington, the annexed rules relating to new sections WAC 296-62-052 through 296-62-05223, Access to Employee Exposure and Medical Records, identical to the Federal Standard 29 CFR 1910.20; WAC 296-62-146 through 296-62-14605, Appendices, implements the mandatory appendices to the Cotton Dust Standard. This is identical to the Federal regulation 29 CFR 1910.1046; and WAC 296-78-500 through 296-78-84011, Safety Standards for Sawmills and Woodworking Operations; amending chapter 296-37 WAC, Commercial Diving Operations; to reflect Federal recordkeeping requirements, 29 CFR 1910.44; and chapter 296-62 WAC, General Occupational Health to reflect Subpart Z of the Federal recordkeeping requirements.

This action is taken pursuant to Notice Nos. WSR 81-13-026 and 81-13-027 filed with the code reviser on June 12, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 49.17.040, 49.17.050 and 49.17.240 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED August 27, 1981.

By Sam Kinville
 Director

REPEALER

The following sections of the Washington Administrative Code are each repealed:

- (1) WAC 296-78-005 Forward.
- (2) WAC 296-78-007 Definitions Applicable to this Chapter.
- (3) WAC 296-78-030 Construction and Isolated Equipment.
- (4) WAC 296-78-035 Mechanical, Steam and Electrical Equipment—General Provisions.
- (5) WAC 296-78-040 Boiler and Pressure Vessels.
- (6) WAC 296-78-045 Electrical Service and Equipment.
- (7) WAC 296-78-170 Elevators, Moving Walks and Other Lifting Devices.

- (8) WAC 296-78-180 Transportation—Lumber Handling Equipment—Cranes—Construction.
- (9) WAC 296-78-185 Electrical Equipment.
- (10) WAC 296-78-190 Chains, Wire Rope, Cables and Fiber Rope.
- (11) WAC 296-78-195 Floor Operated Cranes.
- (12) WAC 296-78-200 Operators.
- (13) WAC 296-78-205 Signalmen.
- (14) WAC 296-78-210 Repairmen.
- (15) WAC 296-78-215 Construction Requirements.
- (16) WAC 296-78-220 Crane Platforms and Footwalks.
- (17) WAC 296-78-225 Crane Cages.
- (18) WAC 296-78-230 Crane Rail Stops, Bumpers and Fenders.
- (19) WAC 296-78-235 Crawler Locomotive and Truck Cranes.
- (20) WAC 296-78-240 Construction, Operation and Maintenance—Chain and Electric Hoists.
- (21) WAC 296-78-245 Monorail Hoists.
- (22) WAC 296-78-250 Air Hoists.
- (23) WAC 296-78-255 Jib, Pillar, and Portable Floor Cranes, Crabs, and Winches.
- (24) WAC 296-78-260 Standard crane hand signals—Illustration.
- (25) WAC 296-78-265 Vehicles.
- (26) WAC 296-78-270 Loading, Piling, Storage and Conveying.
- (27) WAC 296-78-275 Log Dumps and Ponds—Headmills.
- (28) WAC 296-78-280 Band Saws—Saws.
- (29) WAC 296-78-285 Circular Saws.
- (30) WAC 296-78-290 Edgers.
- (31) WAC 296-78-295 Equalizer Saws.
- (32) WAC 296-78-300 Gang Saws and Re-Saws.
- (33) WAC 296-78-305 Jump Saws.
- (34) WAC 296-78-315 Trimmer and Slasher Saws.
- (35) WAC 296-78-320 Barrel Stave Saws.
- (36) WAC 296-78-325 Swing Saws.
- (37) WAC 296-78-330 Table Saws.
- (38) WAC 296-78-335 Circular Saws, Speeds, Repairs.
- (39) WAC 296-78-340 Saw Filing and Grinding Rooms and Equipment.
- (40) WAC 296-78-345 Miscellaneous Woodworking Machines—Planers, Stickers, Molders, and Matchers.
- (41) WAC 296-78-350 Planers (Stave and Heading).
- (42) WAC 296-78-355 Stave Croziers.
- (43) WAC 296-78-360 Jointers.
- (44) WAC 296-78-365 Jointers (Stave and Heading).
- (45) WAC 296-78-375 Wood Shapers.
- (46) WAC 296-78-380 Boring and Mortising Machines.

- (47) WAC 296-78-385 Tenoning Machines.
 (48) WAC 296-78-390 Lathe (Pail and Barrel).
 (49) WAC 296-78-395 Sanding Machines.
 (50) WAC 296-78-400 Glue Machines.
 (51) WAC 296-78-405 Lath Mills.
 (52) WAC 296-78-410 Veneer and Plywood
 Plants—Peeling and
 Barking.
 (53) WAC 296-78-415 Veneer Lathe.
 (54) WAC 296-78-420 Veneer Slicer and Cutter.
 (55) WAC 296-78-425 Veneer Clipper.
 (56) WAC 296-78-430 Veneer Wringer (Swede).
 (57) WAC 296-78-450 The Shake and Shingle
 Industry.

AMENDATORY SECTION (Amending Order 78-18,
 filed 10/2/78)

WAC 296-37-575 **RECORDKEEPING RE-
 REQUIREMENTS.** (1) Recording and reporting. (a) The
 employer shall record and report occupational injuries
 and illnesses in accordance with requirements of chap-
 ters 296-27 and 296-350 WAC.

(b) The employer shall record the occurrence of any
 diving-related injury or illness which requires any dive
 team member to be hospitalized for 24 hours or more,
 specifying the circumstances of the incident and the ex-
 tent of any injuries or illnesses.

(2) Availability of records. (a) Upon the request of
 the Director of the Department of Labor and Industries
 or his duly authorized designees, the employer shall
 make available for inspection and copying any record or
 document required by this standard.

NOTE: Requests for information or copies of
 records and reports by OSHA or
 NIOSH shall be made to the Director
 of the Department of Labor and
 Industries.

(b) (~~Upon request of any employee, former employee
 or authorized representative, the employer shall make
 available for inspection and copying any record or docu-
 ment required by this standard which pertains to the in-
 dividual employee or former employee~~) Records and
 documents required by this standard shall be provided
 upon request to employees, designated representatives,
 and the assistant director in accordance with WAC 296-
 62-05201 through 296-62-05209 and 296-62-05213
 through 296-62-05217. Safe practices manuals, depth-
 time profiles, recording of dives, decompression proce-
 dure assessment evaluations, and records of hospitaliza-
 tions shall be provided in the same manner as employee
 exposure records or analyses using exposure or medical
 records. Equipment inspections and testing records
 which pertain to employees shall also be provided upon
 request to employees and their designated
 representatives.

(c) Records and documents required by this standard
 shall be retained by the employer for the following
 period:

(i) Dive team member medical records (physician's
 reports) (WAC 296-37-525) – five years;

(ii) Safe practices manual (WAC 296-37-530) – cur-
 rent document only;

(iii) Depth-time profile (WAC 296-37-540) – until
 completion of the recording of dive, or until completion
 of decompression procedure assessment where there has
 been an incident of decompression sickness;

(iv) Recording dive (WAC 296-37-545) one year,
 except five years where there has been an incident of
 decompression sickness;

(v) Decompression procedure assessment evaluations
 (WAC 296-37-545) – five years;

(vi) Equipment inspections and testing records (WAC
 296-37-570) – current entry or tag, or until equipment
 is withdrawn from service;

(vii) Records of hospitalizations (WAC 296-37-575)
 – five years.

(d) After the expiration of the retention period of any
 record required to be kept for five years, the employer
 shall forward such records to the National Institute for
 Occupational Safety and Health, Department of
 Health(~~(, Education, and Welfare)~~) and Human Ser-
 vices. The employer shall also comply with any addi-
 tional requirements set forth in WAC 296-62-05215.

(e) In the event the employer ceases to do business:

(i) The successor employer shall receive and retain all
 dive and employee medical records required by this
 standard; or

(ii) If there is no successor employer, dive and em-
 ployee medical records shall be forwarded to the Na-
 tional Institute for Occupational Safety and Health,
 Department of Health(~~(, Education, and Welfare)~~) and
 Human Services.

NEW SECTION

WAC 296-62-052 **ACCESS TO EMPLOYEE
 EXPOSURE AND MEDICAL RECORDS.** This
 standard establishes rights of access to the information
 by employees and designated representatives, while at
 the same time affording appropriate privacy and confi-
 dentiality protection.

NEW SECTION

WAC 296-62-05201 **PURPOSE.** The purpose of
 this section is to provide employees and their designated
 representatives a right of access to relevant exposure and
 medical records, and to provide representatives of the
 Director of Labor and Industries a right of access to
 these records. Access by employees, their representa-
 tives, and the Director of Labor and Industries is neces-
 sary to yield both direct and indirect improvements in
 the detection, treatment and prevention of occupational
 disease. Each employer is responsible for assuring com-
 pliance with this section, but the activities involved in
 complying with the access to medical records provisions
 can be carried out, on behalf of the employer, by the
 physician or other health care personnel in charge of
 employee medical records. Except as expressly provided,
 nothing in this section is intended to affect existing legal
 and ethical obligations concerning the maintenance and
 confidentiality of employee medical information, the
 duty to disclose information to a patient/employee or

any other aspect of the medical-care relationship, or affect existing legal obligations concerning the protection of trade secret information.

NEW SECTION

WAC 296-62-05203 SCOPE AND APPLICATION. (1) This section applies to every employer, except as provided in subsection (4) of this section, who makes, maintains, contracts for, or has access to employee exposure or medical records, or analyses thereof, pertaining to employees exposed to toxic substances or harmful physical agents.

(2) This section applies to all employee exposure and medical records, and analyses thereof, of employees exposed to toxic substances or harmful physical agents, whether or not the records are related to specific occupational safety and health standards.

(3) This section applies to all employee exposure and medical records, and analyses thereof, made or maintained in any manner, including on an in-house or contractual (e.g., fee-for-service) basis. Each employer shall assure that the preservation and access requirements of this section are complied with regardless of the manner in which records are made or maintained.

(4) This section does not apply to the agricultural operations covered by chapter 296-306 WAC.

NEW SECTION

WAC 296-62-05205 DEFINITIONS APPLICABLE TO THIS SECTION. (1) Access – the right and opportunity to examine and copy.

(2) Analysis using exposure or medical records – any compilation of data, or any research, statistical or other study based at least in part on information collected from individual employee exposure or medical records or information collected from health insurance claims records, provided that either the analysis has been reported to the employer or no further work is currently being done by the person responsible for preparing the analysis.

(3) Designated representative – any individual or organization to whom an employee gives written authorization to exercise a right of access. For the purposes of access to employee exposure records and analyses using exposure or medical records, a recognized or certified collective bargaining agent shall be treated automatically as a designated representative without regard to written employee authorization.

(4) Employee – a current employee, a former employee, or an employee being assigned or transferred to work where there will be exposure to toxic substances or harmful physical agents. In the case of a deceased or legally incapacitated employee, the employee's legal representative may directly exercise all the employee's rights under this section.

(5) Employee exposure record – a record containing any of the following kinds of information concerning employee exposure to toxic substances or harmful physical agents:

(a) Environmental (workplace) monitoring or measuring, including personal, area, grab, wipe, or other form

of sampling, as well as related collection and analytical methodologies, calculations, and other background data relevant to interpretation of the results obtained;

(b) Biological monitoring results which directly assess the absorption of a substance or agent by body systems (e.g., the level of a chemical in the blood, urine, breath, hair, fingernails, etc.) but not including results which assess the biological effect of a substance or agent;

(c) Material safety data sheets; or

(d) In the absence of the above, any other record which reveals the identity (e.g., chemical, common or trade name) of a toxic substance or harmful physical agent.

(6)(a) Employee medical record – a record concerning the health status of an employee which is made or maintained by a physician, nurse, or other health care personnel, or technician, including:

(i) Medical and employment questionnaires or histories (including job description and occupational exposures);

(ii) The results of medical examinations (preemployment, pre-assignment, periodic, or episodic) and laboratory tests (including x-ray examinations and all biological monitoring);

(iii) Medical opinions, diagnoses, progress notes and recommendations;

(iv) Descriptions of treatments and prescriptions; and

(v) Employee medical complaints.

(b) Employee medical record does not include the following:

(i) Physical specimens (e.g., blood or urine samples) which are routinely discarded as a part of normal medical practice, and are not required to be maintained by other legal requirements;

(ii) Records concerning health insurance claims if maintained separately from the employer's medical program and its records, and not accessible to the employer by employee name or other direct personal identifier (e.g., social security number, payroll number, etc.); or

(iii) Records concerning voluntary employee assistance programs (alcohol, drug abuse, or personal counseling programs) if maintained separately from the employer's medical program and its records.

(7) Employer – a current employer, a former employer or a successor employer.

(8) Exposure or exposed – an employee is subjected to a toxic substance or harmful physical agent in the course of employment through any route of entry (inhalation, ingestion, skin contact or absorption, etc.), and includes past exposure and potential (e.g., accidental or possible) exposure, but does not include situations where the employer can demonstrate that the toxic substance or harmful physical agent is not used, handled, stored, generated, or present in the workplace in any manner different from typical nonoccupational situations.

(9) Record – any item, collection, or grouping of information regardless of the form or process by which it is maintained (e.g., paper document, microfiche, microfilm, x-ray film, or automated data processing).

(10) Specific written consent – (a) A written authorization containing the following:

(i) The name and signature of the employee authorizing the release of medical information;

(ii) The date of the written authorization;

(iii) The name of the individual or organization that is authorized to release the medical information;

(iv) The name of the designated representative (individual or organization) that is authorized to receive the released information;

(v) A general description of the medical information that is authorized to be released;

(vi) A general description of the purpose for the release of the medical information; and

(vii) A date or condition upon which the written authorization will expire (if less than one year).

(b) A written authorization does not operate to authorize the release of medical information not in existence on the date of written authorization, unless this is expressly authorized, and does not operate for more than one year from the date of written authorization.

(c) A written authorization may be revoked in writing prospectively at any time.

(11) Toxic substance or harmful physical agent – any chemical substance, biological agent (bacteria, virus, fungus, etc.), or physical stress (noise, heat, cold, vibration, repetitive motion, ionizing and nonionizing radiation, hypo- or hyperbaric pressure, etc.) which:

(a) Is regulated by any WISHA law or rule due to a hazard to health;

(b) Is listed in the latest printed edition of the National Institute for Occupational Safety and Health (NIOSH) Registry of Toxic Effects of Chemical Substances (RTECS) (See Appendix B);

(c) Has yielded positive evidence of an acute or chronic health hazard in human, animal, or other biological testing conducted by, or known to, the employer; or

(d) Has a material safety data sheet available to the employer indicating that the material may pose a hazard to human health.

NEW SECTION

WAC 296-62-05207 PRESERVATION OF RECORDS. (1) Unless a specific occupational safety and health standard provides a different period of time, each employer shall assure the preservation and retention of records as follows:

(a) Employee medical records. Each employee medical record shall be preserved and maintained for at least the duration of employment plus thirty years, except that health insurance claims records maintained separately from the employer's medical program and its records need not be retained for any specified period;

(b) Employee exposure records. Each employee exposure record shall be preserved and maintained for at least thirty years, except that:

(i) Background data to environmental (workplace) monitoring or measuring, such as laboratory reports and worksheets, need only be retained for one year so long as the sampling results, the collection methodology (sampling plan), a description of the analytical and mathematical methods used, and a summary of other

background data relevant to interpretation of the results obtained, are retained for at least thirty years; and

(ii) Material safety data sheets and WAC 296-62-05205(5) records concerning the identity of a substance or agent need not be retained for any specified period as long as some record of the identity (chemical name if known) of the substance or agent, where it was used, and when it was used is retained for at least thirty years; and

(c) Analyses using exposure or medical records. Each analysis using exposure or medical records shall be preserved and maintained for at least thirty years.

(2) Nothing in this section is intended to mandate the form, manner, or process by which an employer preserves a record so long as the information contained in the record is preserved and retrievable, except that x-ray films shall be preserved in their original state.

NEW SECTION

WAC 296-62-05209 ACCESS TO RECORDS.

(1) General.

(a) Whenever an employee or designated representative requests access to a record, the employer shall assure that access is provided in a reasonable time, place and manner, but in no event later than fifteen days after the request for access is made.

(b) Whenever an employee or designated representative requests a copy of a record, the employer shall, within the period of time previously specified, assure that either:

(i) A copy of the record is provided without cost to the employee or representative;

(ii) The necessary mechanical copying facilities (e.g., photocopying) are made available without cost to the employee or representative for copying the record; or

(iii) The record is loaned to the employee or representative for a reasonable time to enable a copy to be made.

(c) Whenever a record has been previously provided without cost to an employee or designated representative, the employer may charge reasonable, nondiscriminatory administrative costs (i.e., search and copying expenses but not including overhead expenses) for a request by the employee or designated representative for additional copies of the record, except that:

(i) An employer shall not charge for an initial request for a copy of new information that has been added to a record which was previously provided; and

(ii) An employer shall not charge for an initial request by a recognized or certified collective bargaining agent for a copy of an employee exposure record or an analysis using exposure or medical records.

(d) Nothing in this section is intended to preclude employees and collective bargaining agents from collectively bargaining to obtain access to information in addition to that available under this section.

(2) Employee and designated representative access.

(a) Employee exposure records. Each employer shall, upon request, assure the access of each employee and designated representative to employee exposure records relevant to the employee. For the purpose of this section, exposure records relevant to the employee consist of:

(i) Records of the employee's past or present exposure to toxic substances or harmful physical agents;

(ii) Exposure records of other employees with past or present job duties or working conditions related to or similar to those of the employee;

(iii) Records containing exposure information concerning the employee's workplace or working conditions; and

(iv) Exposure records pertaining to workplaces or working conditions to which the employee is being assigned or transferred.

(b) Employee medical records.

(i) Each employer shall, upon request, assure the access of each employee to employee medical records of which the employee is the subject, except as provided in subdivision (2)(b)(iv) of this section.

(ii) Each employer shall, upon request, assure the access of each designated representative to the employee medical records of any employee who has given the designated representative specific written consent. Appendix A to this section contains a sample form which may be used to establish specific written consent for access to employee medical records.

(iii) Whenever access to employee medical records is requested, a physician representing the employer may recommend that the employee or designated representative:

(A) Consult with the physician for the purposes of reviewing and discussing the records requested;

(B) Accept a summary of material facts and opinions in lieu of the records requested; or

(C) Accept release of the requested records only to a physician or other designated representative.

(iv) Whenever an employee requests access to his or her employee medical records, and a physician representing the employer believes that direct employee access to information contained in the records regarding a specific diagnosis of a terminal illness or a psychiatric condition could be detrimental to the employee's health, the employer may inform the employee that access will only be provided to a designated representative of the employee having specific written consent, and deny the employee's request for direct access to this information only. Where a designated representative with specific written consent requests access to information so withheld, the employer shall assure the access of the designated representative to this information, even when it is known that the designated representative will give the information to the employee.

(v) Nothing in this section precludes a physician, nurse, or other responsible health care personnel maintaining employee medical records from deleting from requested medical records the identity of a family member, personal friend, or fellow employee who has provided confidential information concerning an employee's health status.

(c) Analyses using exposure or medical records.

(i) Each employer shall, upon request, assure the access of each employee and designated representative to each analysis using exposure or medical records concerning the employee's working conditions or workplace.

(ii) Whenever access is requested to an analysis which reports the contents of employee medical records by either direct identifier (name, address, social security number, payroll number, etc.) or by information which could reasonably be used under the circumstances indirectly to identify specific employees (exact age, height, weight, race, sex, date of initial employment, job title, etc.) the employer shall assure that personal identifiers are removed before access is provided. If the employer can demonstrate that removal of personal identifiers from an analysis is not feasible, access to the personally identifiable portions of the analysis need not be provided.

NEW SECTION

WAC 296-62-05211 TRADE SECRETS. (1) Except as provided in subsection (2) of this section, nothing in this section precludes an employer from deleting from records requested by an employee or designated representative any trade secret data which discloses manufacturing processes, or discloses the percentage of a chemical substance in a mixture, as long as the employee or designated representative is notified that information has been deleted. Whenever deletion of trade secret information substantially impairs evaluation of the place where or the time when exposure to a toxic substance or harmful physical agent occurred, the employer shall provide alternative information which is sufficient to permit the employee to identify where and when exposure occurred.

(2) Notwithstanding any trade secret claims, whenever access to records is requested, the employer shall provide access to chemical or physical agent identities including chemical names, levels of exposure, and employee health status data contained in the requested records.

(3) Whenever trade secret information is provided to an employee or designated representative, the employer may require, as a condition of access, that the employee or designated representative agree in writing not to use the trade secret information for the purpose of commercial gain and not to permit misuse of the trade secret information by a competitor or potential competitor of the employer.

NEW SECTION

WAC 296-62-05213 EMPLOYEE INFORMATION. (1) Upon an employee's first entering into employment, and at least annually thereafter, each employer shall inform employees exposed to toxic substances or harmful physical agents of the following:

(a) The existence, location and availability of any records covered by this section;

(b) The person responsible for maintaining and providing access to records; and

(c) Each employee's rights of access to these records.

(2) Each employer shall make readily available to employees a copy of this standard and its appendices,

and shall distribute to employees any informational materials concerning this standard which are made available to the employer by the Department of Labor and Industries, Technical Services.

NEW SECTION

WAC 296-62-05215 TRANSFER OF RECORDS. (1) Whenever an employer is ceasing to do business, the employer shall transfer all records subject to this section to the successor employer. The successor employer shall receive and maintain these records.

(2) Whenever an employer is ceasing to do business and there is no successor employer to receive and maintain the records subject to this standard, the employer shall notify affected employees of their rights of access to records at least three months prior to the cessation of the employer's business.

(3) Whenever an employer either is ceasing to do business and there is no successor employer to receive and maintain the records, or intends to dispose of any records required to be preserved for at least thirty years, the employer shall:

(a) Transfer the records to the Director of the Department of Labor and Industries if so required by a specific occupational safety and health standard; or

(b) Notify the Director of the Department of Labor and Industries in writing of the impending disposal of records at least three months prior to the disposal of the records.

(4) Where an employer regularly disposes of records required to be preserved for at least thirty years, the employer may, with at least three months notice, notify the Director of the Department of Labor and Industries on an annual basis of the records intended to be disposed of in the coming year.

NEW SECTION

WAC 296-62-05217 APPENDICES. The information contained in the appendices to this section is not intended, by itself, to create any additional obligations not otherwise imposed by this section nor detract from any existing obligation. Copies of these appendices can be obtained from the following address:

Department of Labor and Industries
Division of Industrial Safety & Health
Technical Services Section
P.O. Box 207
Olympia, Washington 98504

NEW SECTION

WAC 296-62-05219 EFFECTIVE DATE. WAC 296-62-052 through 296-62-05219 shall become effective thirty days after filing with the Code Reviser. All obligations of this section commence on the effective date except that the employer shall provide the information required under WAC 296-62-05213(1) to all current employees within sixty days after the effective date.

NEW SECTION

WAC 296-62-05221 APPENDIX A - Sample Authorization Letter for the Release of Employee Medical Record Information to a Designated Representative.

I, _____ (full name of worker/patient) hereby authorize _____ (individual or organization holding the medical records) to release to _____ (individual or organization authorized to receive the medical information), the following medical information from my personal medical records:

(Describe generally the information desired to be released.)

I give my permission for this medical information to be used for the following purpose: _____, but I do not give permission for any other use or re-disclosure of this information.

(NOTE: Several extra lines are provided below so that you can place additional restrictions on this authorization letter if you want to. You may, however, leave these lines blank. On the other hand, you may want to (1) specify a particular expiration date for this letter (if less than one year); (2) describe medical information to be created in the future that you intend to be covered by this authorization letter; or (3) describe portions of the medical information in your records which you do not intend to be released as a result of this letter.)

Full name of Employee or Legal Representative

Signature of Employee or Legal Representative

Date of Signature

NEW SECTION

WAC 296-62-05223 APPENDIX B - Availability of NIOSH Registry of Toxic Effects of Chemical Substances (RTECS).

WAC 296-62-052 applies to all employee exposure and medical records, and analyses thereof, of employees exposed to toxic substances or harmful physical agents (WAC 296-62-05203). The term "toxic substance or harmful physical agent" is defined by WAC 296-62-05205(11) to encompass chemical substances, biological agents, and physical stresses for which there is evidence of harmful health effects. The standard uses the latest printed edition of the National Institute for Occupational Safety and Health (NIOSH) Registry of Toxic Effects of Chemical Substances (RTECS) as one of the chief sources of information as to whether evidence of harmful health effects exists. If a substance is listed in

the latest printed RTECS, the standard applies to exposure and medical records (and analyses of these records) relevant to employees exposed to the substance.

It is appropriate to note that the final standard does not require that employers purchase a copy of RTECS, and many employers need not consult RTECS to ascertain whether their employee exposure or medical records are subject to the standard. Employers who do not currently have the latest printed edition of the NIOSH RTECS, however, may desire to obtain a copy. The RTECS is issued in an annual printed edition as mandated by section 20(a)(6) of the Occupational Safety and Health Act (29 U.S.C. 669(a)(6)). The 1979 edition is the most recent printed edition as of July 1, 1981.

The RTECS may be purchased from the Superintendent of Documents, U.S. Government Printing Office (GPO), Washington D.C. 20402 (202-783-3238). New editions are anticipated to be issued in the late summer of each year. Some employers may also desire to subscribe to the quarterly update to the RTECS which is published in a microfiche edition. An annual subscription to the quarterly microfiche may be purchased from the GPO (Order the "Microfiche Edition, Registry of Toxic Effects of Chemical Substances"). Both the printed edition and the microfiche edition of RTECS are available for review at many university and public libraries throughout the country. The latest RTECS editions may also be examined at any OSHA Regional or Area Office.

AMENDATORY SECTION (Amending Order 75-41, filed 12/19/75)

WAC 296-62-07329 VINYL CHLORIDE. (1) Scope and application.

(a) This section includes requirements for the control of employee exposure to vinyl chloride (chloroethene), Chemical Abstracts Service Registry No. 75014.

(b) This section applies to the manufacture, reaction, packaging, repackaging, storage, handling or use of vinyl chloride or polyvinyl chloride, but does not apply to the handling or use of fabricated products made of polyvinyl chloride.

(c) This section applies to the transportation of vinyl chloride or polyvinyl chloride except to the extent that the Department of Transportation may regulate the hazards covered by this section.

(2) Definitions.

(a) "Action level" means a concentration of vinyl chloride of 0.5 ppm averaged over an 8-hour work day.

(b) "Authorized person" means any person specifically authorized by the employer whose duties require him to enter a regulated area or any person entering such an area as a designated representative of employees for the purpose of exercising an opportunity to observe monitoring and measuring procedures.

(c) "Director" means Chief, Industrial Hygiene Section, Department of Labor and Industries.

(d) "Emergency" means any occurrence such as, but not limited to, equipment failure, or operation of a relief device which is likely to, or does, result in massive release of vinyl chloride.

(e) "Fabricated product" means a product made wholly or partly from polyvinyl chloride, and which does not require further processing at temperatures, and for times, sufficient to cause mass melting of the polyvinyl chloride resulting in the release of vinyl chloride.

(f) "Hazardous operation" means any operation, procedure, or activity where a release of either vinyl chloride liquid or gas might be expected as a consequence of the operation or because of an accident in the operation, which would result in an employee exposure in excess of the permissible exposure limit.

(g) "Polyvinyl chloride" means polyvinyl chloride homopolymer or copolymer before such is converted to a fabricated product.

(h) "Vinyl chloride" means vinyl chloride monomer.

(3) Permissible exposure limit.

(a) No employee may be exposed to vinyl chloride at concentrations greater than 1 ppm averaged over any 8-hour period, and

(b) No employee may be exposed to vinyl chloride at concentrations greater than 5 ppm averaged over any period not exceeding 15 minutes.

(c) No employee may be exposed to vinyl chloride by direct contact with liquid vinyl chloride.

(4) Monitoring.

(a) A program of initial monitoring and measurement shall be undertaken in each establishment to determine if there is any employee exposed, without regard to the use of respirators, in excess of the action level.

(b) Where a determination conducted under paragraph (4)(a) of this section shows any employee exposures without regard to the use of respirators, in excess of the action level, a program for determining exposures for each such employee shall be established. Such a program:

(i) Shall be repeated at least monthly where any employee is exposed, without regard to the use of respirators, in excess of the permissible exposure limit.

(ii) Shall be repeated not less than quarterly where any employee is exposed, without regard to the use of respirators, in excess of the action level.

(iii) May be discontinued for any employee only when at least two consecutive monitoring determinations, made not less than 5 working days apart, show exposures for that employee at or below the action level.

(c) Whenever there has been a production, process or control change which may result in an increase in the release of vinyl chloride, or the employer has any other reason to suspect that any employee may be exposed in excess of the action level, a determination of employee exposure under subsection (4)(a) of this section shall be performed

(d) The method of monitoring and measurement shall have an accuracy (with a confidence level of 95 percent) of not less than plus or minus 50 percent from 0.25 through 0.5 ppm, plus or minus 35 percent from over 0.5 ppm through 1.0 ppm, plus or minus 25 percent over 1.0 ppm, (methods meeting these accuracy requirements are available from the director).

(e) Employees or their designated representatives shall be afforded reasonable opportunity to observe the monitoring and measuring required by this subdivision.

(5) Regulated area.

(a) A regulated area shall be established where:

- (i) Vinyl chloride or polyvinyl chloride is manufactured, reacted, repackaged, stored, handled or used; and
- (ii) Vinyl chloride concentrations are in excess of the permissible exposure limit.

(b) Access to regulated areas shall be limited to authorized persons. A daily roster shall be made of authorized persons who enter.

(6) Methods of compliance. Employee exposures to vinyl chloride shall be controlled to at or below the permissible exposure limit provided in subsection (3) of this section by engineering, work practice, and personal protective controls as follows:

(a) Feasible engineering and work practice controls shall immediately be used to reduce exposures to at or below the permissible exposure limit.

(b) Wherever feasible engineering and work practice controls which can be instituted immediately are not sufficient to reduce exposures to at or below the permissible exposure limit, they shall nonetheless be used to reduce exposures to the lowest practicable level, and shall be supplemented by respiratory protection in accordance with subsection (6) of this section. A program shall be established and implemented to reduce exposures to at or below the permissible exposure limit, or to the greatest extent feasible, solely by means of engineering and work practice controls, as soon as feasible.

(c) Written plans for such a program shall be developed and furnished upon request for examination and copying to the director. Such plans shall be updated at least every six months.

(7) Respiratory protection. Where respiratory protection is required under this section:

(a) The employer shall provide a respirator which meets the requirements of this subdivision and shall assure that the employee uses such respirator, except that until December 31, 1975, wearing of respirators shall be at the discretion of each employee for exposures not in excess of 25 ppm, measured over any 15-minute period. Until December 31, 1975, each employee who chooses not to wear an appropriate respirator shall be informed at least quarterly of the hazards of vinyl chloride and the purpose, proper use, and limitations of respiratory devices.

(b) Respirators shall be selected from among those jointly approved by the Mining Enforcement and Safety Administration, Department of the Interior, and the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

(c) A respiratory protection program meeting the requirements of chapter 296-24 WAC shall be established and maintained.

(d) Selection of respirators for vinyl chloride shall be as follows:

Atmospheric concentration of Vinyl Chloride	Required Apparatus
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- (i) Unknown, or above 3,600 ppm — Open-circuit, self-contained breathing apparatus, pressure demand type, with full facepiece.
- (ii) Not over 3,600 ppm — (A) Combination type C supplied air respirator, pressure demand

Atmospheric concentration of Vinyl Chloride

Required Apparatus

- (iii) Not over 1,000 ppm — type, with full or half facepiece, and auxiliary self-contained air supply; or
(B) Combination type C, supplied air respirator continuous flow type, with full or half facepiece, and auxiliary self-contained air supply.
- (iv) Not over 100 ppm — Type C, supplied air respirator, continuous flow type, with full or half facepiece, helmet or hood.
(A) Combination type C supplied air respirator demand type, with full facepiece, and auxiliary self-contained air supply; or
(B) Open-circuit self-contained breathing apparatus with full facepiece, in demand mode; or
(C) Type C supplied air respirator, demand type, with full facepiece.
- (v) Not over 25 ppm — (A) A powered air-purifying respirator with hood, helmet, full or half facepiece, and a canister which provides a service life of at least 4 hours for concentrations of vinyl chloride up to 25 ppm, or
(B) Gas mask, front or back-mounted canister which provides a service life of at least 4 hours for concentrations of vinyl chloride up to 25 ppm.
- (vi) Not over 10 ppm — (A) Combination type C supplied-air respirator, demand type, with half facepiece, and auxiliary self-contained air supply; or
(B) Type C supplied-air respirator, demand type, with half facepiece; or
(C) Any chemical cartridge respirator with an organic vapor cartridge which provides a service life of at least 1 hour for concentrations of vinyl chloride up to 10 ppm.

(e)(i) Entry into unknown concentrations or concentrations greater than 36,000 ppm (lower explosive limit) may be made only for purposes of life rescue; and

(ii) Entry into concentrations of less than 36,000 ppm, but greater than 3,600 ppm may be made only for purposes of life rescue, firefighting, or securing equipment so as to prevent a greater hazard from release of vinyl chloride.

(f) Where air-purifying respirators are used:

(i) Air-purifying canisters or cartridges shall be replaced prior to the expiration of their service life or the end of the shift in which they are first used, whichever occurs first, and

(ii) A continuous monitoring and alarm system shall be provided where concentrations of vinyl chloride could reasonably exceed the allowable concentrations for the devices in use. Such system shall be used to alert employees when vinyl chloride concentrations exceed the allowable concentrations for the devices in use.

(g) Apparatus prescribed for higher concentrations may be used for any lower concentration.

(8) Hazardous operations. (a) Employees engaged in hazardous operations, including entry of vessels to clean polyvinyl chloride residue from vessel walls, shall be provided and required to wear and use;

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(i) Respiratory protection in accordance with subsections (3) and (6) of this section; and

(ii) Protective garments to prevent skin contact with liquid vinyl chloride or with polyvinyl chloride residue from vessel walls. The protective garments shall be selected for the operation and its possible exposure conditions.

(b) Protective garments shall be provided clean and dry for each use.

(i) Emergency situations. A written operational plan for emergency situations shall be developed for each facility storing, handling, or otherwise using vinyl chloride as a liquid or compressed gas. Appropriate portions of the plan shall be implemented in the event of an emergency. The plan shall specifically provide that:

(A) Employees engaged in hazardous operations or correcting situations of existing hazardous releases shall be equipped as required in subsection (8) of this section;

(B) Other employees not so equipped shall evacuate the area and not return until conditions are controlled by the methods required in subsection (6) of this section and the emergency is abated.

(9) Training. Each employee engaged in vinyl chloride or polyvinyl chloride operations shall be provided training in a program relating to the hazards of vinyl chloride and precautions for its safe use.

(a) The program shall include:

(i) The nature of the health hazard from chronic exposure to vinyl chloride including specifically the carcinogenic hazard;

(ii) The specific nature of operations which could result in exposure to vinyl chloride in excess of the permissible limit and necessary protective steps;

(iii) The purpose for, proper use, and limitations of respiratory protective devices;

(iv) The fire hazard and acute toxicity of vinyl chloride, and the necessary protective steps;

(v) The purpose for and a description of the monitoring program;

(vi) The purpose for and a description of, the medical surveillance program;

(vii) Emergency procedures:

(A) Specific information to aid the employee in recognition of conditions which may result in the release of vinyl chloride; and

(B) A review of this standard at the employee's first training and indoctrination program, and annually thereafter.

(b) All materials relating to the program shall be provided upon request to the director.

(10) Medical surveillance. A program of medical surveillance shall be instituted for each employee exposed, without regard to the use of respirators, to vinyl chloride in excess of the action level. The program shall provide each such employee with an opportunity for examinations and tests in accordance with this subsection. All medical examinations and procedures shall be performed by or under the supervision of a licensed physician and shall be provided without cost to the employee.

(a) At the time of initial assignment, or upon institution of medical surveillance;

(i) A general physical examination shall be performed with specific attention to detecting enlargement of liver, spleen or kidneys, or dysfunction in these organs, and for abnormalities in skin, connective tissues and the pulmonary system (See Appendix A).

(ii) A medical history shall be taken, including the following topics:

(A) Alcohol intake,

(B) Past history of hepatitis,

(C) Work history and past exposure to potential hepatotoxic agents, including drugs and chemicals,

(D) Past history of blood transfusions, and

(E) Past history of hospitalizations.

(iii) A serum specimen shall be obtained and determinations made of:

(A) Total bilirubin,

(B) Alkaline phosphatase,

(C) Serum glutamic oxalacetic transaminase (SGOT),

(D) Serum glutamic pyruvic transaminase (SGPT), and

(E) Gamma glutamyl transpeptidase.

(b) Examinations provided in accordance with this subdivision shall be performed at least:

(i) Every 6 months for each employee who has been employed in vinyl chloride or polyvinyl chloride manufacturing for 10 years or longer; and

(ii) Annually for all other employees.

(c) Each employee exposed to an emergency shall be afforded appropriate medical surveillance.

(d) A statement of each employee's suitability for continued exposure to vinyl chloride including use of protective equipment and respirators, shall be obtained from the examining physician promptly after any examination. A copy of the physician's statement shall be provided each employee.

(e) If any employee's health would be materially impaired by continued exposure, such employee shall be withdrawn from possible contact with vinyl chloride.

(f) Laboratory analyses for all biological specimens included in medical examinations shall be performed in laboratories licensed under 42 CFR Part 74.

(g) If the examining physician determines that alternative medical examinations to those required by subsection (10)(a) of this section will provide at least equal assurance of detecting medical conditions pertinent to the exposure to vinyl chloride, the employer may accept such alternative examinations as meeting the requirements of subsection (10)(a) of this section, if the employer obtains a statement from the examining physician setting forth the alternative examinations and the rationale for substitution. This statement shall be available upon request for examination and copying to authorized representatives of the director.

(11) Signs and labels.

(a) Entrances to regulated areas shall be posted with legible signs bearing the legend:

**CANCER-SUSPECT AGENT AREA
AUTHORIZED PERSONNEL ONLY**

(b) Areas containing hazardous operations or where an emergency currently exists shall be posted with legible signs bearing the legend:

**CANCER-SUSPECT AGENT IN THIS AREA
PROTECTIVE EQUIPMENT REQUIRED
AUTHORIZED PERSONNEL ONLY**

(c) Containers of polyvinyl chloride resin waste from reactors or other waste contaminated with vinyl chloride shall be legibly labeled:

**CONTAMINATED WITH VINYL CHLORIDE
CANCER-SUSPECT AGENT**

(d) Containers of polyvinyl chloride shall be legibly labeled:

**POLYVINYL CHLORIDE (OR TRADE NAME)
CONTAINS VINYL
CHLORIDE VINYL CHLORIDE IS A CANCER-
SUSPECT AGENT**

(e) Containers of vinyl chloride shall be legibly labeled either:

**VINYL CHLORIDE EXTREMELY FLAMMABLE
GAS UNDER PRESSURE CANCER-SUSPECT
AGENT (or)**

(f) In accordance with 49 CFR Part 173, Subpart H, with the additional legends:

CANCER-SUSPECT AGENT

applied near the label or placard.

(g) No statement shall appear on or near any required sign, label or instruction which contradicts or detracts from the effect of any required warning, information or instruction.

(12) Records. (a) All records maintained in accordance with this section shall include the name and social security number of each employee where relevant.

(b) Records of required monitoring and measuring ~~(-)~~ and medical records ~~((and authorized personnel rosters, shall be made and shall be available upon request for examination and copying to the director))~~ shall be provided upon request to employees, designated representatives, and the assistant director in accordance with WAC 296-62-05201 through 296-62-05209; and WAC 296-62-05213 through 296-62-05217. These records shall be provided upon request to the director. Authorized personnel rosters shall also be provided upon request to the assistant director.

(i) Monitoring and measuring records shall:

(A) State the date of such monitoring and measuring and the concentrations determined and identify the instruments and methods used;

(B) Include any additional information necessary to determine individual employee exposures where such exposures are determined by means other than individual monitoring of employees; and

(C) Be maintained for not less than 30 years.

(ii) Authorized personnel rosters shall be maintained for not less than 30 years.

(iii) Medical records shall be maintained for the duration of the employment of each employee plus 20 years, or 30 years, whichever is longer.

(c) In the event that the employer ceases to do business and there is no successor to receive and retain his records for the prescribed period, these records shall be transmitted by registered mail to the director, and each employee individually notified in writing of this transfer. The employer shall also comply with any additional requirements set forth in WAC 296-62-05215.

(d) Employees or their designated representatives shall be provided access to examine and copy records of required monitoring and measuring.

(e) Former employees shall be provided access to examine and copy required monitoring and measuring records reflecting their own exposures.

(f) Upon written request of any employee, a copy of the medical record of that employee shall be furnished to any physician designated by the employee.

(13) Reports. (a) Not later than 1 month after the establishment of a regulated area, the following information shall be reported to the director. Any changes to such information shall be reported within 15 days.

(i) The address and location of each establishment which has one or more regulated areas; and

(ii) The number of employees in each regulated area during normal operations, including maintenance.

(b) Emergencies and the facts obtainable at that time, shall be reported within 24 hours to the director. Upon request of the director, the employer shall submit additional information in writing relevant to the nature and extent of employee exposures and measures taken to prevent future emergencies of similar nature.

(c) Within 10 working days following any monitoring and measuring which discloses that any employee has been exposed, without regard to the use of respirators, in excess of the permissible exposure limit, each such employee shall be notified in writing of the results of the exposure measurement and the steps being taken to reduce the exposure to within the permissible exposure limit.

(i) Effective January 1, 1975, the provisions set forth in WAC 296-62-07329 shall apply.

**APPENDIX A SUPPLEMENTARY MEDICAL
INFORMATION**

When required tests under paragraph (10)(a) of this section show abnormalities, the tests should be repeated as soon as practicable, preferably within 3 to 4 weeks. If tests remain abnormal, consideration should be given to withdrawal of the employee from contact with vinyl chloride, while a more comprehensive examination is made.

Additional tests which may be useful:

(A) For kidney dysfunction: Urine examination for albumin, red blood cells, and exfoliative abnormal cells.

(B) Pulmonary system: Forced vital capacity, forced expiratory volume at 1 second, and chest roentgenogram (posterior-anterior, 14 x 17 inches).

(C) Additional serum tests: Lactic acid dehydrogenase, lactic acid dehydrogenase isoenzyme, protein determination, and protein electrophoresis.

(D) For a more comprehensive examination on repeated abnormal serum tests: Hepatitis B antigen, and liver scanning.

AMENDATORY SECTION (Amending Order 80-14, filed 8/8/80)

WAC 296-62-07341 ACRYLONITRILE. (1) Scope and application.

(a) This section applies to all occupational exposure to acrylonitrile (AN), Chemical Abstracts Service Registry No. 000107131, except as provided in subsection (1)(b) and (c) of this section.

(b) This section does not apply to exposures which result solely from the processing, use, and handling of the following materials:

(i) ABS resins, SAN resins, nitrile barrier resins, solid nitrile elastomers, and acrylic and modacrylic fibers, when these listed materials are in the form of finished polymers, and products fabricated from such finished polymers;

(ii) Materials made from and/or containing AN for which objective data is reasonably relied upon to demonstrate that the material is not capable of releasing AN in airborne concentrations in excess of 1 ppm as an eight-hour time-weighted average, under the expected conditions of processing, use, and handling which will cause the greatest possible release; and

(iii) Solid materials made from and/or containing AN which will not be heated above 170° F during handling, use, or processing.

(c) An employer relying upon exemption under (1)(b)(ii) shall maintain records of the objective data supporting that exemption, and of the basis of the employer's reliance on the data as provided in subsection (17) of this section.

(2) Definitions, as applicable to this section:

(a) "Acrylonitrile" or "AN" - acrylonitrile monomer, chemical formula $CH_2=CHCN$.

(b) "Action level" - a concentration of AN of 1 ppm as an eight-hour time-weighted average.

(c) "Authorized person" - any person specifically authorized by the employer whose duties require the person to enter a regulated area, or any person entering such an area as a designated representative of employees for the purpose of exercising the opportunity to observe monitoring procedures under subsection (18) of this section.

(d) "Director" - the Director of Labor and Industries, or his authorized representative.

(e) "Emergency" - any occurrence such as, but not limited to, equipment failure, rupture of containers, or failure of control equipment, which is likely to, or does, result in unexpected exposure to AN in excess of the ceiling limit.

(f) "Polyacrylonitrile" or "PAN" - polyacrylonitrile homopolymers or copolymers, except for materials as exempted under subsection (1)(b) of this section.

(3) Permissible exposure limits. (a) Inhalation. (i) Time-weighted average limit (TWA). The employer shall assure that no employee is exposed to an airborne concentration of acrylonitrile in excess of two parts

acrylonitrile per million parts of air (2 ppm), as an eight-hour time-weighted average.

(ii) Ceiling limit. The employer shall assure that no employee is exposed to an airborne concentration of acrylonitrile in excess of (10) ppm as averaged over any fifteen-minute period during the working day.

(b) Dermal and eye exposure. The employer shall assure that no employee is exposed to skin contact or eye contact with liquid AN or PAN.

(4) Notification of use and emergencies. (a) Use. Within ten days of the effective date of this standard, or within fifteen days following the introduction of AN into the workplace, every employer shall report, unless he has done so pursuant to the emergency temporary standard, the following information to the director for each such workplace:

(i) The address and location of each workplace in which AN is present;

(ii) A brief description of each process of operation which may result in employee exposure to AN;

(iii) The number of employees engaged in each process or operation who may be exposed to AN and an estimate of the frequency and degree of exposure that occurs; and

(iv) A brief description of the employer's safety and health program as it relates to limitation of employee exposure to AN. Whenever there has been a significant change in the information required by this subsection, the employer shall promptly amend such information previously provided to the director.

(b) Emergencies and remedial action. Emergencies, and the facts obtainable at that time, shall be reported within 24 hours of the initial occurrence to the director. Upon request of the director, the employer shall submit additional information in writing relevant to the nature and extent of employee exposures and measures taken to prevent future emergencies of a similar nature.

(5) Exposure monitoring. (a) General. (i) Determinations of airborne exposure levels shall be made from air samples that are representative of each employee's exposure to AN over an eight-hour period.

(ii) For the purposes of this section, employee exposure is that which would occur if the employee were not using a respirator.

(b) Initial monitoring. Each employer who has a place of employment in which AN is present shall monitor each such workplace and work operation to accurately determine the airborne concentrations of AN to which employees may be exposed. Such monitoring may be done on a representative basis, provided that the employer can demonstrate that the determinations are representative of employee exposures.

(c) Frequency. (i) If the monitoring required by this section reveals employee exposure to be below the action level, the employer may discontinue monitoring for that employee.

(ii) If the monitoring required by this section reveals employee exposure to be at or above the action level but below the permissible exposure limits, the employer shall repeat such monitoring for each such employee at least quarterly.

(iii) If the monitoring required by this section reveals employee exposure to be in excess of the permissible exposure limits, the employer shall repeat these determinations for each such employee at least monthly. The employer shall continue these monthly measurements until at least two consecutive measurements, taken at least seven days apart, are below the permissible exposure limits, and thereafter the employer shall monitor at least quarterly.

(d) Additional monitoring. Whenever there has been a production, process, control or personnel change which may result in new or additional exposure to AN, or whenever the employer has any other reason to suspect a change which may result in new or additional exposures to AN, additional monitoring which complies with this subsection shall be conducted.

(e) Employee notification. (i) Within five working days after the receipt of monitoring results, the employer shall notify each employee in writing of the results which represent that employee's exposure.

(ii) Whenever the results indicate that the representative employee exposure exceeds the permissible exposure limits, the employer shall include in the written notice a statement that the permissible exposure limits were exceeded and a description of the corrective action being taken to reduce exposure to or below the permissible exposure limits.

(f) Accuracy of measurement. The method of measurement of employee exposures shall be accurate, to a confidence level of 95 percent, to within plus or minus 25 percent for concentrations of AN at or above the permissible exposure limits, and plus or minus 35 percent for concentrations of AN between the action level and the permissible exposure limits.

(g) Weekly survey of operations involving liquid AN. In addition to monitoring of employee exposures to AN as otherwise required by this subsection, the employer shall survey areas of operations involving liquid AN at least weekly to detect points where AN liquid or vapor are being released into the workplace. The survey shall employ an infra-red gas analyzer calibrated for AN, a multipoint gas chromatographic monitor, or comparable system for detection of AN. A listing of levels detected and areas of AN release, as determined from the survey, shall be posted prominently in the workplace, and shall remain posted until the next survey is completed.

(6) Regulated areas. (a) The employer shall establish regulated areas where AN concentrations are in excess of the permissible exposure limits.

(b) Regulated areas shall be demarcated and segregated from the rest of the workplace, in any manner that minimizes the number of persons who will be exposed to AN.

(c) Access to regulated areas shall be limited to authorized persons or to persons otherwise authorized by the act or regulations issued pursuant thereto.

(d) The employer shall assure that in the regulated area, food or beverages are not present or consumed, smoking products are not present or used, and cosmetics are not applied, (except that these activities may be conducted in the lunchrooms, change rooms and showers

required under subsections (13)(a)-(13)(c) of this section.

(7) Methods of compliance. (a) Engineering and work practice controls. (i) The employer shall institute engineering or work practice controls to reduce and maintain employee exposures to AN, to or below the permissible exposure limits, except to the extent that the employer establishes that such controls are not feasible.

(ii) Wherever the engineering and work practice controls which can be instituted are not sufficient to reduce employee exposures to or below the permissible exposure limits, the employer shall nonetheless use them to reduce exposures to the lowest levels achievable by these controls and shall supplement them by the use of respiratory protection which complies with the requirements of subsection (8) of this section.

(b) Compliance program. (i) The employer shall establish and implement a written program to reduce employee exposures to or below the permissible exposure limits solely by means of engineering and work practice controls, as required by subsection (7)(a) of this section.

(ii) Written plans for these compliance programs shall include at least the following:

(A) A description of each operation or process resulting in employee exposure to AN above the permissible exposure limits;

(B) Engineering plans and other studies used to determine the controls for each process;

(C) A report of the technology considered in meeting the permissible exposure limits;

(D) A detailed schedule for the implementation of engineering or work practice controls; and

(E) Other relevant information.

(iii) Written plans for such a program shall be submitted upon request to the director, and shall be available at the worksite for examination and copying by the director, or any affected employee or representative.

(iv) The plans required by this subsection shall be revised and updated at least every six months to reflect the current status of the program.

(8) Respiratory protection. (a) General. The employer shall assure that respirators are used where required pursuant to this section to reduce employee exposure to within the permissible exposure limits and in emergencies. Compliance with the permissible exposure limits may not be achieved by the use of respirators except:

(i) During the time period necessary to install or implement feasible engineering and work practice controls; or

(ii) In work operations such as maintenance and repair activities in which the employer establishes that engineering and work practice controls are not feasible; or

(iii) In work situations where feasible engineering and work practice controls are not yet sufficient to reduce exposure to or below the permissible exposure limits; or

(iv) In emergencies.

(b) Respirator selection. (i) Where respiratory protection is required under this section, the employer shall select and provide at no cost to the employee, the appropriate type of respirator from Table I and shall assure that the employee wears the respirator provided.

TABLE I
RESPIRATORY PROTECTION FOR
ACRYLONITRILE (AN)

Concentration of AN or Condition of Use	Respirator Type
(a) Less than or equal to 10 x permissible exposure limits.	(1) Any chemical cartridge respirator with organic vapor cartridge(s) and half-mask; or (2) Any supplied air respirator with half-mask.
(b) Less than or equal to 50 x permissible exposure limits.	(1) Any organic vapor gas mask; or (2) Any supplied air respirator with full facepiece; or (3) Any self-contained breathing apparatus with full facepiece.
(c) Less than or equal to 2,000 x permissible exposure limits.	(1) Supplied air respirator in positive pressure mode with full facepiece, helmet, hood, or suit.
(d) Less than or equal to 10,000 x permissible exposure limits.	(1) Supplied air respirator and auxiliary self-contained full facepiece in positive pressure mode; or (2) Open circuit self-contained breathing apparatus with full facepiece in positive pressure mode.
(e) Emergency entry into unknown concentration of firefighting.	(1) Any self-contained breathing apparatus with full facepiece in positive pressure mode.
(f) Escape.	(1) Any organic vapor gas mask; or (2) Any self-contained breathing apparatus with full facepiece.

(ii) The employer shall select respirators from those approved for use with AN by the National Institute for Occupational Safety and Health under the provisions of WAC 296-24-081.

(c) Respirator program. (i) The employer shall institute a respiratory protection program in accordance with WAC 296-24-081.

(ii) Where air-purifying respirators (chemical cartridge or canister-type gas mask) are used, the air-purifying canister or cartridge(s) shall be replaced prior to the expiration of their service life or at the beginning of each shift, whichever occurs first. A label shall be attached to the cartridge or canister to indicate the date and time at which it is first installed on the respirator.

(iii) The employer shall allow each employee who uses a filter respirator (cartridge or canister) to change the filter elements whenever an increase in breathing resistance is detected and shall maintain an adequate supply of the filter elements necessary for this purpose.

(iv) Employees who wear respirators shall be allowed to wash their faces and respirator facepieces to prevent potential skin irritation associated with respirator use.

(9) Emergency situations. (a) Written plans. (i) A written plan for emergency situations shall be developed for each workplace where AN is present. Appropriate portions of the plan shall be implemented in the event of an emergency.

(ii) The plan shall specifically provide that employees engaged in correcting emergency conditions shall be equipped as required in subsection (8) of this section until the emergency is abated.

(b) Alerting employees. (i) Alarms. Where there is the possibility of employee exposure to AN in excess of the ceiling limit due to the occurrence of an emergency, a general alarm shall be installed and maintained to promptly alert employees of such occurrences.

(ii) Evacuation. Employees not engaged in correcting the emergency shall be restricted from the area and shall not be permitted to return until the emergency is abated.

(10) Protective clothing and equipment. (a) Provision and use. Where eye or skin contact with liquid AN or PAN may occur, the employer shall provide at no cost to the employee, and assure that employees wear, appropriate protective clothing or other equipment in accordance with WAC 296-24-07501 and 296-24-07801 to protect any area of the body which may come in contact with liquid AN or PAN.

(b) Cleaning and replacement. (i) The employer shall clean, launder, maintain, or replace protective clothing and equipment required by this subsection, as needed to maintain their effectiveness. In addition, the employer shall provide clean protective clothing and equipment at least weekly to each affected employee.

(ii) The employer shall assure that the employee removes all protective clothing and equipment at the completion of a work shift and that an employee whose protective clothing becomes wet with liquid AN or PAN removes that clothing promptly to avoid skin contact with the liquid AN or PAN. Protective clothing shall be removed only in change rooms as required by subsection (14)(a) of this section.

(iii) The employer shall assure that AN- or PAN-contaminated protective clothing and equipment is placed and stored in closable containers which prevent dispersion of the AN or PAN outside the container.

(iv) The employer shall assure that no employee removes AN- or PAN-contaminated protective equipment or clothing from the change room, except for those employees authorized to do so for the purpose of laundering, maintenance, or disposal.

(v) The employer shall inform any person who launders or cleans AN- or PAN-contaminated protective clothing or equipment of the potentially harmful effects of exposure to AN.

(vi) The employer shall assure that containers of contaminated protective clothing and equipment which are to be removed from the workplace for any reason are labeled in accordance with subsection (16)(c)(ii) of this section, and that such labels remain affixed when such containers leave the employer's workplace.

(11) Housekeeping. (a) Surfaces. (i) All surfaces shall be maintained free of accumulations of liquid AN and of PAN.

(ii) Dry sweeping and the use of compressed air for the cleaning of floors and other surfaces where liquid AN and PAN are found is prohibited.

(iii) Where vacuuming methods are selected, either portable units or a permanent system may be used.

(A) If a portable unit is selected, the exhaust shall be attached to the general workplace exhaust ventilation system or collected within the vacuum unit, equipped with high efficiency filters or other appropriate means of

contaminant removal, so that AN is not reintroduced into the workplace air; and

(B) Portable vacuum units used to collect AN may not be used for other cleaning purposes and shall be labeled as prescribed by subsection (16)(c)(ii) of this section.

(iv) Cleaning of floors and other contaminated surfaces may not be performed by washing down with a hose, unless a fine spray has first been laid down.

(b) Liquids. Where AN is present in a liquid form, or as a resultant vapor, all containers or vessels containing AN shall be enclosed to the maximum extent feasible and tightly covered when not in use, with adequate provision made to avoid any resulting potential explosion hazard.

(12) Waste disposal. AN and PAN waste, scrap, debris, bags, containers or equipment, shall be disposed of in sealed bags or other closed containers which prevent dispersion of AN outside the container, and labeled as prescribed in subsection (16)(c)(ii) of this section.

(13) Hygiene facilities and practices. Where employees are exposed to airborne concentrations of AN above the permissible exposure limits, or where employees are required to wear protective clothing or equipment pursuant to subsection (11) of this section, or where otherwise found to be appropriate, the facilities required by WAC 296-24-12009 shall be provided by the employer for the use of those employees, and the employer shall assure that the employees use the facilities provided. In addition, the following facilities or requirements are mandated.

(a) Change rooms. The employer shall provide clean change rooms in accordance with WAC 296-24-12011.

(b) Showers. (i) The employer shall provide shower facilities in accordance with WAC 296-24-12009(3).

(ii) In addition, the employer shall also assure that employees exposed to liquid AN and PAN shower at the end of the work shift.

(c) Lunchrooms. (i) Whenever food or beverages are consumed in the workplace, the employer shall provide lunchroom facilities which have a temperature controlled, positive pressure, filtered air supply, and which are readily accessible to employees exposed to AN above the permissible exposure limits.

(ii) In addition, the employer shall also assure that employees exposed to AN above the permissible exposure limits wash their hands and face prior to eating.

(14) Medical surveillance. (a) General. (i) The employer shall institute a program of medical surveillance for each employee who is or will be exposed to AN above the action level. The employer shall provide each such employee with an opportunity for medical examinations and tests in accordance with this subsection.

(ii) The employer shall assure that all medical examinations and procedures are performed by or under the supervision of a licensed physician, and shall be provided without cost to the employee.

(b) Initial examinations. At the time of initial assignment, or upon institution of the medical surveillance program, the employer shall provide each affected employee an opportunity for a medical examination, including at least the following elements:

(i) A work history and medical history with special attention to skin, respiratory, and gastrointestinal systems, and those non-specific symptoms, such as headache, nausea, vomiting, dizziness, weakness, or other central nervous system dysfunctions that may be associated with acute or chronic exposure to AN.

(ii) A physical examination giving particular attention to central nervous system, gastrointestinal system, respiratory system, skin and thyroid.

(iii) A 14" x 17" posteroanterior chest x-ray.

(iv) Further tests of the intestinal tract, including fecal occult blood and proctosigmoidoscopy, on all workers 40 years of age or older, and to any other affected employees for whom, in the opinion of the physician, such testing would be appropriate.

(c) Periodic examinations. (i) The employer shall provide examinations specified in this subsection at least annually for all employees specified in subsection (14)(a) of this section.

(ii) If an employee has not had the examinations prescribed in subsection (14)(b) of this section within six months of termination of employment, the employer shall make such examination available to the employee upon such termination.

(d) Additional examinations. If the employee for any reason develops signs or symptoms commonly associated with exposure to AN, the employer shall provide appropriate examination and emergency medical treatment.

(e) Information provided to the physician. The employer shall provide the following information to the examining physician:

(i) A copy of this standard and its appendices;

(ii) A description of the affected employee's duties as they relate to the employee's exposure;

(iii) The employee's representative exposure level;

(iv) The employee's anticipated or estimated exposure level (for preplacement examinations or in cases of exposure due to an emergency);

(v) A description of any personal protective equipment used or to be used; and

(vi) Information from previous medical examinations of the affected employee, which is not otherwise available to the examining physician.

(f) Physician's written opinion. (i) The employer shall obtain a written opinion from the examining physician which shall include:

(A) The results of the medical tests performed;

(B) The physician's opinion as to whether the employee has any detected medical condition which would place the employee at an increased risk of material impairment of the employee's health from exposure to AN;

(C) Any recommended limitations upon the employee's exposure to AN or upon the use of protective clothing and equipment such as respirators; and

(D) A statement that the employee has been informed by the physician of the results of the medical examination and any medical conditions which require further examination or treatment.

(ii) The employer shall instruct the physician not to reveal in the written opinion specific findings or diagnoses unrelated to occupational exposure to AN.

(iii) The employer shall provide a copy of the written opinion to the affected employee.

(15) Employee information and training. (a) Training program. (i) The employer shall institute a training program for all employees where there is occupational exposure to AN and shall assure their participation in the training program.

(ii) The training program shall be provided at the time of initial assignment, or upon institution of the training program, and at least annually thereafter, and the employer shall assure that each employee is informed of the following:

(A) The information contained in Appendices A, B and C*⁽¹⁾;

(B) The quantity, location, manner of use, release or storage of AN and the specific nature of operations which could result in exposure to AN, as well as any necessary protective steps;

(C) The purpose, proper use, and limitations of respirators;

(D) The purpose and a description of the medical surveillance program required by subsection (14) of this section;

(E) The emergency procedures developed, as required by subsection (9) of this section; and

(F) The engineering and work practice controls, their function and the employee's relationship thereto; and

(G) A review of this standard.

(b) Access to training materials. (i) The employer shall make a copy of this standard and its appendices readily available to all affected employees.

(ii) The employer shall provide, upon request, all materials relating to the employee information and training program to the director.

(16) Signs and labels. (a) General. (i) The employer may use labels or signs required by other statutes, regulations, or ordinances in addition to, or in combination with, signs and labels required by this subsection.

(ii) The employer shall assure that no statement appears on or near any sign or label, required by this subsection, which contradicts or detracts from such effects of the required sign or label.

(b) Signs. (i) The employer shall post signs to clearly indicate all workplaces where AN concentrations exceed the permissible exposure limits. The signs shall bear the following legend:

**DANGER
ACRYLONITRILE (AN)
CANCER HAZARD
AUTHORIZED PERSONNEL ONLY
RESPIRATORS REQUIRED**

(ii) The employer shall assure that signs required by this subsection are illuminated and cleaned as necessary so that the legend is readily visible.

(c) Labels. (i) The employer shall assure that precautionary labels are affixed to all containers of AN, and to containers of PAN and products fabricated from PAN, except for those materials for which objective data is provided as to the conditions specified in subsection (1)(b) of this section. The employer shall assure that the

labels remain affixed when the AN or PAN are sold, distributed or otherwise leave the employer's workplace.

(ii) The employer shall assure that the precautionary labels required by this subsection are readily visible and legible. The labels shall bear the following legend:

**DANGER
CONTAINS ACRYLONITRILE (AN)
CANCER HAZARD**

(17) Recordkeeping. (a) Objective data for exempted operations. (i) Where the processing, use, and handling of products fabricated from PAN are exempted pursuant to subsection (1)(b) of this section, the employer shall establish and maintain an accurate record of objective data reasonably relied upon in support of the exemption.

(ii) This record shall include the following information:

(A) The relevant condition in subsection (1)(b) upon which exemption is based;

(B) The source of the objective data;

(C) The results of testing and analysis of the material being processed;

(D) A description of the operation exempted; and

(E) Other data relevant to the operations, materials, and processing covered by the exemption.

(iii) The employer shall maintain this record for the duration of the employer's reliance upon such objective data.

(b) Exposure monitoring. (i) The employer shall establish and maintain an accurate record of all monitoring required by subsection (5) of this section.

(ii) This record shall include:

(A) The dates, number, duration, and results of each of the samples taken, including a description of the sampling procedure used to determine representative employee exposure;

(B) A description of the sampling and analytical methods used;

(C) Type of respiratory protective devices worn, if any; and

(D) Name, social security number and job classification of the employee monitored and of all other employees whose exposure the measurement is intended to represent.

(iii) The employer shall maintain this record for at least 40 years or the duration of employment plus 20 years, whichever is longer.

(c) Medical surveillance. (i) The employer shall establish and maintain an accurate record for each employee subject to medical surveillance as required by subsection (14) of this section.

(ii) This record shall include:

(A) A copy of the physicians' written opinions;

(B) Any employee medical complaints related to exposure to AN;

(C) A copy of the information provided to the physician as required by subsection (14)(f) of this section; and

(D) A copy of the employee's work history.

(iii) The employer shall assure that this record be maintained for at least forty years or for the duration of employment plus twenty years, whichever is longer.

(d) Availability. (i) The employer shall assure that all records required to be maintained by this section be made available upon request to the director for examination and copying.

(ii) ~~((The employer shall assure that employee exposure measurement records, as required by this section, be made available, upon request, for examination and copying to the affected employee, former employee, or designated representative.))~~ Records required by subdivisions (a) through (c) of this subsection shall be provided upon request to employees, designated representatives, and the assistant director in accordance with WAC 296-62-05201 through 296-62-05209 and 296-62-05213 through 296-62-05217. Records required by subdivision (a) of this section shall be provided in the same manner as exposure monitoring records.

(iii) The employer shall assure that employee medical records required to be maintained by this section, be made available, upon request, for examination and copying, to the affected employee or former employee, or to a physician designated by the affected employee, former employee, or designated representative.

(e) Transfer of records. (i) Whenever the employer ceases to do business, the successor employer shall receive and retain all records required to be maintained by this section.

(ii) Whenever the employer ceases to do business and there is no successor employer to receive and retain the records for the prescribed period, these records shall be transmitted to the director.

(iii) At the expiration of the retention period for the records required to be maintained pursuant to this section, the employer shall transmit these records to the director.

(iv) The employer shall also comply with any additional requirements involving transfer of records set forth in WAC 296-62-05215.

(18) Observation of monitoring. (a) Employee observation. The employer shall provide affected employees, or their designated representatives, an opportunity to observe any monitoring of employee exposure to AN conducted pursuant to subsection (5) of this section.

(b) Observation procedures. (i) Whenever observation of the monitoring of employee exposure to AN requires entry into an area where the use of protective clothing or equipment is required, the employer shall provide the observer with personal protective clothing or equipment required to be worn by employees working in the area, assure the use of such clothing and equipment, and require the observer to comply with all other applicable safety and health procedures.

(ii) Without interfering with the monitoring, observers shall be entitled:

(A) To receive an explanation of the measurement procedures;

(B) To observe all steps related to the measurement of airborne concentrations of AN performed at the place of exposure; and

(C) To record the results obtained.

(19) Effective date. This standard will become effective 30 days after it is filed with the Code Reviser.

*⁽¹⁾ Appendices printed in addition to this section, and information contained therein is not intended, by itself, to create any additional obligations not otherwise imposed or to detract from any existing obligations. Appendices are available from:

The Technical Services Section
Division of Industrial Safety and Health
P.O. Box 207
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AMENDATORY SECTION (Amending Order 80-14, filed 8/8/80)

WAC 296-62-07345 1,2-DIBROMO-3-CHLOROPROPANE. (1) Scope and application. This section applies to all occupational exposures to 1,2-dibromo-3-chloropropane (DBCP), Chemical Abstracts Service Registry Number 96-12-8, except that this section does not apply to exposure to DBCP which results solely from the application and use of DBCP as a pesticide.

(2) Definitions applicable to this section:

(a) "Authorized person" - any person specifically authorized by the employer and whose duties require the person to be present in areas where DBCP is present; and any person entering this area as a designated representative of employees exercising an opportunity to observe employee exposure monitoring.

(b) "DBCP" - 1,2-dibromo-3-chloropropane.

(c) "Director" - the Director of Labor and Industries, or his authorized representative.

(3) Permissible exposure limits. (a) Inhalation. (i) Time-weighted average limit (TWA). The employer shall assure that no employee is exposed to an airborne concentration in excess of 1 part DBCP per billion part of air (ppb) as an eight-hour time-weighted average.

(ii) Ceiling limit. The employer shall assure that no employee is exposed to an airborne concentration in excess of 50 parts DBCP per billion parts of air (ppb) as averaged over any 15 minutes during the working day.

(b) Dermal and eye exposure. The employer shall assure that no employee is exposed to eye or skin contact with DBCP.

(4) Notification of use. Within ten days of the effective date of this section or within ten days following the introduction of DBCP into the workplace, every employer who has a workplace where DBCP is present shall report the following information to the director for each such workplace:

(a) The address and location of each workplace in which DBCP is present;

(b) A brief description of each process or operation which may result in employee exposure to DBCP;

(c) The number of employees engaged in each process or operation who may be exposed to DBCP and an estimate of the frequency and degree of exposure that occurs;

(d) A brief description of the employer's safety and health program as it relates to limitation of employee exposure to DBCP.

(5) Exposure monitoring. (a) General. Determinations of airborne exposure levels shall be made from air samples that are representative of each employee's exposure to DBCP over an eight-hour period. (For the purposes of this section, employee exposure is that exposure

which would occur if the employee were not using a respirator.)

(b) Initial. Each employer who has a place of employment in which DBCP is present shall monitor, within thirty days of the effective date of this section, each workplace and work operation to accurately determine the airborne concentrations of DBCP to which employees may be exposed.

(c) Frequency. (i) If the monitoring required by this section reveals employee exposures to be below the permissible exposure limits, the employer shall repeat these determinations at least quarterly.

(ii) If the monitoring required by this section reveals employee exposure to be in excess of the permissible exposure limits, the employer shall repeat these determinations for each such employee at least monthly. The employer shall continue these monthly determinations until at least two consecutive measurements, taken at least seven days apart, are below the permissible exposure limit, thereafter the employer shall monitor at least quarterly.

(d) Additional. Whenever there has been a production process, control or personnel change which may result in any new or additional exposure to DBCP, or whenever the employer has any other reason to suspect a change which may result in new or additional exposure to DBCP, additional monitoring which complies with subsection (5) shall be conducted.

(e) Employee notification. (i) Within five working days after the receipt of monitoring results, the employer shall notify each employee in writing of results which represent the employee's exposure.

(ii) Whenever the results indicate that employee exposure exceeds the permissible exposure limit, the employer shall include in the written notice a statement that the permissible exposure limit was exceeded and a description of the corrective action being taken to reduce exposure to or below the permissible exposure limits.

(f) Accuracy of measurement. The method of measurement shall be accurate, to a confidence level of 95 percent, to within plus or minus 25 percent for concentrations of DBCP at or above the permissible exposure limits.

(6) Methods of compliance. The employer shall control employee exposures to airborne concentrations of DBCP to within the permissible exposure limit, and shall protect against employee exposure to eye or skin contact with DBCP by engineering controls, work practices and personal protective equipment.

(a) Engineering controls. The employer shall develop and implement, as soon as possible, feasible engineering controls to reduce the airborne concentrations of DBCP to within the permissible exposure limits.

(b) Work practices. The employer shall examine each work area in which DBCP is present and shall institute, as soon as possible, work practices to reduce employee exposure to DBCP. The work practices shall be described in writing and shall include, among other things, the following mandatory work practices:

(i) Limiting access to work areas where DBCP is present to authorized personnel only;

(ii) Prohibiting smoking and the consumption of food and beverages in work areas where DBCP is present; and

(iii) Establishing good maintenance and housekeeping practices including the prompt cleanup of spills, repair of leaks, and the practices required in subsection (9) of this section.

(c) Respiratory protection. Where engineering and work practice controls are not sufficient to reduce employee exposures to airborne concentrations of DBCP to within the permissible exposure limits, the employer shall provide at no cost to the employee, and assure that employees wear respirators in accordance with subsection (7) of this section.

(d) Engineering and work practice control plan. (i) Within ninety days of the effective date of this section, the employer shall develop a written plan describing proposed means to reduce employee exposures to DBCP to the lowest feasible level solely by means of engineering and work practice controls.

(ii) Written plans required under subsection (6)(d) shall be submitted upon request to the director, and shall be available at the worksite for examination and copying by the director, and any affected employee or designated representative of employees.

(7) Respirators. (a) Required use. The employer shall assure that respirators are used where required under this section to reduce employee exposure to within the permissible exposure limits, and in emergencies.

(b) Respirator selection. (i) Where respirators are used to reduce employee exposures to within the permissible exposure limit and in emergencies, the employer shall select and provide, at no cost to the employee, the appropriate respirator from Table I and shall assure that the employee wears the respirator provided.

(ii) The employer shall select respirators from among those approved by the National Institute for Occupational Safety and Health (NIOSH) under the provisions of WAC 296-24-081.

TABLE I

RESPIRATORY PROTECTION FOR DBCP

RESPIRATORY PROTECTION

Concentration not greater than:

100 ppb:

Any chemical cartridge respirator with pesticide cartridge(s).

Any supplied-air respirator.

Any self-contained cartridge breathing apparatus.

500 ppb:

A chemical cartridge respirator with full facepiece and pesticide cartridge(s).

A gas mask with full facepiece and pesticide canister.

Any supplied-air respirator with full facepiece, helmet or hood.

Any self-contained breathing apparatus with full facepiece.

5,000 ppb:

A Type C supplied-air respirator operated in pressure-demand or other positive pressure or continuous flow mode.

20,000 ppb:

A Type C supplied-air respirator with full facepiece operated in pressure-demand or other positive pressure mode, or with full facepiece, hood or helmet operated in continuous flow mode.

Greater than 20,000 ppb or entry and escape from unknown concentrations:

A combination respirator which includes a Type C supplied-air respirator with full facepiece operated in pressure-demand or other positive pressure or continuous flow mode and an auxiliary self-contained breathing apparatus operated in pressure-demand or positive pressure mode.

A self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode.

Firefighting:

A self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode.

(c) Respirator program. (i) The employer shall institute a respiratory protection program in accordance with WAC 296-24-081.

(ii) Where air-purifying respirators (chemical cartridge or gas mask) are used, the air-purifying canister or cartridge(s) shall be replaced prior to the expiration of their service life or the beginning of each shift, whichever occurs first.

(iii) Employees who wear respirators shall be allowed to wash their face and respirator facepiece to prevent potential skin irritation associated with respirator use.

(8) Protective clothing and equipment. (a) Provision and use. Where eye or skin contact with liquid or solid DBCP may occur, employers shall provide at no cost to the employee, and assure that employees wear impermeable protective clothing and equipment in accordance with WAC 296-24-07501 and 296-24-07801 to protect the area of the body which may come in contact with DBCP.

(b) Cleaning and replacement. (i) The employer shall clean, launder, maintain, or replace protective clothing and equipment required by this subsection to maintain their effectiveness. In addition, the employer shall provide clean protective clothing and equipment at least daily to each affected employee.

(ii) The employer shall assure that the employee removes all protective clothing and equipment at the completion of a workshift.

(iii) The employer shall assure that DBCP-contaminated protective work clothing and equipment is placed and stored in closed containers which prevent dispersion of DBCP outside the container.

(iv) The employer shall inform any person who launders or cleans DBCP-contaminated protective clothing or equipment of the potentially harmful effects of exposure to DBCP.

(v) The employer shall assure that the containers of contaminated protective clothing and equipment which are to be removed from the workplace for any reason are labeled in accordance with subsection (13)(c) of this section.

(vi) The employer shall prohibit the removal of DBCP from protective clothing and equipment by blowing or shaking.

(9) Housekeeping. (a) Surfaces. (i) All surfaces shall be maintained free of accumulations of DBCP.

(ii) Dry sweeping and the use of air for the cleaning of floors and other surfaces where DBCP dust or liquids are found is prohibited.

(iii) Where vacuuming methods are selected, either portable units or a permanent system may be used.

(A) If a portable unit is selected, the exhaust shall be attached to the general workplace exhaust ventilation system or collected within the vacuum unit, equipped with high efficiency filters or other appropriate means of contaminant removal, so that DBCP is not reintroduced into the workplace air; and

(B) Portable vacuum units used to collect DBCP may not be used for other cleaning purposes and shall be labeled as prescribed by subsection (13)(c) of this section.

(iv) Cleaning of floors and other contaminated surfaces may not be performed by washing down with a hose, unless a fine spray has first been laid down.

(b) Liquids. Where DBCP is present in a liquid form, or as a resultant vapor, all containers or vessels containing DBCP shall be enclosed to the maximum extent feasible and tightly covered when not in use.

(c) Waste disposal. DBCP waste, scrap, debris, bags, containers or equipment, shall be disposed in sealed bags or other closed containers which prevent dispersion of DBCP outside the container.

(10) Hygiene facilities and practices. Hygiene facilities shall be provided and practices implemented in accordance with the requirements of WAC 296-24-12009.

(11) Medical surveillance. (a) General. The employer shall institute a program of medical surveillance for each employee who is or will be exposed, without regard to the use of respirators, to DBCP. The employer shall provide each such employee with an opportunity for medical examinations and tests in accordance with this subsection. All medical examinations and procedures shall be performed by or under the supervision of a licensed physician, and shall be provided without cost to the employee.

(b) Frequency and content. Within 30 days of the effective date of this section or time of initial assignment, and whenever exposure to DBCP, the employer shall provide a medical examination including at least the following:

(i) A complete medical and occupational history with emphasis on reproductive history.

(ii) A complete physical examination with emphasis on the genito-urinary tract, testicle size, and body habitus including the following tests:

- (A) Sperm count;
 - (B) Complete urinalysis (U/A);
 - (C) Complete blood count; and
 - (D) Thyroid profile.
- (iii) A serum specimen shall be obtained and the following determinations made:
- (A) Serum multiphasic analysis (SMA 12);
 - (B) Serum testosterone;
 - (C) Serum follicle stimulating hormone (FSH);
 - (D) Serum luteinizing hormone (LH).
- (c) Information provided to the physician. The employer shall provide the following information to the examining physician:
- (i) A copy of this standard and its appendices;
 - (ii) A description of the affected employee's duties as they relate to the employee's exposure;
 - (iii) The level of DBCP to which the employee is exposed; and
 - (iv) A description of any personal protective equipment used or to be used.
- (d) Physician's written opinion. (i) The employer shall obtain a written opinion from the examining physician which shall include:
- (A) The results of the medical tests performed;
 - (B) The physician's opinion as to whether the employee has any detected medical condition which would place the employee at an increased risk of material impairment of health from exposure to DBCP;
 - (C) Any recommended limitations upon the employee's exposure to DBCP or upon the use of protective clothing and equipment such as respirators; and
 - (D) A statement that the employee was informed by the physician of the results of the medical examination, and any medical conditions which require further examination or treatment.
- (ii) The employer shall instruct the physician not to reveal in the written opinion specific findings or diagnoses unrelated to occupational exposure to DBCP.
- (iii) The employer shall provide a copy of the written opinion to the affected employee.
- (12) Employee information and training. (a) Training program. (i) Within thirty days of the effective date of this standard, the employer shall institute a training program for all employees who may be exposed to DBCP and shall assure their participation in such training program.
- (ii) The employer shall assure that each employee is informed of the following:
- (A) The information contained in Appendices A, B and C⁽¹⁾;
 - (B) The quantity, location, manner of use, release or storage of DBCP and the specific nature of operations which could result in exposure to DBCP as well as any necessary protective steps;
 - (C) The purpose, proper use, and limitations of respirators;
 - (D) The purpose and description of the medical surveillance program required by subsection (11) of this section; and
 - (E) A review of this standard.

(b) Access to training materials. (i) The employer shall make a copy of this standard and its appendices readily available to all affected employees.

(ii) The employer shall provide, upon request, all materials relating to the employee information and training program to the director.

(13) Signs and labels. (a) General. (i) The employer may use labels or signs required by other statutes, regulations, or ordinances in addition to or in combination with, signs and labels required by this subsection.

(ii) The employer shall assure that no statement appears on or near any sign or label required by this subsection which contradicts or detracts from the required sign or label.

(b) Signs. (i) The employer shall post signs to clearly indicate all work areas where DBCP may be present. These signs shall bear the legend:

DANGER

1,2-Dibromo-3-chloropropane

(Insert appropriate trade or common names)

CANCER HAZARD

AUTHORIZED PERSONNEL ONLY

(ii) Where airborne concentrations of DBCP exceed the permissible exposure limits, the signs shall bear the additional legend:

RESPIRATOR REQUIRED

(c) Labels. (i) The employer shall assure that precautionary labels are affixed to all containers of DBCP and of products containing DBCP, and that the labels remain affixed when the DBCP or products containing DBCP are sold, distributed, or otherwise leave the employer's workplace. Where DBCP or products containing DBCP are sold, distributed or otherwise leave the employer's workplace bearing appropriate labels required by EPA under the regulations in 40 CFR Part 162, the labels required by this subsection need not be affixed.

(ii) The employer shall assure that the precautionary labels required by this subsection are readily visible and legible. The labels shall bear the following legend:

DANGER

1,2-Dibromo-3-chloropropane

CANCER HAZARD

(14) Recordkeeping. (a) Exposure monitoring. (i) The employer shall establish and maintain an accurate record of all monitoring required by subsection (5) of this section.

(ii) This record shall include:

(A) The dates, number, duration and results of each of the samples taken, including a description of the sampling procedure used to determine representative employee exposure;

(B) A description of the sampling and analytical methods used;

(C) Type of respiratory worn, if any; and

(D) Name, social security number, and job classification of the employee monitored and of all other employees whose exposure the measurement is intended to represent.

(iii) The employer shall maintain this record for the effective period of this standard.

(b) Medical surveillance. (i) The employer shall establish and maintain an accurate record for each employee subject to medical surveillance required by subsection (11) of this section.

(ii) This record shall include:

(A) A copy of the physician's written opinion.

(B) Any employee medical complaints related to exposure to DBCP;

(C) A copy of the information provided the physician as required by subsection (11)(c) of this section; and

(D) A copy of the employee's work history.

(iii) The employer shall assure that this record be maintained for the effective period of this standard.

(c) Availability. (i) The employer shall assure that all records required to be maintained by this section be made available upon request to the director for examination and copying.

(ii) ~~((The employer shall assure that employee exposure monitoring records required by this section be made available upon request, for examination and copying to the affected employee or former employee, and their designated representatives.~~

~~(iii) The employer shall assure that employee medical records required to be maintained by this section be made available, upon request, for examination and copying to the affected employee or former employee, or to a physician designated by the affected employee or former employee or designated representative.)~~ Employee exposure monitoring records and employee medical records required by this subsection shall be provided upon request to employees' designated representatives and the assistant director in accordance with WAC 296-62-05201 through 296-62-05209; and WAC 296-62-05213 through 296-62-05217.

(d) Transfer of records. (i) If the employer ceases to do business, the successor employer shall receive and retain all records required to be maintained by this section for the prescribed period.

(ii) If the employer ceases to do business and there is no successor employer to receive and retain the records for the prescribed period, the employer shall transmit these records by mail to the director.

(iii) At the expiration of the retention period for the records required to be maintained under this section, the employer shall transmit these records by mail to the director.

(iv) The employer shall also comply with any additional requirements involving transfer of records set forth in WAC 296-62-05215.

(15) Observation of monitoring. (a) Employee observation. The employer shall provide affected employees, or their designated representatives, an opportunity to observe any monitoring of employee exposure to DBCP conducted under subsection (5) of this section.

(b) Observation procedures. (i) Whenever observation of the measuring or monitoring of employee exposure to

DBCP requires entry into an area where the use of protective clothing or equipment is required, the employer shall provide the observer with personal protective clothing or equipment required to be worn by employees working in the area, assure the use of such clothing and equipment, and require the observer to comply with all other applicable safety and health procedures.

(ii) Without interfering with the monitoring or measurement, observers shall be entitled to:

(A) Receive an explanation of the measurement procedures;

(B) Observe all steps related to the measurement of airborne concentrations of DBCP performed at the place of exposure; and

(C) Record the results obtained.

(16) Effective date. This standard will become effective 30 days after it is filed with the Code Reviser.

*⁽¹⁾ Appendices printed in addition to this section, and information contained therein is not intended, by itself, to create any additional obligations not otherwise imposed or to detract from any existing obligations. Appendices are available from:

The Technical Services Section
Division of Industrial Safety and Health
P.O. Box 207
Olympia, WA 98504 (206) 753-6381

AMENDATORY SECTION (Amending Order 79-9, filed 7/31/79)

WAC 296-62-07347 INORGANIC ARSENIC.

(1) Scope and application. This section applies to all occupational exposures to inorganic arsenic except that this section does not apply to employee exposures in agriculture or resulting from pesticide application, the treatment of wood with preservatives or the utilization of arsenically preserved wood.

(2) Definitions. (a) "Action level" - a concentration of inorganic arsenic of 5 micrograms per cubic meter of air ($5 \mu\text{g}/\text{m}^3$) averaged over any eight-hour period.

(b) "Authorized person" - any person specifically authorized by the employer whose duties require the person to enter a regulated area, or any person entering such an area as a designated representative of employees for the purpose of exercising the right to observe monitoring and measuring procedures under subsection (5) of this section.

(c) "Director" - the Director of the Department of Labor and Industries, or his designated representative.

(d) "Inorganic arsenic" - copper aceto-arsenite and all inorganic compounds containing arsenic except arsine, measured as arsenic (As).

(3) Permissible exposure limit. The employer shall assure that no employee is exposed to inorganic arsenic at concentrations greater than 10 micrograms per cubic meter of air ($10 \mu\text{g}/\text{m}^3$), averaged over any eight-hour period.

(4) Notification of use. (a) By October 1, 1978, or within sixty days after the introduction of inorganic arsenic into the workplace, every employer who is required to establish a regulated area in his workplaces shall report in writing to the Department of Labor and Industries for each such workplace:

- (i) The address of each such workplace;
- (ii) The approximate number of employees who will be working in regulated areas; and
- (iii) A brief summary of the operations creating the exposure and the actions which the employer intends to take to reduce exposures.

(b) Whenever there has been a significant change in the information required by subsection (4)(a) of this section, the employer shall report the changes in writing within sixty days to the Department of Labor and Industries.

(5) Exposure monitoring. (a) General. (i) Determinations of airborne exposure levels shall be made from air samples that are representative of each employee's exposure to inorganic arsenic over an eight-hour period.

(ii) For the purposes of this section, employee exposure is that exposure which would occur if the employee were not using a respirator.

(iii) The employer shall collect full shift (for at least seven continuous hours) personal samples including at least one sample for each shift for each job classification in each work area.

(b) Initial monitoring. Each employer who has a workplace or work operation covered by this standard shall monitor each such workplace and work operation to accurately determine the airborne concentration of inorganic arsenic to which employees may be exposed.

(c) Frequency. (i) If the initial monitoring reveals employee exposure to be below the action level the measurements need not be repeated except as otherwise provided in subsection (5)(d) of this section.

(ii) If the initial monitoring, required by this section, or subsequent monitoring reveals employee exposure to be above the permissible exposure limit, the employer shall repeat monitoring at least quarterly.

(iii) If the initial monitoring, required by this section, or subsequent monitoring reveals employee exposure to be above the action level and below the permissible exposure limit the employee shall repeat monitoring at least every six months.

(iv) The employer shall continue monitoring at the required frequency until at least two consecutive measurements, taken at least seven days apart, are below the action level at which time the employer may discontinue monitoring for that employee until such time as any of the events in subsection (5)(d) of this section occur.

(d) Additional monitoring. Whenever there has been a production, process, control or personal change which may result in new or additional exposure to inorganic arsenic, or whenever the employer has any other reason to suspect a change which may result in new or additional exposures to inorganic arsenic, additional monitoring which complies with subsection (5) of this section shall be conducted.

(e) Employee notification. (i) Within five working days after the receipt of monitoring results, the employer shall notify each employee in writing of the results which represent that employee's exposures.

(ii) Whenever the results indicate that the representative employee exposure exceeds the permissible exposure limit, the employer shall include in the written notice a

statement that the permissible exposure limit was exceeded and a description of the corrective action taken to reduce exposure to or below the permissible exposure limit.

(f) Accuracy of measurement. (i) The employer shall use a method of monitoring and measurement which has an accuracy (with a confidence level of 95 percent) of not less than plus or minus 25 percent for concentrations of inorganic arsenic greater than or equal to $10 \mu\text{g}/\text{m}^3$.

(ii) The employer shall use a method of monitoring and measurement which has an accuracy (with confidence level of 95 percent) of not less than plus or minus 35 percent for concentrations of inorganic arsenic greater than $5 \mu\text{g}/\text{m}^3$ but less than $10 \mu\text{g}/\text{m}^3$.

(6) Regulated area. (a) Establishment. The employer shall establish regulated areas where worker exposures to inorganic arsenic, without regard to the use of respirators, are in excess of the permissible limit.

(b) Demarcation. Regulated areas shall be demarcated and segregated from the rest of the workplace in any manner that minimizes the number of persons who will be exposed to inorganic arsenic.

(c) Access. Access to regulated areas shall be limited to authorized persons or to persons otherwise authorized by the Act or regulations issued pursuant thereto to enter such areas.

(d) Provision of respirators. All persons entering a regulated area shall be supplied with a respirator, selected in accordance with subsection (8)(b) of this section.

(e) Prohibited activities. The employer shall assure that in regulated areas, food or beverages are not consumed, smoking products, chewing tobacco and gum are not used and cosmetics are not applied, except that these activities may be conducted in the lunchrooms, change rooms and showers required under subsection (12) of this section. Drinking water may be consumed in the regulated area.

(7) Methods of compliance. (a) Controls. (i) The employer shall institute at the earliest possible time but not later than December 31, 1979, engineering and work practice controls to reduce exposures to or below the permissible exposure limit, except to the extent that the employer can establish that such controls are not feasible.

(ii) Where engineering and work practice controls are not sufficient to reduce exposures to or below the permissible exposure limit, they shall nonetheless be used to reduce exposures to the lowest levels achievable by these controls and shall be supplemented by the use of respirators in accordance with subsection (8) of this section and other necessary personal protective equipment. Employee rotation is not required as a control strategy before respiratory protection is instituted.

(b) Compliance program. (i) The employer shall establish and implement a written program to reduce exposures to or below the permissible exposure limit by means of engineering and work practice controls.

(ii) Written plans for these compliance programs shall include at least the following:

(A) A description of each operation in which inorganic arsenic is emitted; e.g., machinery used, material processed, controls in place, crew size, operating procedures and maintenance practices;

(B) Engineering plans and studies used to determine methods selected for controlling exposure to inorganic arsenic;

(C) A report of the technology considered in meeting the permissible exposure limit;

(D) Monitoring data;

(E) A detailed schedule for implementation of the engineering controls and work practices that cannot be implemented immediately and for the adaptation and implementation of any additional engineering and work practices necessary to meet the permissible exposure limit;

(F) Whenever the employer will not achieve the permissible exposure limit with engineering controls and work practices by December 31, 1979, the employer shall include in the compliance plan an analysis of the effectiveness of the various controls, shall install engineering controls and institute work practices on the quickest schedule feasible, and shall include in the compliance plan and implement a program to minimize the discomfort and maximize the effectiveness of respirator use; and

(G) Other relevant information.

(iii) Written plans for such a program shall be submitted upon request to the director, and shall be available at the worksite for examination and copying by the director, any affected employee or authorized employee representatives.

(iv) The plans required by this subsection shall be revised and updated at least every six months to reflect the current status of the program.

(8) Respiratory protection. (a) General. The employer shall assure that respirators are used where required under this section to reduce employee exposures to below the permissible exposure limit and in emergencies. Respirators shall be used in the following circumstances:

(i) During the time period necessary to install or implement feasible engineering or work practice controls;

(ii) In work operations such as maintenance and repair activities in which the employer establishes that engineering and work practice controls are not feasible;

(iii) In work situations in which engineering controls and supplemental work practice controls are not yet sufficient to reduce exposures to or below the permissible exposure limit; or

(iv) In emergencies.

(b) Respirator selection. (i) Where respirators are required under this section the employer shall select, provide at no cost to the employee and assure the use of the appropriate respirator or combination of respirators from Table I for inorganic arsenic compounds without significant vapor pressure, or Table II for inorganic arsenic compounds which have significant vapor pressure.

(ii) Where employee exposures exceed the permissible exposure limit for inorganic arsenic and also exceed the relevant limit for particular gasses such as sulfur

dioxide, any air purifying respirator supplied to the employee as permitted by this standard must have a combination high efficiency filter with an appropriate gas sorbent. (See footnote in Table I)

TABLE I
RESPIRATORY PROTECTION FOR INORGANIC ARSENIC PARTICULATE EXCEPT FOR THOSE WITH SIGNIFICANT VAPOR PRESSURE

Concentration of Inorganic Arsenic (as As) or Condition of Use.	Required Respirator
(i) Unknown or greater or lesser than 20,000 $\mu\text{g}/\text{m}^3$ (20 mg/m^3) or firefighting.	(A) Any full facepiece self-contained breathing apparatus operated in positive pressure mode.
(ii) Not greater than 20,000 $\mu\text{g}/\text{m}^3$ (20 mg/m^3)	(A) Supplied air respirator with full facepiece, hood, or helmet or suit and operated in positive pressure mode.
(iii) Not greater than 10,000 $\mu\text{g}/\text{m}^3$ (10 mg/m^3)	(A) Powered air-purifying respirators in all inlet face coverings with high-efficiency filters. (B) Half-mask supplied air respirators operated in positive pressure mode.
(iv) Not greater than 500 $\mu\text{g}/\text{m}^3$	(A) Full facepiece air-purifying respirator equipped with high-efficiency filter. ¹ (B) Any full facepiece supplied air respirator. (C) Any full facepiece self-contained breathing apparatus.
(v) Not greater than 100 $\mu\text{g}/\text{m}^3$	(A) Half-mask air-purifying respirator equipped with high-efficiency filter. ¹ (B) Any half-mask supplied air respirator.

¹High-efficiency filter—99.97 pct efficiency against 0.3 micrometer monodisperse diethyl-hexyl phthalate (DOP) particles.

TABLE II
RESPIRATORY PROTECTION FOR INORGANIC ARSENICALS (SUCH AS ARSENIC TRICHLORIDE² AND ARSENIC PHOSPHIDE) WITH SIGNIFICANT VAPOR PRESSURE

Concentration of Inorganic Arsenic (as As) or Condition of Use	Required Respirator
(i) Unknown or greater or lesser than 20,000 $\mu\text{g}/\text{m}^3$ (20 mg/m^3) or firefighting.	(A) Any full facepiece contained breathing apparatus operated in positive pressure mode.
(ii) Not greater than 20,000 $\mu\text{g}/\text{m}^3$ (20 mg/m^3)	(A) Supplied air respirator with full facepiece hood, or helmet or suit and operated in positive pressure mode. ²
(iii) Not greater than 10,000 $\mu\text{g}/\text{m}^3$ (10 mg/m^3)	(A) Half-mask ² supplied air respirator operated in positive pressure mode.
(iv) Not greater than 500 $\mu\text{g}/\text{m}^3$	(A) Front or back mounted gas mask equipped with high-efficiency filter and acid gas canister. (B) Any full facepiece supplied air respirator. (C) Any full facepiece self-contained breathing apparatus.
(v) Not greater than 100 $\mu\text{g}/\text{m}^3$	(A) Half-mask ² air-purifying respirator equipped with high-efficiency filter and acid gas cartridge. (B) Any half-mask supplied air respirator.

¹High efficiency filter-99.97 pct efficiency against 0.3 micrometer monodisperse diethyl-hexyl phthalate (DOP) particles.

²Half-mask respirators shall not be used for protection against arsenic trichloride, as it is rapidly absorbed through the skin.

(iii) The employer shall select respirators from among those approved for protection against dust, fume, and mist by the National Institute for Occupational Safety and Health (NIOSH) under the provisions of 30 CFR Part 11.

(c) Respirator usage. (i) The employer shall assure that the respirator issued to the employee exhibits minimum facepiece leakage and that the respirator is fitted properly.

(ii) The employer shall perform qualitative fit tests at the time of initial fitting and at least semi-annually thereafter for each employee wearing respirators, where quantitative fit tests are not required.

(iii) Employers with more than twenty employees wearing respirators shall perform a quantitative face fit test at the time of initial fitting and at least semi-annually thereafter for each employee wearing negative pressure respirators. The test shall be used to select facepieces that provide the required protection as prescribed in Table I or II.

(iv) If an employee has demonstrated difficulty in breathing during the fitting test or during use, he or she shall be examined by a physician trained in pulmonary medicine to determine whether the employee can wear a respirator while performing the required duty.

(d) Respirator program. (i) The employer shall institute a respiratory protection program in accordance with WAC 296-24-08103, 296-24-08107, 296-24-08109 and 296-24-08111.

(ii) The employer shall permit each employee who uses a filter respirator to change the filter elements whenever an increase in breathing resistance is detected and shall maintain an adequate supply of filter elements for this purpose.

(iii) Employees who wear respirators shall be permitted to leave work areas to wash their face and respirator facepiece to prevent skin irritation associated with respirator use.

(e) Commencement of respirator use. (i) The employer's obligation to provide respirators commences on August 1, 1978, for employees exposed over 500 $\mu\text{g}/\text{m}^3$ of inorganic arsenic, as soon as possible but not later than October 1, 1978, for employees exposed to over 50 $\mu\text{g}/\text{m}^3$ of inorganic arsenic, and as soon as possible but not later than December 1, 1978, for employees exposed between 10 and 50 $\mu\text{g}/\text{m}^3$ of inorganic arsenic.

(ii) Employees with exposures below 50 $\mu\text{g}/\text{m}^3$ of inorganic arsenic may choose not to wear respirators until December 31, 1979.

(iii) After December 1, 1978, any employee required to wear air purifying respirators may choose, and if so chosen the employer must provide, if it will give proper protection, a powered air purifying respirator and in addition if necessary a combination dust and acid gas respirator for times where exposures to gases are over the relevant exposure limits.

(9) RESERVED.

(10) Protective work clothing and equipment. (a) Provision and use. Where the possibility of skin or eye irritation from inorganic arsenic exists, and for all workers working in regulated areas, the employer shall provide at no cost to the employee and assure that employees use appropriate and clean protective work clothing and equipment such as, but not limited to:

(i) Coveralls or similar full-body work clothing;

(ii) Gloves, and shoes or coverlets;

(iii) Face shields or vented goggles when necessary to prevent eye irritation, which comply with the requirements of WAC 296-24-07801(1) - (6).

(iv) Impervious clothing for employees subject to exposure to arsenic trichloride.

(b) Cleaning and replacement. (i) The employer shall provide the protective clothing required in subsection (10)(a) of this section in a freshly laundered and dry condition at least weekly, and daily if the employee works in areas where exposures are over 100 $\mu\text{g}/\text{m}^3$ of inorganic arsenic or in areas where more frequent washing is needed to prevent skin irritation.

(ii) The employer shall clean, launder, or dispose of protective clothing required by subsection (10)(a) of this section.

(iii) The employer shall repair or replace the protective clothing and equipment as needed to maintain their effectiveness.

(iv) The employer shall assure that all protective clothing is removed at the completion of a work shift only in change rooms prescribed in subsection (13)(a) of this section.

(v) The employer shall assure that contaminated protective clothing which is to be cleaned, laundered, or disposed of, is placed in a closed container in the change-room which prevents dispersion of inorganic arsenic outside the container.

(vi) The employer shall inform in writing any person who cleans or launders clothing required by this section, of the potentially harmful effects including the carcinogenic effects of exposure to inorganic arsenic.

(vii) The employer shall assure that the containers of contaminated protective clothing and equipment in the workplace or which are to be removed from the workplace are labeled as follows:

CAUTION: Clothing contaminated with inorganic arsenic; do not remove dust by blowing or shaking. Dispose of inorganic arsenic contaminated wash water in accordance with applicable local, state, or Federal regulations.

(viii) The employer shall prohibit the removal of inorganic arsenic from protective clothing or equipment by blowing or shaking.

(11) Housekeeping. (a) Surfaces. All surfaces shall be maintained as free as practicable of accumulations of inorganic arsenic.

(b) Cleaning floors. Floors and other accessible surfaces contaminated with inorganic arsenic may not be cleaned by the use of compressed air, and shoveling and brushing may be used only where vacuuming or other relevant methods have been tried and found not to be effective.

(c) Vacuuming. Where vacuuming methods are selected, the vacuums shall be used and emptied in a manner to minimize the reentry of inorganic arsenic into the workplace.

(d) Housekeeping plan. A written housekeeping and maintenance plan shall be kept which shall list appropriate frequencies for carrying out housekeeping operations, and for cleaning and maintaining dust collection equipment. The plan shall be available for inspection by the director.

(e) Maintenance of equipment. Periodic cleaning of dust collection and ventilation equipment and checks of their effectiveness shall be carried out to maintain the effectiveness of the system and a notation kept of the last check of effectiveness and cleaning or maintenance.

(12) RESERVED.

(13) Hygiene facilities and practices. (a) Change rooms. The employer shall provide for employees working in regulated areas or subject to the possibility of skin or eye irritation from inorganic arsenic, clean change rooms equipped with storage facilities for street clothes and separate storage facilities for protective clothing and equipment in accordance with WAC 296-24-12011.

(b) Showers. (i) The employer shall assure that employees working in regulated areas or subject to the possibility of skin or eye irritation from inorganic arsenic shower at the end of the work shift.

(ii) The employer shall provide shower facilities in accordance with WAC 296-24-12009(3).

(c) Lunchrooms. (i) The employer shall provide for employees working in regulated areas, lunchroom facilities which have a temperature controlled, positive pressure, filtered air supply, and which are readily accessible to employees working in regulated areas.

(ii) The employer shall assure that employees working in the regulated area or subject to the possibility of skin or eye irritation from exposure to inorganic arsenic wash their hands and face prior to eating.

(d) Lavatories. The employer shall provide lavatory facilities which comply with WAC 296-24-12009(1) and (2).

(e) Vacuuming clothes. The employer shall provide facilities for employees working in areas where exposure, without regard to the use of respirators, exceeds $100 \mu\text{g}/\text{m}^3$ to vacuum their protective clothing and clean or change shoes worn in such areas before entering change rooms, lunchrooms or shower rooms required by subsection (10) of this section and shall assure that such employees use such facilities.

(f) Avoidance of skin irritation. The employer shall assure that no employee is exposed to skin or eye contact with arsenic trichloride, or to skin or eye contact with liquid or particulate inorganic arsenic which is likely to cause skin or eye irritation.

(14) Medical surveillance. (a) General. (i) Employees covered. The employer shall institute a medical surveillance program for the following employees:

(A) All employees who are or will be exposed above the action level, without regard to the use of respirators, at least thirty days per year; and

(B) All employees who have been exposed above the action level, without regard to respirator use, for thirty

days or more per year for a total of ten years or more of combined employment with the employer or predecessor employers prior to or after the effective date of this standard. The determination of exposures prior to the effective date of this standard shall be based upon prior exposure records, comparison with the first measurements taken after the effective date of this standard, or comparison with records of exposures in areas with similar processes, extent of engineering controls utilized and materials used by that employer.

(ii) Examination by physician. The employer shall assure that all medical examinations and procedures are performed by or under the supervision of a licensed physician, and shall be provided without cost to the employee, without loss of pay and at a reasonable time and place.

(b) Initial examinations. By December 1, 1978, for employees initially covered by the medical provisions of this section, or thereafter at the time of initial assignment to an area where the employee is likely to be exposed over the action level at least thirty days per year, the employer shall provide each affected employee an opportunity for a medical examination, including at least the following elements:

(i) A work history and a medical history which shall include a smoking history and the presence and degree of respiratory symptoms such as breathlessness, cough, sputum production and wheezing.

(ii) A medical examination which shall include at least the following:

(A) A 14" by 17" posterior-anterior chest X-ray and International Labor Office UICC/Cincinnati (ILO U/C) rating;

(B) A nasal and skin examination;

(C) A sputum cytology examination; and

(D) Other examinations which the physician believes appropriate because of the employees exposure to inorganic arsenic or because of required respirator use.

(c) Periodic examinations. (i) The employer shall provide the examinations specified in subsections (14)(b)(i) and (14)(b)(ii)(A), (B) and (D) of this section at least annually for covered employees who are under forty-five years of age with fewer than ten years of exposure over the action level without regard to respirator use.

(ii) The employer shall provide the examinations specified in subsections (14)(b)(i) and (ii) of this section at least semi-annually for other covered employees.

(iii) Whenever a covered employee has not taken the examinations specified in subsection (14)(b)(i) and (ii) of this section within six months preceding the termination of employment, the employer shall provide such examinations to the employee upon termination of employment.

(d) Additional examinations. If the employee for any reason develops signs or symptoms commonly associated with exposure to inorganic arsenic the employer shall provide an appropriate examination and emergency medical treatment.

(e) Information provided to the physician. The employer shall provide the following information to the examining physician:

(i) A copy of this standard and its appendices;

(ii) A description of the affected employee's duties as they relate to the employee's exposure;

(iii) The employee's representative exposure level or anticipated exposure level;

(iv) A description of any personal protective equipment used or to be used; and

(v) Information from previous medical examinations of the affected employee which is not readily available to the examining physician.

(f) Physician's written opinion. (i) The employer shall obtain a written opinion from the examining physician which shall include:

(A) The results of the medical examination and tests performed;

(B) The physician's opinion as to whether the employee has any detected medical conditions which would place the employee at increased risk of material impairment of the employee's health from exposure to inorganic arsenic;

(C) Any recommended limitations upon the employee's exposure to inorganic arsenic or upon the use of protective clothing or equipment such as respirators; and

(D) A statement that the employee has been informed by the physician of the results of the medical examination and any medical conditions which require further explanation or treatment.

(ii) The employer shall instruct the physician not to reveal in the written opinion specific findings or diagnoses unrelated to occupational exposure.

(iii) The employer shall provide a copy of the written opinion to the affected employee.

(15) Employee information and training. (a) Training program. (i) The employer shall institute a training program for all employees who are subject to exposure to inorganic arsenic above the action level without regard to respirator use, or for whom there is the possibility of skin or eye irritation from inorganic arsenic. The employer shall assure that those employees participate in the training program.

(ii) The training program shall be provided by October 1, 1978 for employees covered by this provision, at the time of initial assignment for those subsequently covered by this provision, and shall be repeated at least quarterly for employees who have optional use of respirators and at least annually for other covered employees thereafter, and the employer shall assure that each employee is informed of the following:

(A) The information contained in Appendix A;

(B) The quantity, location, manner of use, storage, sources of exposure, and the specific nature of operations which could result in exposure to inorganic arsenic as well as any necessary protective steps;

(C) The purpose, proper use, and limitation of respirators;

(D) The purpose and a description of medical surveillance program as required by subsection (14) of this section;

(E) The engineering controls and work practices associated with the employee's job assignment; and

(F) A review of this standard.

(b) Access to training materials. (i) The employer shall make readily available to all affected employees a copy of this standard and its appendices.

(ii) The employer shall provide, upon request, all materials relating to the employee information and training program to the Director.

(16) Signs and labels. (a) General. (i) The employer may use labels or signs required by other statutes, regulations, or ordinances in addition to, or in combination with, signs and labels required by this subsection.

(ii) The employer shall assure that no statement appears on or near any sign or label required by this subsection which contradicts or detracts from the meaning of the required sign or label.

(b) Signs. (i) The employer shall post signs demarcating regulated areas bearing the legend:

DANGER
INORGANIC ARSENIC
CANCER HAZARD
AUTHORIZED PERSONNEL ONLY
NO SMOKING OR EATING
RESPIRATOR REQUIRED

(ii) The employer shall assure that signs required by this subsection are illuminated and cleaned as necessary so that the legend is readily visible.

(c) Labels. The employer shall apply precautionary labels to all shipping and storage containers of inorganic arsenic, and to all products containing inorganic arsenic except when the inorganic arsenic in the product is bound in such a manner so as to make unlikely the possibility of airborne exposure to inorganic arsenic. (Possible examples of products not requiring labels are semiconductors, light emitting diodes and glass.) The label shall bear the following legend:

DANGER
CONTAINS INORGANIC ARSENIC
CANCER HAZARD
HARMFUL IF INHALED OR
SWALLOWED
USE ONLY WITH ADEQUATE
VENTILATION
OR RESPIRATORY PROTECTION

(17) Recordkeeping. (a) Exposure monitoring. (i) The employer shall establish and maintain an accurate record of all monitoring required by subsection (5) of this section.

(ii) This record shall include:

(A) The date(s), number, duration location, and results of each of the samples taken, including a description of the sampling procedure used to determine representative employee exposure where applicable;

(B) A description of the sampling and analytical methods used and evidence of their accuracy;

(C) The type of respiratory protective devices worn, if any;

(D) Name, social security number, and job classification of the employees monitored and of all other employees whose exposure the measurement is intended to represent; and

(E) The environmental variables that could affect the measurement of the employee's exposure.

(iii) The employer shall maintain these monitoring records for at least forty years or for the duration of employment plus twenty years, whichever is longer.

(b) Medical surveillance. (i) The employer shall establish and maintain an accurate record for each employee subject to medical surveillance as required by subsection (14) of this section.

(ii) This record shall include:

(A) The name, social security number, and description of duties of the employee;

(B) A copy of the physician's written opinions;

(C) Results of any exposure monitoring done for that employee and the representative exposure levels supplied to the physician; and

(D) Any employee medical complaints related to exposure to inorganic arsenic.

(iii) The employer shall in addition keep, or assure that the examining physician keeps, the following medical records:

(A) A copy of the medical examination results including medical and work history required under subsection (14) of this section;

(B) A description of the laboratory procedures and a copy of any standards or guidelines used to interpret the test results or references to that information;

(C) The initial X-ray;

(D) The X-rays for the most recent five years;

(E) Any X-rays with a demonstrated abnormality and all subsequent X-rays;

(F) The initial cytologic examination slide and written description;

(G) The cytologic examination slide and written description for the most recent five years; and

(H) Any cytologic examination slides with demonstrated atypia, if such atypia persists for three years, and all subsequent slides and written descriptions.

(iv) The employer shall maintain or assure that the physician maintains those medical records for at least forty years, or for the duration of employment, plus twenty years, whichever is longer.

(c) Availability. (i) The employer shall make available upon request all records required to be maintained by subsection (17) of this section to the director for examination and copying.

(ii) ~~((The employer shall make available upon request records of employee exposure monitoring required by subsection (17)(a) of this section for inspection and copying to affected employees, former employees and their designated representatives.))~~ Records required by this subsection shall be provided upon request to employees, designated representatives, and the assistant director in accordance with WAC 296-62-05201 through 296-62-05209 and 296-62-05213 through 296-62-05217.

(iii) The employer shall make available upon request an employee's medical records and exposure records

representative of that employee's exposure required to be maintained by subsection (17) of this section to the affected employee or former employee or to a physician designated by the affected employee or former employee.

(d) Transfer of records. (i) Whenever the employer ceases to do business, the successor employer shall receive and retain all records required to be maintained by this section.

(ii) Whenever the employer ceases to do business and there is no successor employer to receive and retain the records required to be maintained by this section for the prescribed period, these records shall be transmitted to the director.

(iii) At the expiration of the retention period for the records required to be maintained by this section, the employer shall notify the director at least three months prior to the disposal of such records and shall transmit those records to the director if he requests them within that period.

(iv) The employer shall also comply with any additional requirements involving transfer of records set forth in WAC 296-62-05215.

(18) Observation of monitoring. (a) Employee observation. The employer shall provide affected employees or their designated representatives an opportunity to observe any monitoring of employee exposure to inorganic arsenic conducted pursuant to subsection (5) of this section.

(b) Observation procedures. (i) Whenever observation of the monitoring of employee exposure to inorganic arsenic requires entry into an area where the use of respirators, protective clothing, or equipment is required, the employer shall provide the observer with and assure the use of such respirators, clothing, and such equipment, and shall require the observer to comply with all other applicable safety and health procedures.

(ii) Without interfering with the monitoring, observers shall be entitled to;

(A) Receive an explanation of the measurement procedures;

(B) Observe all steps related to the monitoring of inorganic arsenic performed at the place of exposure; and

(C) Record the results obtained or receive copies of the results when returned by the laboratory.

(19) Effective date. This standard shall become effective thirty days after filing with the Code Reviser.

(20) Appendices. The information contained in the appendices to this section is not intended by itself, to create any additional obligations not otherwise imposed by this standard nor detract from any existing obligation.

(21) Startup dates. (a) General. The startup dates of requirements of this standard shall be the effective date of this standard unless another startup date is provided for, either in other subsections of this section or in this subsection.

(b) Monitoring. Initial monitoring shall be commenced by August 1, 1978, and shall be completed by September 15, 1978.

(c) Regulated areas. Regulated areas required to be established as a result of initial monitoring shall be set

up as soon as possible after the results of that monitoring is known and no later than October 1, 1978.

(d) Compliance program. The written program required by subsection (7)(b) as a result of initial monitoring shall be made available for inspection and copying as soon as possible and no later than December 1, 1978.

(e) Hygiene and lunchroom facilities. Construction plans for change-rooms, showers, lavatories, and lunchroom facilities shall be completed no later than December 1, 1978, and these facilities shall be constructed and in use no later than July 1, 1979. However, if as part of the compliance plan it is predicted by an independent engineering firm that engineering controls and work practices will reduce exposures below the permissible exposure limit by December 31, 1979, for affected employees, then such facilities need not be completed until one year after the engineering controls are completed or December 31, 1980, whichever is earlier, if such controls have not in fact succeeded in reducing exposure to below the permissible exposure limit.

(f) Summary of startup dates set forth elsewhere in this standard.

STARTUP DATES

August 1, 1978 – Respirator use over $500 \mu\text{g}/\text{m}^3$.

AS SOON AS POSSIBLE BUT NO LATER THAN

September 15, 1978 – Completion of initial monitoring.

October 1, 1978 – Complete establishment of regulated areas. Respirator use for employees exposed above $50 \mu\text{g}/\text{m}^3$. Completion of initial training. Notification of use.

December 1, 1978 – Respirator use over $10 \mu\text{g}/\text{m}^3$. Completion of initial medical. Completion of compliance plan. Optional use of powered air-purifying respirators.

July 1, 1979 – Completion of lunch rooms and hygiene facilities.

December 31, 1979 – Completion of engineering controls.

All other requirements of the standard have as their startup date August 1, 1978.

AMENDATORY SECTION (Amending Order 80-16, filed 8/8/80)

WAC 296-62-07349 LEAD. (1) Scope and application.

(a) This section applies to all occupational exposure to lead, except as provided in subdivision (1)(b).

(b) This section does not apply to the construction industry or to agricultural operations covered by chapter 296-306 WAC.

(2) Definitions as applicable to this part.

(a) "Action level" – employee exposure, without regard to the use of respirators, to an airborne concentration of lead of thirty micrograms per cubic meter of air ($30 \mu\text{g}/\text{m}^3$) averaged over an eight-hour period.

(b) "Director" – the director of the department of labor and industries.

(c) "Lead" – metallic lead, all inorganic lead compounds, and organic lead soaps. Excluded from this definition are all other organic lead compounds.

(3) Permissible exposure limit (PEL).

(a) The employer shall assure that no employee is exposed to lead at concentrations greater than fifty micrograms per cubic meter of air ($50 \mu\text{g}/\text{m}^3$) averaged over an eight-hour period.

(b) If an employee is exposed to lead for more than eight hours in any work day, the permissible exposure limit, as a time weighted average (TWA) for that day, shall be reduced according to the following formula:

$$\text{Maximum permissible limit (in } \mu\text{g}/\text{m}^3) = 400 \div \text{hours worked in the day.}$$

(c) When respirators are used to supplement engineering and work practice controls to comply with the PEL and all the requirements of subsection (6) have been met, employee exposure, for the purpose of determining whether the employer has complied with the PEL, may be considered to be at the level provided by the protection factor of the respirator for those periods the respirator is worn. Those periods may be averaged with exposure levels during periods when respirators are not worn to determine the employee's daily TWA exposure.

(4) Exposure monitoring.

(a) General.

(i) For the purposes of subsection (4), employee exposure is that exposure which would occur if the employee were not using a respirator.

(ii) With the exception of monitoring under subdivision (4)(c), the employer shall collect full shift (for at least seven continuous hours) personal samples including at least one sample for each shift for each job classification in each work area.

(iii) Full shift personal samples shall be representative of the monitored employee's regular, daily exposure to lead.

(b) Initial determination. Each employer who has a workplace or work operation covered by this standard shall determine if any employee may be exposed to lead at or above the action level.

(c) Basis of initial determination.

(i) The employer shall monitor employee exposures and shall base initial determinations on the employee exposure monitoring results and any of the following, relevant considerations:

(A) Any information, observations, or calculations which would indicate employee exposure to lead;

(B) Any previous measurements of airborne lead; and

(C) Any employee complaints of symptoms which may be attributable to exposure to lead.

(ii) Monitoring for the initial determination may be limited to a representative sample of the exposed employees who the employer reasonably believes are exposed to the greatest airborne concentrations of lead in the workplace.

(iii) Measurements of airborne lead made in the preceding twelve months may be used to satisfy the requirement to monitor under item (4)(c)(i) if the

sampling and analytical methods used meet the accuracy and confidence levels of subdivision (4)(i) of this section.

(d) Positive initial determination and initial monitoring.

(i) Where a determination conducted under subdivision (4)(b) and (4)(c) of this section shows the possibility of any employee exposure at or above the action level, the employer shall conduct monitoring which is representative of the exposure for each employee in the workplace who is exposed to lead.

(ii) Measurements of airborne lead made in the preceding twelve months may be used to satisfy this requirement if the sampling and analytical methods used meet the accuracy and confidence levels of subdivision (4)(i) of this section.

(e) Negative initial determination. Where a determination, conducted under subdivisions (4)(b) and (4)(c) of this section is made that no employee is exposed to airborne concentrations of lead at or above the action level, the employer shall make a written record of such determination. The record shall include at least the information specified in subdivision (4)(c) of this section and shall also include the date of determination, location within the worksite, and the name and social security number of each employee monitored.

(f) Frequency.

(i) If the initial monitoring reveals employee exposure to be below the action level the measurements need not be repeated except as otherwise provided in subdivision (4)(g) of this section.

(ii) If the initial determination or subsequent monitoring reveals employee exposure to be at or above the action level but below the permissible exposure limit the employer shall repeat monitoring in accordance with this subsection at least every six months. The employer shall continue monitoring at the required frequency until at least two consecutive measurements, taken at least seven days apart, are below the action level at which time the employer may discontinue monitoring for that employee except as otherwise provided in subdivision (4)(g) of this section.

(iii) If the initial monitoring reveals that employee exposure is above the permissible exposure limit the employer shall repeat monitoring quarterly. The employer shall continue monitoring at the required frequency until at least two consecutive measurements, taken at least seven days apart, are below the PEL but at or above the action level at which time the employer shall repeat monitoring for that employee at the frequency specified in item (4)(f)(ii), except as otherwise provided in subdivision (4)(g) of this section.

(g) Additional monitoring. Whenever there has been a production, process, control or personnel change which may result in new or additional exposure to lead, or whenever the employer has any other reason to suspect a change which may result in new or additional exposures to lead, additional monitoring in accordance with this subsection shall be conducted.

(h) Employee notification.

(i) Within five working days after the receipt of monitoring results, the employer shall notify each employee

in writing of the results which represent that employee's exposure.

(ii) Whenever the results indicate that the representative employee exposure, without regard to respirators, exceeds the permissible exposure limit, the employer shall include in the written notice a statement that the permissible exposure limit was exceeded and a description of the corrective action taken or to be taken to reduce exposure to or below the permissible exposure limit.

(i) Accuracy of measurement. The employer shall use a method of monitoring and analysis which has an accuracy (to a confidence level of ninety-five percent) of not less than plus or minus twenty percent for airborne concentrations of lead equal to or greater than 30 $\mu\text{g}/\text{m}^3$.

(5) Method of compliance.

(a) Engineering and work practice controls. The employer shall implement engineering and work practice controls (including administrative controls) to reduce and maintain employee exposure to lead in accordance with the implementation schedule in Table I. Failure to achieve exposure levels without regard to respirators is sufficient to establish a violation of this provision.

TABLE I
IMPLEMENTATION SCHEDULE

Industry ¹	Compliance Dates ²		
	200 $\mu\text{g}/\text{m}^3$	100 $\mu\text{g}/\text{m}^3$	50 $\mu\text{g}/\text{m}^3$
Primary lead production	(3)	3	10
Secondary lead production	(3)	3	5
Lead-acid battery manufacturing	(3)	2	5
Nonferrous foundries	(3)	1	5
Lead pigment manufacturing	(3)	3	5
All other industries	(3)	Not Applicable	1

¹ Includes ancillary activities located on the same worksite.

² Expressed as the number of years from the effective date by which compliance with the given airborne exposure level, as an eight-hour TWA, must be achieved.

³ On effective date. This continues an obligation from WAC 296-62-07515 Table 1 which had been in effect since 1973.

(b) Respiratory protection. Where engineering and work practice controls do not reduce employee exposure to or below the 50 $\mu\text{g}/\text{m}^3$ permissible exposure limit, the employer shall supplement these controls with respirators in accordance with subsection (6).

(c) Compliance program.

(i) Each employer shall establish and implement a written compliance program to reduce exposures to or below the permissible exposure limit, and interim levels if applicable, solely by means of engineering and work practice controls in accordance with the implementation schedule in subdivision (5)(a).

(ii) Written plans for these compliance programs shall include at least the following:

(A) A description of each operation in which lead is emitted; e.g., machinery used, material processed, controls in place, crew size, employee job responsibilities, operating procedures and maintenance practices;

(B) A description of the specific means that will be employed to achieve compliance, including engineering plans and studies used to determine methods selected for controlling exposure to lead;

(C) A report of the technology considered in meeting the permissible exposure limit;

(D) Air monitoring data which documents the source of lead emissions;

(E) A detailed schedule for implementation of the program, including documentation such as copies of purchase orders for equipment, construction contracts, etc.;

(F) A work practice program which includes items required under subsections (7), (8) and (9) of this regulation;

(G) An administrative control schedule required by subdivision (5)(f), if applicable; and

(H) Other relevant information.

(iii) Written programs shall be submitted upon request to the director, and shall be available at the work-site for examination and copying by the director, any affected employee or authorized employee representatives.

(iv) Written programs shall be revised and updated at least every six months to reflect the current status of the program.

(d) Bypass of interim level. Where an employer's compliance plan provides for a reduction of employee exposures to or below the PEL solely by means of engineering and work practice controls in accordance with the implementation schedule in Table I, and the employer has determined that compliance with the 100 $\mu\text{g}/\text{m}^3$ interim level would divert resources to the extent that it clearly precludes compliance, otherwise attainable, with the PEL by the required time, the employer may proceed with the plan to comply with the PEL in lieu of compliance with the interim level if:

(i) The compliance plan clearly documents the basis of the determination;

(ii) The employer takes all feasible steps to provide maximum protection for employees until the PEL is met; and

(iii) The employer notifies the director in writing within ten working days of the completion or revision of the compliance plan reflecting the determination.

(e) Mechanical ventilation.

(i) When ventilation is used to control exposure, measurements which demonstrate the effectiveness of the system in controlling exposure, such as capture velocity, duct velocity, or static pressure shall be made at least every three months. Measurements of the system's effectiveness in controlling exposure shall be made within five days of any change in production, process, or control which might result in a change in employee exposure to lead.

(ii) Recirculation of air. If air from exhaust ventilation is recirculated into the workplace, the employer shall assure that (A) the system has a high efficiency filter with reliable back-up filter; and (B) controls to monitor the concentration of lead in the return air and to bypass the recirculation system automatically, if it fails are installed, operating, and maintained.

(f) Administrative controls. If administrative controls are used as a means of reducing employees TWA exposure to lead, the employer shall establish and implement a job rotation schedule which includes:

(i) Name or identification number of each affected employee;

(ii) Duration and exposure levels at each job or work station where each affected employee is located; and

(iii) Any other information which may be useful in assessing the reliability of administrative controls to reduce exposure to lead.

(6) Respiratory protection.

(a) General. Where the use of respirators is required under this section, the employer shall provide, at no cost to the employee, and assure the use of respirators which comply with the requirements of this subsection. Respirators shall be used in the following circumstances:

(i) During the time period necessary to install or implement engineering or work practice controls, except that after the dates for compliance with the interim levels in Table I, no employer shall require an employee to wear a negative pressure respirator longer than 4.4 hours per day;

(ii) In work situations in which engineering and work practice controls are not sufficient to reduce exposures to or below the permissible exposure limit; and

(iii) Whenever an employee requests a respirator.

(b) Respirator selection.

(i) Where respirators are required under this section the employer shall select the appropriate respirator or combination of respirators from Table II.

TABLE II

RESPIRATORY PROTECTION FOR LEAD AEROSOLS

Airborne Concentration of Lead or Condition of Use	Required Respirator ¹
Not in excess of 0.5 mg/m ³ (10X PEL).	Half-mask, air-purifying respirator equipped with high efficiency filters. ^{2,3}
Not in excess of 2.5 mg/m ³ (50X PEL).	Full facepiece, air-purifying respirator with high efficiency filters. ³
Not in excess of 50 mg/m ³ (1000X PEL).	(1) Any powered, air-purifying respirator with high efficiency filters ² ; or (2) Half-mask supplied air respirator operated in positive-pressure mode. ⁴
Not in excess of 100 mg/m ³ (2000X PEL).	Supplied-air respirators with full facepiece, hood, helmet, or suit, operated in positive pressure mode.
Greater than 100 mg/m ³ , unknown concentration or fire fighting.	Full facepiece, self-contained breathing apparatus operated in positive-pressure mode.

¹ Respirators specified for high concentrations can be used at lower concentrations of lead.

² Full facepiece is required if the lead aerosols cause eye or skin irritation at the use concentrations.

³ A high efficiency particulate filter means 99.97 percent efficient against 0.3 micron size particles.

(ii) The employer shall provide a powered, air-purifying respirator in lieu of the respirator specified, in Table II whenever:

(A) An employee chooses to use this type of respirator; and

(B) This respirator will provide adequate protection to the employee.

(iii) The employer shall select respirators from among those approved for protection against lead dust, fume, and mist by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health (NIOSH) under the provisions of 30 CFR Part 11.

(c) Respirator usage.

(i) The employer shall assure that the respirator issued to the employee exhibits minimum facepiece leakage and that the respirator is fitted properly.

(ii) Employers shall perform quantitative face fit tests at the time of initial fitting and at least semiannually thereafter for each employee wearing negative pressure respirators. The test shall be used to select facepieces that provide the required protection as prescribed in Table II.

(iii) If an employee exhibits difficulty in breathing during the fitting test or during use, the employer shall make available to the employee an examination in accordance with subitem (10)(c)(i)(C) of this section to determine whether the employee can wear a respirator while performing the required duty.

(d) Respirator program.

(i) The employer shall institute a respiratory protection program in accordance with WAC 296-24-08103, 296-24-08107, 296-24-08109 and 296-24-08111.

(ii) The employer shall permit each employee who uses a filter respirator to change the filter elements whenever an increase in breathing resistance is detected and shall maintain an adequate supply of filter elements for this purpose.

(iii) Employees who wear respirators shall be permitted to leave work areas to wash their face and respirator facepiece whenever necessary to prevent skin irritation associated with respirator use.

(7) Protective work clothing and equipment.

(a) Provision and use. If an employee is exposed to lead above the PEL, without regard to the use of respirators or where the possibility of skin or eye irritation exists, the employer shall provide at no cost to the employee and assure that the employee uses appropriate protective work clothing and equipment such as, but not limited to:

(i) Coveralls or similar full-body work clothing;

(ii) Gloves, hats, and shoes or disposable shoe covers; and

(iii) Face shields, vented goggles, or other appropriate protective equipment which complies with WAC 296-24-078.

(b) Cleaning and replacement.

(i) The employer shall provide the protective clothing required in subdivision (7)(a) of this section in a clean and dry condition at least weekly, and daily to employees whose exposure levels without regard to a respirator are over $200 \mu\text{g}/\text{m}^3$ of lead as an eight-hour TWA.

(ii) The employer shall provide for the cleaning, laundering, or disposal of protective clothing and equipment required by subdivision (7)(a) of this section.

(iii) The employer shall repair or replace required protective clothing and equipment as needed to maintain their effectiveness.

(iv) The employer shall assure that all protective clothing is removed at the completion of a work shift only in change rooms provided for that purpose as prescribed in subdivision (9)(b) of this section.

(v) The employer shall assure that contaminated protective clothing which is to be cleaned, laundered, or disposed of, is placed in a closed container in the change-room which prevents dispersion of lead outside the container.

(vi) The employer shall inform in writing any person who cleans or launders protective clothing or equipment of the potentially harmful effects of exposure to lead.

(vii) The employer shall assure that the containers of contaminated protective clothing and equipment required by subdivision (7)(b)(v) are labeled as follows:

CAUTION: CLOTHING CONTAMINATED WITH LEAD. DO NOT REMOVE DUST BY BLOWING OR SHAKING. DISPOSE OF LEAD CONTAMINATED WASH WATER IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, OR FEDERAL REGULATIONS.

(viii) The employer shall prohibit the removal of lead from protective clothing or equipment by blowing, shaking, or any other means which disperses lead into the air.

(8) Housekeeping.

(a) Surfaces. All surfaces shall be maintained as free as practicable of accumulations of lead.

(b) Cleaning floors.

(i) Floors and other surfaces where lead accumulates may not be cleaned by the use of compressed air.

(ii) Shoveling, dry or wet sweeping, and brushing may be used only where vacuuming or other equally effective methods have been tried and found not to be effective.

(c) Vacuuming. Where vacuuming methods are selected, the vacuums shall be used and emptied in a manner which minimizes the reentry of lead into the workplace.

(9) Hygiene facilities and practices.

(a) The employer shall assure that in areas where employees are exposed to lead above the PEL, without regard to the use of respirators, food or beverage is not present or consumed, tobacco products are not present or used, and cosmetics are not applied, except in change rooms, lunchrooms, and showers required under subdivision (9)(b) through (9)(d) of this section.

(b) Change rooms.

(i) The employer shall provide clean change rooms for employees who work in areas where their airborne exposure to lead is above the PEL, without regard to the use of respirators.

(ii) The employer shall assure that change rooms are equipped with separate storage facilities for protective work clothing and equipment and for street clothes which prevent cross-contamination.

(c) Showers.

(i) The employer shall assure that employees who work in areas where their airborne exposure to lead is

above the PEL, without regard to the use of respirators, shower at the end of the work shift.

(ii) The employer shall provide shower facilities in accordance with WAC 296-24-12009.

(iii) The employer shall assure that employees who are required to shower pursuant to item (9)(c)(i) do not leave the workplace wearing any clothing or equipment worn during the work shift.

(d) Lunchrooms.

(i) The employer shall provide lunchroom facilities for employees who work in areas where their airborne exposure to lead is above the PEL, without regard to the use of respirators.

(ii) The employer shall assure that lunchroom facilities have a temperature controlled, positive pressure, filtered air supply, and are readily accessible to employees.

(iii) The employer shall assure that employees who work in areas where their airborne exposure to lead is above the PEL without regard to the use of a respirator wash their hands and face prior to eating, drinking, smoking or applying cosmetics.

(iv) The employer shall assure that employees do not enter lunchroom facilities with protective work clothing or equipment unless surface lead dust has been removed by vacuuming, downdraft booth, or other cleaning method.

(e) Lavatories. The employer shall provide an adequate number of lavatory facilities which comply with WAC 296-24-12009(1) and (2).

(10) Medical surveillance.

(a) General.

(i) The employer shall institute a medical surveillance program for all employees who are or may be exposed above the action level for more than thirty days per year.

(ii) The employer shall assure that all medical examinations and procedures are performed by or under the supervision of a licensed physician.

(iii) The employer shall provide the required medical surveillance including multiple physician review under item (10)(c)(iii) without cost to employees and at a reasonable time and place.

(b) Biological monitoring.

(i) Blood lead and ZPP level sampling and analysis. The employer shall make available biological monitoring in the form of blood sampling and analysis for lead and zinc protoporphyrin levels to each employee covered under item (10)(a)(i) of this section on the following schedule:

(A) At least every six months to each employee covered under item (10)(a)(i) of this section;

(B) At least every two months for each employee whose last blood sampling and analysis indicated a blood lead level at or above 40 $\mu\text{g}/100\text{ g}$ of whole blood. This frequency shall continue until two consecutive blood samples and analyses indicate a blood lead level below 40 $\mu\text{g}/100\text{ g}$ of whole blood; and

(C) At least monthly during the removal period of each employee removed from exposure to lead due to an elevated blood lead level.

(ii) Follow-up blood sampling tests. Whenever the results of a blood lead level test indicate that an employee's blood lead level exceeds the numerical criterion for

medical removal under item (11)(a)(i), the employer shall provide a second (follow-up) blood sampling test within two weeks after the employer receives the results of the first blood sampling test.

(iii) Accuracy of blood lead level sampling and analysis. Blood lead level sampling and analysis provided pursuant to this section shall have an accuracy (to a confidence level of ninety-five percent) within plus or minus fifteen percent or 6 $\mu\text{g}/100\text{ ml}$, whichever is greater, and shall be conducted by a laboratory licensed by the Center for Disease Control (CDC), United States Department of Health, Education and Welfare or which has received a satisfactory grade in blood lead proficiency testing from CDC in the prior twelve months.

(iv) Employee notification. Within five working days after the receipt of biological monitoring results, the employer shall notify in writing each employee whose blood lead level exceeds 40 $\mu\text{g}/100\text{ g}$: (A) of that employee's blood lead level and (B) that the standard requires temporary medical removal with Medical Removal Protection benefits when an employee's blood lead level exceeds the numerical criterion for medical removal under item (11)(a)(i) of this section.

(c) Medical examinations and consultations.

(i) Frequency. The employer shall make available medical examinations and consultations to each employee covered under item (10)(a)(i) of this section on the following schedule:

(A) At least annually for each employee for whom a blood sampling test conducted at any time during the preceding twelve months indicated a blood lead level at or above 40 $\mu\text{g}/100\text{ g}$;

(B) Prior to assignment for each employee being assigned for the first time to an area in which airborne concentrations of lead are at or above the action level;

(C) As soon as possible, upon notification by an employee either that the employee has developed signs or symptoms commonly associated with lead intoxication, that the employee desires medical advice concerning the effects of current or past exposure to lead on the employee's ability to procreate a healthy child, or that the employee has demonstrated difficulty in breathing during a respirator fitting test or during use; and

(D) As medically appropriate for each employee either removed from exposure to lead due to a risk of sustaining material impairment to health, or otherwise limited pursuant to a final medical determination.

(ii) Content. Medical examinations made available pursuant to subitems (10)(c)(i)(A) through (B) of this section shall include the following elements:

(A) A detailed work history and a medical history, with particular attention to past lead exposure (occupational and nonoccupational), personal habits (smoking, hygiene), and past gastrointestinal, hematologic, renal, cardiovascular, reproductive and neurological problems;

(B) A thorough physical examination, with particular attention to teeth, gums, hematologic, gastrointestinal, renal, cardiovascular, and neurological systems. Pulmonary status should be evaluated if respiratory protection will be used;

(C) A blood pressure measurement;

(D) A blood sample and analysis which determines:

- (aa) Blood lead level;
- (bb) Hemoglobin and hematocrit determinations, red cell indices, and examination of peripheral smear morphology;
- (cc) Zinc protoporphyrin;
- (dd) Blood urea nitrogen; and
- (ee) Serum creatinine;
- (E) A routine urinalysis with microscopic examination; and
- (F) Any laboratory or other test which the examining physician deems necessary by sound medical practice.

The content of medical examinations made available pursuant to subitems (10)(c)(i)(C) through (D) of this section shall be determined by an examining physician and, if requested by an employee, shall include pregnancy testing or laboratory evaluation of male fertility.

(iii) Multiple physician review mechanism.

(A) If the employer selects the initial physician who conducts any medical examination or consultation provided to an employee under this section, the employee may designate a second physician:

- (aa) To review any findings, determinations or recommendations of the initial physician; and
- (bb) To conduct such examinations, consultations, and laboratory tests as the second physician deems necessary to facilitate this review.

(B) The employer shall promptly notify an employee of the right to seek a second medical opinion after each occasion that an initial physician conducts a medical examination or consultation pursuant to this section. The employer may condition its participation in, and payment for, the multiple physician review mechanism upon the employee doing the following within fifteen days after receipt of the foregoing notification, or receipt of the initial physician's written opinion, whichever is later:

- (aa) The employee informing the employer that he or she intends to seek a second medical opinion, and
- (bb) The employee initiating steps to make an appointment with a second physician.

(C) If the findings, determinations or recommendations of the second physician differ from those of the initial physician, then the employer and the employee shall assure that efforts are made for the two physicians to resolve any disagreement.

(D) If the two physicians have been unable to quickly resolve their disagreement, then the employer and the employee through their respective physicians shall designate a third physician:

- (aa) To review any findings, determinations or recommendations of the prior physicians; and
- (bb) To conduct such examinations, consultations, laboratory tests and discussions with the prior physicians as the third physician deems necessary to resolve the disagreement of the prior physicians.

(E) The employer shall act consistent with the findings, determinations and recommendations of the third physician, unless the employer and the employee reach an agreement which is otherwise consistent with the recommendations of at least one of the three physicians.

(iv) Information provided to examining and consulting physicians.

(A) The employer shall provide an initial physician conducting a medical examination or consultation under this section with the following information:

- (aa) A copy of this regulation for lead including all appendices;
- (bb) A description of the affected employee's duties as they relate to the employee's exposure;
- (cc) The employee's exposure level or anticipated exposure level to lead and to any other toxic substance (if applicable);
- (dd) A description of any personal protective equipment used or to be used;
- (ee) Prior blood lead determinations; and
- (ff) All prior written medical opinions concerning the employee in the employer's possession or control.

(B) The employer shall provide the foregoing information to a second or third physician conducting a medical examination or consultation under this section upon request either by the second or third physician, or by the employee.

(v) Written medical opinions.

(A) The employer shall obtain and furnish the employee with a copy of a written medical opinion from each examining or consulting physician which contains the following information:

(aa) The physician's opinion as to whether the employee has any detected medical condition which would place the employee at increased risk of material impairment of the employee's health from exposure to lead;

(bb) Any recommended special protective measures to be provided to the employee, or limitations to be placed upon the employee's exposure to lead;

(cc) Any recommended limitation upon the employee's use of respirators, including a determination of whether the employee can wear a powered air purifying respirator if a physician determines that the employee cannot wear a negative pressure respirator; and

(dd) The results of the blood lead determinations.

(B) The employer shall instruct each examining and consulting physician to:

(aa) Not reveal either in the written opinion, or in any other means of communication with the employer, findings, including laboratory results, or diagnoses unrelated to an employee's occupational exposure to lead; and

(bb) Advise the employee of any medical condition, occupational or nonoccupational, which dictates further medical examination or treatment.

(vi) Alternate physician determination mechanisms. The employer and an employee or authorized employee representative may agree upon the use of any expeditious alternate physician determination mechanism in lieu of the multiple physician review mechanism provided by this subsection so long as the alternate mechanism otherwise satisfies the requirements contained in this subsection.

(d) Chelation.

(i) The employer shall assure that any person whom he retains, employs, supervises or controls does not engage in prophylactic chelation of any employee at any time.

(ii) If therapeutic or diagnostic chelation is to be performed by any person in item (10)(d)(i), the employer

shall assure that it be done under the supervision of a licensed physician in a clinical setting with thorough and appropriate medical monitoring and that the employee is notified in writing prior to its occurrence.

(11) Medical removal protection.

(a) Temporary medical removal and return of an employee.

(i) Temporary removal due to elevated blood lead levels.

(A) First year of the standard. During the first year following the effective date of the standard, the employer shall remove an employee from work having a daily eight hour TWA exposure to lead at or above $100 \mu\text{g}/\text{m}^3$ on each occasion that a periodic and a follow-up blood sampling test conducted pursuant to this section indicate that the employee's blood lead level is at or above $80 \mu\text{g}/100 \text{ g}$ of whole blood;

(B) Second year of the standard. During the second year following the effective date of the standard, the employer shall remove an employee from work having a daily eight hour TWA exposure to lead at or above $50 \mu\text{g}/\text{m}^3$ on each occasion that a periodic and a follow-up blood sampling test conducted pursuant to this section indicate that the employee's blood lead level is at or above $70 \mu\text{g}/100 \text{ g}$ of whole blood;

(C) Third year of the standard, and thereafter. Beginning with the third year following the effective date of the standard, the employer shall remove an employee from work having an exposure to lead at or above the action level on each occasion that a periodic and a follow-up blood sampling test conducted pursuant to this section indicate that the employee's blood lead level is at or above $60 \mu\text{g}/100 \text{ g}$ of whole blood; and

(D) Fifth year of the standard, and thereafter. Beginning with the fifth year following the effective date of the standard, the employer shall remove an employee from work having an exposure to lead at or above the action level on each occasion that the average of the last three blood sampling tests conducted pursuant to this section (or the average of all blood sampling tests conducted over the previous six months, whichever is longer) indicates that the employee's blood lead level is at or above $50 \mu\text{g}/100 \text{ g}$ of whole blood; provided, however, that an employee need not be removed if the last blood sampling test indicates a blood lead level at or below $40 \mu\text{g}/100 \text{ g}$ of whole blood.

(ii) Temporary removal due to a final medical determination.

(A) The employer shall remove an employee from work having an exposure to lead at or above the action level on each occasion that a final medical determination results in a medical finding, determination, or opinion that the employee has a detected medical condition which places the employee at increased risk of material impairment to health from exposure to lead.

(B) For the purposes of this section, the phrase "final medical determination" shall mean the outcome of the multiple physician review mechanism or alternate medical determination mechanism used pursuant to the medical surveillance provisions of this section.

(C) Where a final medical determination results in any recommended special protective measures for an

employee, or limitations on an employee's exposure to lead, the employer shall implement and act consistent with the recommendation.

(iii) Return of the employee to former job status.

(A) The employer shall return an employee to his or her former job status:

(aa) For an employee removed due to a blood lead level at or above $80 \mu\text{g}/100 \text{ g}$, when two consecutive blood sampling tests indicate that the employee's blood lead level is at or below $60 \mu\text{g}/100 \text{ g}$ of whole blood;

(bb) For an employee removed due to a blood lead level at or above $70 \mu\text{g}/100 \text{ g}$, when two consecutive blood sampling tests indicate that the employee's blood lead level is at or below $50 \mu\text{g}/100 \text{ g}$ of whole blood;

(cc) For an employee removed due to a blood lead level at or above $60 \mu\text{g}/100 \text{ g}$, or due to an average blood lead level at or above $50 \mu\text{g}/100 \text{ g}$, when two consecutive blood sampling tests indicate that the employee's blood lead level is at or below $40 \mu\text{g}/100 \text{ g}$ of whole blood;

(dd) For an employee removed due to a final medical determination, when a subsequent final medical determination results in a medical finding, determination, or opinion that the employee no longer has a detected medical condition which places the employee at increased risk of material impairment to health from exposure to lead.

(B) For the purposes of this section, the requirement that an employer return an employee to his or her former job status is not intended to expand upon or restrict any rights an employee has or would have had, absent temporary medical removal, to a specific job classification or position under the terms of a collective bargaining agreement.

(iv) Removal of other employee special protective measure or limitations. The employer shall remove any limitations placed on an employee or end any special protective measures provided to an employee pursuant to a final medical determination when a subsequent final medical determination indicates that the limitations or special protective measures are no longer necessary.

(v) Employer options pending a final medical determination. Where the multiple physician review mechanism, or alternate medical determination mechanism used pursuant to the medical surveillance provisions of this section, has not yet resulted in a final medical determination with respect to an employee, the employer shall act as follows:

(A) Removal. The employer may remove the employee from exposure to lead, provide special protective measures to the employee, or place limitations upon the employee, consistent with the medical findings, determinations, or recommendations of any of the physicians who have reviewed the employee's health status.

(B) Return. The employer may return the employee to his or her former job status, end any special protective measures provided to the employee, and remove any limitations placed upon the employee, consistent with the medical findings, determinations, or recommendations of any of the physicians who have reviewed the employee's health status, with two exceptions. If:

(aa) The initial removal, special protection, or limitation of the employee resulted from a final medical determination which differed from the findings, determinations, or recommendations of the initial physician; or

(bb) The employee has been on removal status for the preceding eighteen months due to an elevated blood lead level, then the employer shall await a final medical determination.

(b) Medical removal protection benefits.

(i) Provision of medical removal protection benefits. The employer shall provide to an employee up to eighteen months of medical removal protection benefits on each occasion that an employee is removed from exposure to lead or otherwise limited pursuant to this section.

(ii) Definition of medical removal protection benefits. For the purposes of this section, the requirement that an employer provide medical removal protection benefits means that the employer shall maintain the earnings, seniority and other employment rights and benefits of an employee as though the employee had not been removed from normal exposure to lead or otherwise limited.

(iii) Follow-up medical surveillance during the period of employee removal or limitation. During the period of time that an employee is removed from normal exposure to lead or otherwise limited, the employer may condition the provision of medical removal protection benefits upon the employee's participation in follow-up medical surveillance made available pursuant to this section.

(iv) Workers' compensation claims. If a removed employee files a claim for workers' compensation payments for a lead-related disability, then the employer shall continue to provide medical removal protection benefits pending disposition of the claim. To the extent that an award is made to the employee for earnings lost during the period of removal, the employer's medical removal protection obligation shall be reduced by such amount. The employer shall receive no credit for workers' compensation payments received by the employee for treatment related expenses.

(v) Other credits. The employer's obligation to provide medical removal protection benefits to a removed employee shall be reduced to the extent that the employee receives compensation for earnings lost during the period of removal either from a publicly or employer-funded compensation program, or receives income from employment with another employer made possible by virtue of the employee's removal.

(vi) Employees whose blood lead levels do not adequately decline within eighteen months of removal. The employer shall take the following measures with respect to any employee removed from exposure to lead due to an elevated blood lead level whose blood lead level has not declined within the past eighteen months of removal so that the employee has been returned to his or her former job status:

(A) The employer shall make available to the employee a medical examination pursuant to this section to obtain a final medical determination with respect to the employee;

(B) The employer shall assure that the final medical determination obtained indicates whether or not the employee may be returned to his or her former job status, and if not, what steps should be taken to protect the employee's health;

(C) Where the final medical determination has not yet been obtained, or once obtained indicates that the employee may not yet be returned to his or her former job status, the employer shall continue to provide medical removal protection benefits to the employee until either the employee is returned to former job status, or a final medical determination is made that the employee is incapable of ever safely returning to his or her former job status.

(D) Where the employer acts pursuant to a final medical determination which permits the return of the employee to his or her former job status despite what would otherwise be an unacceptable blood lead level, later questions concerning removing the employee again shall be decided by a final medical determination. The employer need not automatically remove such an employee pursuant to the blood lead level removal criteria provided by this section.

(vii) Voluntary removal or restriction of an employee. Where an employer, although not required by this section to do so, removes an employee from exposure to lead or otherwise places limitations on an employee due to the effects of lead exposure on the employee's medical condition, the employer shall provide medical removal protection benefits to the employee equal to that required by item (11)(b)(i) of this section.

(12) Employee information and training.

(a) Training program.

(i) Each employer who has a workplace in which there is a potential exposure to airborne lead at any level shall inform employees of the content of Appendices A and B of this regulation.

(ii) The employer shall institute a training program for and assure the participation of all employees who are subject to exposure to lead at or above the action level or for whom the possibility of skin or eye irritation exists.

(iii) The employer shall provide initial training by one hundred eighty days from the effective date for those employees covered by item (12)(a)(ii) on the standard's effective date and prior to the time of initial job assignment for those employees subsequently covered by this subsection.

(iv) The training program shall be repeated at least annually for each employee.

(v) The employer shall assure that each employee is informed of the following:

(A) The content of this standard and its appendices;

(B) The specific nature of the operations which could result in exposure to lead above the action level;

(C) The purpose, proper selection, fitting, use, and limitations of respirators;

(D) The purpose and a description of the medical surveillance program, and the medical removal protection program including information concerning the adverse health effects associated with excessive exposure to lead (with particular attention to the adverse reproductive effects on both males and females);

(E) The engineering controls and work practices associated with the employee's job assignment;

(F) The contents of any compliance plan in effect; and

(G) Instructions to employees that chelating agents should not routinely be used to remove lead from their bodies and should not be used at all except under the direction of a licensed physician.

(b) Access to information and training materials.

(i) The employer shall make readily available to all affected employees a copy of this standard and its appendices.

(ii) The employer shall provide, upon request, all materials relating to the employee information and training program to the director.

(iii) In addition to the information required by item (12)(a)(v), the employer shall include as part of the training program, and shall distribute to employees, any materials pertaining to the Occupational Safety and Health Act, the regulations issued pursuant to the act, and this lead standard, which are made available to the employer by the director.

(13) Signs.

(a) General.

(i) The employer may use signs required by other statutes, regulations or ordinances in addition to, or in combination with, signs required by this subsection.

(ii) The employer shall assure that no statement appears on or near any sign required by this subsection which contradicts or detracts from the meaning of the required sign.

(b) Signs.

(i) The employer shall post the following warning signs in each work area where the PEL is exceeded:

**WARNING
LEAD WORK AREA
POISON
NO SMOKING OR EATING**

(ii) The employer shall assure that signs required by this subsection are illuminated and cleaned as necessary so that the legend is readily visible.

(14) Recordkeeping.

(a) Exposure monitoring.

(i) The employer shall establish and maintain an accurate record of all monitoring required in subsection (4) of this section.

(ii) This record shall include:

(A) The date(s), number, duration, location and results of each of the samples taken, including a description of the sampling procedure used to determine representative employee exposure where applicable;

(B) A description of the sampling and analytical methods used and evidence of their accuracy;

(C) The type of respiratory protective devices worn, if any;

(D) Name, social security number, and job classification of the employee monitored and of all other employees whose exposure the measurement is intended to represent; and

(E) the environmental variables that could affect the measurement of employee exposure.

(iii) The employer shall maintain these monitoring records for at least forty years or for the duration of employment plus twenty years, whichever is longer.

(b) Medical surveillance.

(i) The employer shall establish and maintain an accurate record for each employee subject to medical surveillance as required by subsection (10) of this section.

(ii) This record shall include:

(A) The name, social security number, and description of the duties of the employee;

(B) A copy of the physician's written opinions;

(C) Results of any airborne exposure monitoring done for that employee and the representative exposure levels supplied to the physician; and

(D) Any employee medical complaints related to exposure to lead.

(iii) the employer shall keep, or assure that the examining physician keeps, the following medical records:

(A) A copy of the medical examination results including medical and work history required under subsection (10) of this section;

(B) A description of the laboratory procedures and a copy of any standards or guidelines used to interpret the test results or references to that information; and

(C) A copy of the results of biological monitoring.

(iv) The employer shall maintain or assure that the physician maintains those medical records for at least forty years, or for the duration of employment plus twenty years, whichever is longer.

(c) Medical removals.

(i) The employer shall establish and maintain an accurate record for each employee removed from current exposure to lead pursuant to subsection (11) of this section.

(ii) Each record shall include:

(A) The name and social security number of the employee;

(B) The date on each occasion that the employee was removed from current exposure to lead as well as the corresponding date on which the employee was returned to his or her former job status;

(C) A brief explanation of how each removal was or is being accomplished; and

(D) A statement with respect to each removal indicating whether or not the reason for the removal was an elevated blood lead level.

(iii) The employer shall maintain each medical removal record for at least the duration of an employee's employment.

(d) Availability.

(i) The employer shall make available upon request all records required to be maintained by subsection (14) of this section to the director for examination and copying.

(ii) ~~(Upon request, the employer shall make environmental monitoring, biological monitoring, and medical removal records available to affected employees, former employees or their authorized employee representatives for inspection and copying.)~~ Environmental monitoring, medical removal, and medical records required by this subsection shall be provided upon request to employees, designated representatives, and the assistant director in accordance with WAC 296-62-05201 through 296-62-

05209 and 296-62-05213 through 296-62-05217. Medical removal records shall be provided in the same manner as environmental monitoring records.

(iii) Upon request, the employer shall make an employee's medical records required to be maintained by this section available to the affected employee or former employee or to a physician or other individual designated by such affected employee or former employees for examination and copying.

(e) Transfer of records.

(i) Whenever the employer ceases to do business, the successor employer shall receive and retain all records required to be maintained by subsection (14) of this section.

(ii) Whenever the employer ceases to do business and there is no successor employer to receive and retain the records required to be maintained by this section for the prescribed period, these records shall be transmitted to the director.

(iii) At the expiration of the retention period for the records required to be maintained by this section, the employer shall notify the director at least three months prior to the disposal of such records and shall transmit those records to the director if requested within the period.

(iv) The employer shall also comply with any additional requirements involving transfer of records set forth in WAC 296-62-05215.

(15) Observation of monitoring.

(a) Employee observation. The employer shall provide affected employees or their designated representatives an opportunity to observe any monitoring of employee exposure to lead conducted pursuant to subsection (4) of this section.

(b) Observation procedures.

(i) Whenever observation of the monitoring of employee exposure to lead requires entry into an area where the use of respirators, protective clothing or equipment is required, the employer shall provide the observer with and assure the use of such respirators, clothing and such equipment, and shall require the observer to comply with all other applicable safety and health procedures.

(ii) Without interfering with the monitoring, observers shall be entitled to:

(A) Receive an explanation of the measurement procedures;

(B) Observe all steps related to the monitoring of lead performed at the place of exposure; and

(C) Record the results obtained or receive copies of the results when returned by the laboratory.

(16) Effective date. This standard shall become effective thirty days after filing with the code reviser.

(17) Appendices. The information contained in the appendices to this section is not intended by itself, to create any additional obligations not otherwise imposed by this standard nor detract from any existing obligation. Appendices are available from:

The Technical Services Section
Division of Industrial Safety and Health

P.O. Box 207

Olympia, WA 98504 (206)753-6381

(18) Startup dates. All obligations of this standard commence on the effective date except as follows:

(a) The initial determination under subdivision (4)(b) shall be made as soon as possible but no later than thirty days from the effective date.

(b) Initial monitoring under subdivision (4)(d) shall be completed as soon as possible but no later than ninety days from the effective date.

(c) Initial biological monitoring and medical examinations under subsection (10) shall be completed as soon as possible but no later than one hundred eighty days from the effective date. Priority for biological monitoring and medical examinations shall be given to employees whom the employer believes to be at greatest risk from continued exposure.

(d) Initial training and education shall be completed as soon as possible but no later than one hundred eighty days from the effective date.

(e) Hygiene and lunchroom facilities under subsection (9) shall be in operation as soon as possible but no later than one year from the effective year.

(f) Respiratory protection required by subsection (6) shall be provided as soon as possible but no later than the following schedule:

(i) Employees whose eight-hour TWA exposure exceeds $200 \mu\text{g}/\text{m}^3$ - on the effective date.

(ii) Employees whose eight-hour TWA exposure exceeds the PEL but is less than $200 \mu\text{g}/\text{m}^3$ - one hundred fifty days from the effective date.

(iii) Powered, air-purifying respirators provided under (6)(b)(ii) - two hundred ten days from the effective date.

(iv) Quantitative fit testing required under item (6)(c)(ii) - one year from effective date. Qualitative fit testing is required in the interim.

(g) Written compliance plans required by subdivision (5)(c) shall be completed and available for inspection and copying as soon as possible but no later than the following schedule:

(i) Employers for whom compliance with the PEL or interim level is required within one year from the effective date - six months from the effective date.

(ii) Employers in secondary smelting and refining, lead storage battery manufacturing, lead pigment manufacturing and nonferrous foundry industries - one year from the effective date.

(iii) Employers in primary smelting and refining industry - one year from the effective date from the interim level; five years from the effective date for PEL.

(iv) Plans for construction of hygiene facilities, if required - six months from the effective date.

(h) The permissible exposure limit in subsection (3) shall become effective one hundred fifty days from the effective date.

AMENDATORY SECTION (Amending Order 80-14, filed 8/8/80)

WAC 296-62-07517 ASBESTOS. (1) Definitions. For the purpose of this section, (a) "Asbestos" means

chrysotile, amosite, crocidolite, tremolite, anthophyllite, and actinolite.

(b) "Asbestos fibers" means asbestos fibers longer than 5 micrometers.

(2) Permissible exposure to airborne concentrations of asbestos fibers. (a) The 8-hour time-weighted average airborne concentrations of asbestos fibers to which any employee may be exposed shall not exceed two fibers, longer than 5 micrometers, per cubic centimeter of air, as determined by the method prescribed in (5) of this section.

(b) Ceiling concentration. No employee shall be exposed at any time to airborne concentrations of asbestos fibers in excess of 10 fibers, longer than 5 micrometers, per cubic centimeter of air, as determined by the method prescribed in (5) of this section.

(3) Methods of compliance. (a) Engineering methods.

(i) Engineering controls. Engineering controls, such as, but not limited to, isolation, enclosure, exhaust ventilation, and dust collection, shall be used to meet the exposure limits prescribed in (2) of this section.

(ii) Local exhaust ventilation. Local exhaust ventilation and dust collection systems shall be designed, constructed, installed, and maintained in accordance with the American National Standard Fundamentals Governing the Design and Operation of Local Exhaust Systems, ANSI Z9.2-1971, which is incorporated by reference herein.

(iii) Particular tools. All hand-operated and power-operated tools which may produce or release asbestos fibers in excess of the exposure limits prescribed in (2) of this section, such as, but not limited to, saws, scorers, abrasive wheels, and drills, shall be provided with local exhaust ventilation systems in accordance with (3)(a)(ii) of this section.

(b) Work practices. (i) Wet methods. Insofar as practicable, asbestos shall be handled, mixed, applied, removed, cut, scored, or otherwise worked in a wet state sufficient to prevent the emission of airborne fibers in excess of the exposure limits prescribed in (2) of this section, unless the usefulness of the product would be diminished thereby.

(ii) Particular products and operations. No asbestos cement, mortar, coating, grout, plaster, or similar material containing asbestos shall be removed from bags, cartons, or other containers in which they are shipped, without being either wetted, or enclosed, or ventilated so as to prevent effectively the release of airborne asbestos fibers in excess of the limits prescribed in (2) of this section.

(iii) Spraying, demolition, or removal. Employees engaged in the spraying of asbestos, the removal, or demolition of pipes, structures, or equipment covered or insulated with asbestos, and in the removal or demolition of asbestos insulation or coverings shall be provided with respiratory equipment in accordance with (4)(b)(iii) of this section and with special clothing in accordance with (4)(c) of this section.

(4) Personal protective equipment. (a) Compliance with the exposure limits prescribed by (2) of this section may not be achieved by the use of respirators or shift rotation of employees except:

(i) During the time period necessary to install the engineering controls and to institute the work practices required by (3) of this section.

(ii) In work situations in which the methods prescribed in (3) of this section are either technically not feasible or feasible to an extent insufficient to reduce the airborne concentrations of asbestos fibers below the limits prescribed by (2) of this section; or

(iii) In emergencies.

(iv) Where both respirators and personnel rotation are allowed by (4)(a)(i), (ii), or (iii) of this section, and both are practicable, personnel rotation shall be preferred and used.

(b) Where a respirator is permitted by (4)(a)(i), (ii), or (iii) of this section, it shall comply with the applicable provisions of chapter 296-24 WAC.

(i) Air purifying respirators. A reusable or single use air purifying respirator, or a respirator described in (4)(b)(ii) or (iii) of this section shall be used to reduce the concentrations of airborne asbestos fibers in the respirator below the exposure limits prescribed in (2) of this section, when the ceiling or the 8-hour time-weighted average airborne concentrations of asbestos fibers are reasonably expected to exceed no more than 10 times those limits.

(ii) Powered air purifying respirators. A full facepiece powered air purifying respirator, or a powered air purifying respirator, or a respirator described in (4)(b)(iii) of this section, shall be used to reduce the concentrations of airborne asbestos fibers in the respirator below the exposure limits prescribed in (2) of this section, when the ceiling or the 8-hour time-weighted average concentrations of asbestos fibers are reasonably expected to exceed 10 times, but not 100 times, those limits.

(iii) Type "C" supplied-air respirators, continuous flow or pressure-demand class. A type "C" continuous flow or pressure-demand, supplied-air respirator shall be used to reduce the concentrations of airborne asbestos fibers in the respirator below the exposure limits prescribed in (2) of this section, when the ceiling or the 8-hour time-weighted average airborne concentrations of asbestos fibers are reasonably expected to exceed 100 times those limits.

(iv) Establishment of a respirator program. (A) The employer shall establish a respirator program in accordance with the requirements of chapter 296-24 WAC.

(B) No employee shall be assigned to tasks requiring the use of respirators if, based upon his most recent examination, an examining physician determines that the employee will be unable to function normally wearing a respirator, or that the safety or health of the employee or other employees will be impaired by his use of a respirator. Such employee shall be rotated to another job or given the opportunity to transfer to a different position whose duties he is able to perform with the same employer, in the same geographical area and with the same seniority, status, and rate of pay he had just prior to such transfer, if such a different position is available.

(c) Special clothing: The employer shall provide, and require the use of, special clothing, such as coveralls or similar whole body clothing, head coverings, gloves, and foot coverings for any employee exposed to airborne

concentrations of asbestos fibers, which exceed the ceiling level prescribed in (2)(b) of this section.

(d) Change rooms: (i) At any fixed place of employment exposed to airborne concentrations of asbestos fibers in excess of the exposure limits prescribed in (2) of this section, the employer shall provide change rooms for employees working regularly at the place.

(ii) Clothes lockers: The employer shall provide two separate lockers or containers for each employee, so separated or isolated as to prevent contamination of the employee's street clothes from his work clothes.

(iii) Laundering: (A) Laundering of asbestos contaminated clothing shall be done so as to prevent the release of airborne asbestos fibers in excess of the exposure limits prescribed in (2) of this section.

(B) Any employer who gives asbestos-contaminated clothing to another person for laundering shall inform such person of the requirement in (4)(d) of this section to effectively prevent the release of airborne asbestos fibers in excess of the exposure limits prescribed in (2) of this section.

(C) Contaminated clothing shall be transported in sealed impermeable bags, or other closed, impermeable containers, and labeled in accordance with (7)(b) of this section.

(5) Method of measurement. All determinations of airborne concentrations of asbestos fibers shall be made by the membrane filter method at 400-450 X (magnification) (4 millimeter objective) with phase contrast illumination.

(6) Monitoring. (a) Initial determinations. Every employer shall cause every place of employment where asbestos fibers are released to be monitored in such a way as to determine whether every employee's exposure to asbestos fibers is below the limits prescribed in (2) of this section. If the limits are exceeded, the employer shall immediately undertake a compliance program in accordance with (3) of this section.

(b) Personal monitoring. (i) Samples shall be collected from within the breathing zone of the employees, on membrane filters of 0.8 micrometer porosity mounted in an open-face filter holder. Samples shall be taken for the determination of the 8-hour time-weighted average airborne concentrations and of the ceiling concentrations of asbestos fibers.

(ii) Sampling frequency and patterns. After the initial determinations required by (6)(a) of this section, samples shall be of such frequency and pattern as to represent with reasonable accuracy the levels of exposure of employees. In no case shall the sampling be done at intervals greater than 6 months for employees whose exposure to asbestos may reasonably be foreseen to exceed the limits prescribed by (2) of this section.

(c) Environmental monitoring. (i) Samples shall be collected from areas of a work environment which are representative of the airborne concentrations of asbestos fibers which may reach the breathing zone of employees. Samples shall be collected on a membrane filter of 0.8 micrometer porosity mounted in an open-face filter holder. Samples shall be taken for the determination of the 8-hour time-weighted average airborne concentrations and of the ceiling concentrations of asbestos fibers.

(ii) Sampling frequency and patterns. After the initial determinations required by (6)(a) of this section, samples shall be of such frequency and pattern as to represent with reasonable accuracy the levels of exposure of the employees. In no case shall sampling be at intervals greater than 6 months for employees whose exposures to asbestos may reasonably be foreseen to exceed the exposure limits prescribed in (2) of this section.

(d) Employee observation of monitoring. Affected employees, or their representatives, shall be given a reasonable opportunity to observe any monitoring required by this paragraph and shall have access to the records thereof.

(7) Caution signs and labels. (a) Caution signs. (i) Posting. Caution signs shall be provided and displayed at each location where airborne concentrations of asbestos fibers are reasonably expected to be released or where airborne concentrations of asbestos fibers may be in excess of the exposure limits prescribed in (2) of this section. Signs shall be posted at such a distance from such a location so that an employee may read the signs and take necessary protective steps before entering the area marked by the signs. Signs shall be posted at all approaches to areas containing airborne asbestos fibers.

(ii) Sign specifications. The warning signs required by (7)(a)(i) of this section shall conform to the requirements of 20" X 14" vertical format signs specified in WAC 296-24-14007(4) and to this subsection. The signs shall display the following legend in the lower panel, with letter sizes and styles of a visibility at least equal to that specified in this subdivision.

Legend	Notation
Asbestos _____	1" Sans Serif, Gothic or Block.
Dust Hazard _____	3/4" Sans Serif, Gothic or Block.
Avoid Breathing Dust _____	1/4" Gothic.
Wear Assigned Protective Equipment _____	1/4" Gothic.
Do Not Remain In Area Unless Your Work Requires It _____	1/4" Gothic.
Breathing Asbestos Dust May Be Hazard- ous To Your Health _____	14 point Gothic.

Spacing between lines shall be at least equal to the height of the upper of any two lines.

(b) Caution labels. (i) Labeling. Caution labels shall be affixed to all raw materials, mixtures, scrap, waste, debris, and other products containing asbestos fibers, or to their containers, except that no label is required where asbestos fibers have been modified by a bonding agent, coating, binder, or other material so that during any reasonably foreseeable use, handling, storage, disposal, processing, or transportation, no airborne concentrations of asbestos fibers will be released.

(ii) Label specifications. The caution labels required by (7)(b)(i) of this section shall be printed in letters of sufficient size and contrast as to be readily visible and legible. The label shall state:

CAUTION
 Contains Asbestos Fibers
 Avoid Creating Dust
 Breathing Asbestos Dust May Cause
 Serious Bodily Harm

(8) Housekeeping. (a) Cleaning. All external surfaces in any place of employment shall be maintained free of accumulations of asbestos fibers.

(b) Waste disposal. Asbestos waste, scrap, debris, bags, containers, equipment, and asbestos-contaminated clothing, consigned for disposal, shall be collected and disposed of in sealed impermeable bags, or other closed, impermeable containers.

(c) Deterioration. Friable asbestos or friable asbestos containing material which has become damaged or deteriorated shall be contained, treated, or replaced.

(9) Recordkeeping. (a) Exposure records. Every employer shall maintain records of any personal or environmental monitoring required by (6) of this section. Records shall be maintained for a period of at least 20 years and shall be made available upon request to the Director of the Department of Labor and Industries.

(b) ~~(Employee access. Every employee and former employee shall have reasonable access to any record required to be maintained by (9)(a) of this section, which indicates the employee's own exposure to asbestos fibers.)~~ Access. Employee exposure records required by this subsection shall be provided upon request to employees, designated representatives, and the assistant director in accordance with WAC 296-62-05201 through 296-62-05209 and 296-62-05213 through 296-62-05217.

(c) Employee notification. Any employee found to have been exposed at any time to airborne concentrations of asbestos fibers in excess of the limits prescribed in (2) of this section shall be notified in writing of the exposure as soon as practicable but not later than 5 days of the finding. The employee shall also be timely notified of the corrective action being taken.

(10) Medical examinations. (a) General. The employer shall provide or make available at his cost, medical examinations relative to exposure to asbestos required by this section.

(b) Preplacement. The employer shall provide or make available to each of his employees, within 30 calendar days following his first employment in an occupation exposed to airborne concentrations of asbestos fibers, a comprehensive medical examination, which shall include, as a minimum, a chest roentgenogram (posterior-anterior 14 x 17 inches), a history to elicit symptomatology of respiratory disease, and pulmonary function tests to include forced vital capacity (FVC) and forced expiratory volume at 1 second (FEV_{1.0}).

(c) Annual examinations. Every employer shall provide or make available on an annual basis, comprehensive medical examinations to each of his employees engaged in occupations exposed to airborne concentrations of asbestos fibers. Such annual examination shall include, as a minimum, a chest roentgenogram (posterior-anterior 14 x 17 inches), a history to elicit symptomatology of respiratory disease, and pulmonary function tests to include forced vital capacity (FVC) and forced expiratory volume at 1 second (FEV_{1.0}).

(d) Termination of employment. The employer shall provide, or make available, within 30 calendar days before or after the termination of employment of any employee engaged in an occupation exposed to airborne

concentrations of asbestos fibers, a comprehensive medical examination which shall include, as a minimum, a chest roentgenogram (posterior-anterior 14 x 17 inches), a history to elicit symptomatology of respiratory disease, and pulmonary function tests to include forced vital capacity (FVC) and forced expiratory volume at 1 second (FEV_{1.0}).

(e) Recent examinations. No medical examination is required of any employee, if adequate records show that the employee has been examined in accordance with this subsection within the past 1-year period.

(f) Medical records. (i) Maintenance. Employers of employees examined pursuant to this subsection shall cause to be maintained complete and accurate records of all such medical examinations. Records shall be retained by employers for at least 20 years.

(ii) Access. ~~((The contents of the records of the medical examinations required by this paragraph shall be made available, for inspection and copying, to the director of the Department of Labor and Industries, the Assistant Secretary of Labor for Occupational Safety and Health, the director of NIOSH, to authorized physicians and medical consultants of either of them, and, upon the request of an employee or former employee, to his physician. Any physician who conducts a medical examination required by this subsection shall furnish to the employer of the examined employee all the information specifically required by this subsection and any other medical information related to occupational exposure to asbestos fibers.))~~ Records of the medical examinations required by this subsection shall be provided upon request to employees, designated representative and the assistant director in accordance with WAC 296-62-05201 through 296-62-05209 and 296-62-05213 through 296-62-05217. These records shall also be provided upon request to the Director of the Department of Labor and Industries. Any physician who conducts a medical examination required by this subsection shall furnish to the employer of the examined employee all the information specifically required by this subsection, and any other medical information related to occupational exposure to asbestos fibers.

AMENDATORY SECTION (Amending Order 80-14, filed 8/8/80)

WAC 296-62-14531 EXPOSURE TO COTTON DUST IN COTTON GINS. (1) Scope and application. This section applies to the control of employee exposure to cotton dust in cotton gins.

(2) Definitions. For the purposes of this section:

(a) "Blow down" - the cleaning of equipment and surface with compressed air.

(b) "Cotton dust" - dust present in the air during the handling or processing of cotton which may contain a mixture of many substances including ground-up plant matter, fiber, bacteria, fungi, soil, pesticides, noncotton plant matter and other contaminants which may have accumulated with the cotton during the growing, harvesting and subsequent processing or storage periods.

(c) "Director" - The Director of the Department of Labor and Industries, or his designated representative.

(3) Work practices. Each employer shall immediately establish and implement a written program of work practices, which shall minimize cotton dust exposure for each specific job. Where applicable, the following work practices shall be included in the written work practices program:

(a) General. (i) All surfaces shall be maintained as free as practicable of accumulations of cotton dust.

(ii) The employer shall inspect, clean, maintain and repair, all engineering control equipment, production equipment and ventilation systems including power sources, ducts, and filtration units of the equipment, and at a minimum, tape or cover leaks in valves, flashing, elbows, and bands on air lines.

(iii) Cotton and cotton waste shall be stacked, sorted, baled, dumped, removed or otherwise handled by mechanical means except where the employer can show that it is infeasible to do so. Where infeasible, the method used for handling cotton and cotton waste shall be the method which most effectively reduces exposure to the lowest level feasible.

(b) Specific. (i) Floors and other accessible surfaces contaminated with cotton dust may not be cleaned by the use of compressed air.

(ii) Cleaning of clothing with compressed air is prohibited.

(iii) Floor sweeping shall be performed by a vacuum or with methods designed to minimize dispersal of dust.

(iv) Compressed air "blow-down" cleaning shall be prohibited, except where alternative means are not feasible. Where compressed air "blow-down" is done, respirators shall be worn by the employees performing the "blow-down," and employees in the area whose presence is not required to perform the "blow-down" shall be required to leave the area during this cleaning operation.

(c) Work practice plan. A written work place plan shall be kept which shall list appropriate schedules for carrying out housekeeping operations, and for cleaning and maintaining dust collection equipment. The plan shall be made available for inspection by the director.

(4) Use of respirators. (a) General. Where the use of respirators is required under this section, the employer shall provide, at no cost to the employee, and assure the use of respirators which comply with the requirements of this subsection.

(b) Use of respirators. Respirators shall be used in the following circumstances:

(i) By workers identified by medical surveillance under subitem (5)(f)(i)(D) of this subsection; or

(ii) During operations such as maintenance and repair activities in which work practice controls are not feasible; or

(iii) In operations specified under subitem (3)(b)(iv) of this subsection.

(c) Availability upon request. Respirators shall be made available upon request, to any employee exposed to cotton dust.

(d) Respirator selection. (i) Where respirators are required under this section, the employer shall select, provide and assure the use of any respirator tested and

approved for protection against dust by the National Institute Of Occupational Safety and Health (NIOSH) under the provisions of 30 CFR Part 11.

(ii) Where respirators are required by this subsection, the employer shall provide either any NIOSH approved respirator or at the option of each affected worker, a NIOSH approved powered air purifying respirator with a high efficiency filter.

(e) Respirator program. The employer shall institute a respirator program in accordance with WAC 296-24-08103, 296-24-08107, 296-24-08109 and 296-24-08111.

(f) Respirator usage. (i) The employer shall assure that the respirator used by each employee exhibits minimum facepiece leakage and that the respirator is fitted properly.

(ii) The employer shall allow each employee who uses a filter respirator to change the filter elements whenever an increase in breathing resistance is detected by the employee, and shall maintain an adequate supply of filter elements for this purpose.

(iii) The employer shall allow employees who wear respirators to wash their faces and respirator facepieces to prevent skin irritation associated with respirator use.

(5) Medical surveillance. (a) General. (i) Each employer who has an operating gin in which cotton dust is present shall institute a program of medical surveillance for all employees exposed to cotton dust.

(ii) The employer shall assure that all medical examinations and procedures are performed by or under the supervision of a licensed physician, and are provided without cost to the employee.

(iii) Persons other than licensed physicians, who administer the pulmonary function testing required by this section, shall complete a NIOSH approved training course in spirometry.

(b) Initial examinations. For each ginning season, at the time of initial assignment, the employer shall provide each employee who is or may be exposed to cotton dust, with an opportunity for medical surveillance that shall include:

(i) A medical history;

(ii) The standardized questionnaire in Appendix B; and

(iii) A pulmonary function measurement, including a determination of forced vital capacity (FVC) and forced expiratory volume in 1 second (FEV₁), and the percentage that the measured values of FEV and FVC differ from the predicted values, using the standard tables in Appendix C. The predicted FEV, and FVC for blacks shall be multiplied by 0.85 to adjust for racial differences.

(iv) Based upon the questionnaire results, each employee shall be graded according to Schilling's byssinosis classification system.

(c) Mid-season retest. The determinations required under subsection (5)(b) of this section shall be made again for each employee after at least 14 days of employment and before the termination of employment for the season. The determinations shall be made following at least 24 hours or one working day after previous exposure to cotton dust. The pulmonary function tests shall

be repeated during the shift, no sooner than four and no more than 10 hours after the beginning of the work shift; and, in any event, no more than one hour after cessation of exposure.

(d) Periodic examinations. (i) The employer shall provide the medical surveillance under this subsection (5) annually.

(ii) A comparison shall be made between the current examination results and those of previous examinations and a determination made by the physician as to whether there has been a significant change.

(iii) An employee whose FEV₁ is less than 60 percent of the predicted value shall be referred to a physician for a detailed pulmonary examination.

(e) Information provided to the physician. The employer shall provide the following information to the examining physician:

(i) A copy of this regulation and its Appendices;

(ii) A description of the affected employee's duties as they relate to the employee's exposure;

(iii) A description of any personal protective equipment used or to be used; and

(iv) Information from previous medical examinations of the affected employee which is not readily available to the examining physician.

(f) Physician's written opinion. (i) The employer shall obtain and furnish the employee with a copy of the written opinion from the examining physician containing the following:

(A) The results of the medical examination and tests, including any determinations made under subitem (5)(d)(ii) of this section.

(B) The physician's opinion as to whether the employee has any detected medical conditions which would place the employee at increased risk of material impairment of the employee's health from exposure to cotton dust;

(C) The physician's recommended limitations upon the employee's exposure to cotton dust or upon the employee's use of respirators;

(D) The physician's recommendations for the employee's use of a respirator where dust effects could be suppressed by respirator use;

(E) A statement that the employee has been informed by the physician of the results of the medical examination and any medical conditions which require further examination or treatment.

(ii) The written opinion obtained by the employer shall not reveal specific findings or diagnosis unrelated to occupational exposure.

(g) Spanish speaking employees. An employer whose workforce consists of a significant percentage of Spanish speaking workers who cannot communicate effectively in English, shall provide bilingual administration of the medical surveillance requirements, including use of the Spanish questionnaire provided in Appendix B.

(h) Nonduplication of medical surveillance. (i) During any one ginning season, an employer is not required to provide medical surveillance as described in subsection (5) of this section for any employee who can demonstrate that both the background medical surveillance and

the mid-season retest required by subsection (5) of this section were administered during that ginning season while in the employment of another gin employer.

(ii) If an employee can demonstrate that the background medical surveillance has been administered but not the mid-season retest, the employer shall provide the mid-season medical retest of subdivision (5)(c) of this section, and comply with provisions of subdivision (5)(d)-(5)(f) of this section. Where the employer is administering only the mid-season retest, the employer shall provide the mid-season retest after at least 14 days of employment in his gin and before termination of employment for the season.

(iii) For purposes of this section, where the employer does not administer any medical surveillance, the employer shall be satisfied that an employee has undergone the medical surveillance required under subdivisions (5)(a) to (5)(c) of this section upon receipt of written notification from the employer who administered the test, or upon receipt by the physician supervising the program, of a copy of the results of medical surveillance.

(6) Employee education and training. (a) Training program. (i) Each employer who operates an active gin shall institute a training program for all his employees, prior to initial assignment, and shall assure that each employee is informed of the following:

(A) The specific nature of the operations which could result in exposure to cotton dust;

(B) The measures, including work practices, required by subsection (3) of this section, necessary to protect the employee from excess exposures;

(C) The purpose, proper use and limitations of respirators required by subsection (4) of this section;

(D) The purpose for and a description of the medical surveillance program required by subsection (5) of this section; and other information which will aid exposed employees in understanding the hazards of cotton dust exposure; and

(E) The contents of this standard and its appendices.

(b) Access to training materials. (i) Each employer shall post a copy of this section with its Appendices in a public location at the workplace, and shall, upon request, make copies available to employees.

(ii) The employer shall provide all materials relating to the employee training and information program to the director upon request.

(iii) An employer whose workforce consists of a significant percentage of Spanish speaking employees who cannot communicate effectively in English shall provide bilingual administration of the provisions of this section.

(iv) In addition to the information required by subdivision (6)(a), the employer shall include as part of his training program and distribute to employees any materials pertaining to the Washington Industrial Safety and Health Act, the regulations issued pursuant to that act, and to this cotton dust standard which are made available by the director.

(7) Signs. (a) The employer shall post the following warning sign in each work area where there is potential exposure to cotton dust:

WARNING:

COTTON DUST WORK AREA
MAY CAUSE ACUTE OR DELAYED
LUNG INJURY (BYSSINOSIS).

(b) An employer whose workforce consists of a significant percentage of Spanish-speaking employees who cannot communicate effectively in English shall provide bilingual versions of the sign required by subdivision (7)(a) of this section.

(8) Recordkeeping. (a) Medical surveillance. (i) The employer shall establish and maintain an accurate medical record for each employee subject to medical surveillance required by subsection (5) of this section.

(ii) The record shall include:

(A) The name, social security number and description of the duties of the employee;

(B) A copy of the medical surveillance results including the medical history, questionnaire responses, results of all tests and the physician's recommendation;

(C) A copy of the physician's written opinion;

(D) Any employee medical complaints related to exposure to cotton dust;

(E) The type of protective devices worn, and length of time worn;

(F) A copy of this standard and its appendices, except that the employer may keep one copy of the standard and its appendices for all employees: provided that he references the standard in the medical surveillance records of each employee.

(iii) The employer shall maintain this record for at least 10 years.

(b) Availability. (i) The employer shall make available upon request all records required to be maintained by subsection (8) of this section to the Director for examination and copying.

(ii) ~~((The employer shall make available an employee's medical records required by this section, for examination and copying, to the affected employee or former employee or to a physician or other individual designated by such affected employee or former employee.))~~
Employee medical records shall be provided upon request to employees, designated representatives, and the assistant director in accordance with WAC 296-62-05201 through 296-62-05209 and 296-62-05213 through 296-62-05217.

(c) Transfer of records. (i) Whenever the employer ceases to do business, the successor employer shall receive and retain all records required to be maintained by subsection (8) of this section.

(ii) Whenever the employer ceases to do business, and there is no successor employer to receive and retain the records for the prescribed period, these records shall be transmitted to the director.

(iii) At the expiration of the retention period for the records required to be maintained by this section, the employer shall notify the director at least three months prior to the disposal of such records and shall transmit those records to the director if he requests them within that period.

(iv) The employer shall also comply with any additional requirements involving transfer of records set forth in WAC 296-62-05215.

(9) Effective date. This ((emergency rule)) standard shall become effective ((immediately upon filing)) 30 days after it is filed with the Code Reviser.

(10) Appendices. Appendices to this section are found in the Federal Register, Vol. 43, No. 122, dated 6-23-78, and the corrections in Vol. 43, No. 153, dated 8-8-78; the contents of these appendices are mandatory. Appendices are available from:

The Technical Services Section
Division of Industrial Safety and Health
P.O. Box 207
Olympia, WA 98504 (206) 753-6381

AMENDATORY SECTION (Amending Order 77-14, filed 7/25/77)

WAC 296-62-20023 RECORDKEEPING. (1) Exposure measurements. The employer shall establish and maintain an accurate record of all measurements taken to monitor employee exposure to coke oven emissions required in WAC 296-62-20007.

(a) This record shall include:

(i) Name, social security number, and job classification of the employees monitored;

(ii) The date(s), number, duration and results of each of the samples taken, including a description of the sampling procedure used to determine representative employee exposure where applicable;

(iii) The type of respiratory protective devices worn, if any;

(iv) A description of the sampling and analytical methods used and evidence of their accuracy; and

(v) The environment variables that could affect the measurement of employee exposure.

(b) The employer shall maintain this record for at least 40 years or for the duration of employment plus 20 years, whichever is longer.

(2) Medical surveillance. The employer shall establish and maintain an accurate record for each employee subject to medical surveillance as required by WAC 296-62-20017.

(a) The record shall include:

(i) The name, social security number, and description of duties of the employee;

(ii) A copy of the physician's written opinion;

(iii) The signed statement of any refusal to take a medical examination under WAC 296-62-20017; and

(iv) Any employee medical complaints related to exposure to coke oven emissions.

(b) The employer shall keep, or assure that the examining physician keeps, the following medical records:

(i) A copy of the medical examination results including medical and work history required under WAC 296-62-20017;

(ii) A description of the laboratory procedures used and a copy of any standards or guidelines used to interpret the test results;

(iii) The initial x-ray;

(iv) The x-rays for the most recent 5 years;

(v) Any x-ray with a demonstrated abnormality and all subsequent x-rays;

(vi) The initial cytologic examination slide and written description;

(vii) The cytologic examination slide and written description for the most recent 10 years; and

(viii) Any cytologic examination slides with demonstrated atypia, if such atypia persists for 3 years, and all subsequent slides and written descriptions.

(c) The employer shall maintain medical records required under subsection (2) of this section for at least 40 years, or for the duration of employment plus 20 years, whichever is longer.

(3) Availability. (a) The employer shall make available upon request all records required to be maintained by this section to the director for examination and copying.

~~(b) ((The employer shall make available upon request records of employee exposure measurements required by subsection (1) of this section for inspection and copying to affected employees, former employees, and their designated representatives.))~~ Employee exposure measurement records and employee medical records required by this subsection shall be provided upon request to employees, designated representatives, and the assistant director in accordance with WAC 296-62-05201 through 296-62-05209 and 296-62-05213 through 296-62-05217.

(c) The employer shall make available upon request employee medical records required to be maintained by subsection (2) of this section to a physician designated by the affected employee or former employee.

(4) Transfer of records. (a) Whenever the employer ceases to do business, the successor employer shall receive and retain all records required to be maintained by this section.

(b) Whenever the employer ceases to do business and there is no successor employer to receive and retain the records for the prescribed period, these records shall be transmitted by registered mail to the director.

(c) At the expiration of the retention period for the records required to be maintained under subsections (1) and (2) of this section, the employer shall transmit these records by registered mail to the director or shall continue to retain such records.

(d) The employer shall also comply with any additional requirements involving transfer of records set forth in WAC 296-62-05215.

NEW SECTION

WAC 296-62-146 APPENDICES. Contains appendices to chapter 296-62 WAC, for air contaminants, etc., that are not found immediately following their respective sections.

NEW SECTION

WAC 296-62-14601 APPENDIX A—REQUIREMENTS FOR CLASSIFICATION AND RESPIRATORY USE OF WORKERS EXPOSED TO COTTON DUST IN GINS.

APPENDIX A—REQUIREMENTS FOR CLASSIFICATION AND RESPIRATORY USE OF WORKERS EXPOSED TO COTTON DUST IN GINS

Functional severity	FEV 1 (percent of predicted)	FEV 1 (percent)
F0	Greater than 80 (no evidence of chronic ventilatory impairment).	(a)-4 to 0; or more. (b)-9 to -5 or more. (c)-10 or more.
F1	60-79 (evidence of slight to moderate irreversible impairment of ventilatory capacity).	(a)-4 to 0; or more. (b)-5 or more.
F2	Less than 60 (evidence of moderate to severe irreversible impairment of ventilatory capacity).

NOTE: These recommendations are generally accepted criteria for classification and management of workers exposed to cotton dust. Since medical removal provisions are not included in the standard, WISHA believes them to constitute equally useful criteria for the physician to use in determining whether a gin worker is suffering any degree of functional severity which calls for respiratory protection.

Although these criteria are advisory, a worker who falls in the F2 category of functional severity shall be sent to a pulmonary physician according to WAC 296-62-14531(5)(d)(iii).

NEW SECTION

WAC 296-62-14603 APPENDIX B-1.

APPENDIX B-1

**Respiratory Questionnaire
Nontextile Workers for the
Cotton Industry**

Identification No.	Interviewer Code
Location	Date of Interview

A. IDENTIFICATION

1. NAME (Last) (First) (Middle Initial)		3. PHONE NUMBER AREA CODE () NO.	4. SOCIAL SECURITY NO. (optional see below)
2. CURRENT ADDRESS (Number, Street, or Rural Route, City or Town, County, State, Zip Code)		5. BIRTHDAY (Mo., Day, Yr.)	6. AGE LAST BIRTHDAY
		7. SEX 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	
		8. ETHNIC GROUP OR ANCESTRY 1. <input type="checkbox"/> White, not of Hispanic Origin 2. <input type="checkbox"/> Black, not of Hispanic Origin 3. <input type="checkbox"/> Hispanic 4. <input type="checkbox"/> American Indian or Alaskan Native 5. <input type="checkbox"/> Asian or Pacific Islander 6. <input type="checkbox"/> Other: _____	
9. STANDING HEIGHT _____ (cm)	10. WEIGHT _____	11. WORK SHIFT 1st <input type="checkbox"/> 2nd <input type="checkbox"/> 3rd <input type="checkbox"/>	
12. PRESENT WORK AREA Please indicate primary assigned work area and percent of time spent at that site. If at other locations, please indicate and note percent of time for each.			
PRIMARY WORK AREA		_____ _____	
SPECIFIC JOB		_____ _____	
13. APPROPRIATE INDUSTRY 1 <input type="checkbox"/> Garnetting 3 <input type="checkbox"/> Cotton Warehouse 5 <input type="checkbox"/> Cotton Classification 2 <input type="checkbox"/> Cottonseed Oil Mill 4 <input type="checkbox"/> Utilization 6 <input type="checkbox"/> Cotton Ginning			
(Furnishing your Social Security number is voluntary. Your refusal to provide this number will not affect any right, benefit, or privilege to which you would be entitled if you did provide your Social Security number. Your Social Security number is being requested since it will permit use in future determinations in statistical research studies.)			

C. SYMPTOMS

Use actual wording of each question. Put X in appropriate square after each question. When in doubt record "No".

COUGH

1. Do you usually cough first thing in the morning? (on getting up)*
 (Count a cough with first smoke or on "first going out of doors". Exclude clearing throat or a single cough.)
 1 Yes 2 No

2. Do you usually cough during the day or at night? (Ignore an occasional cough.)
 1 Yes 2 No

If YES to either question 1 or 2:

3. Do you cough like this on most days for as much as three months a year?
 1 Yes 2 No 9 NA

4. Do you cough on any particular day of the week? | 1 Yes 2 No

If YES:

5. Which day? Mon. Tue. Wed. Thur. Fri. Sat. Sun. _____

PHLEGM

6. Do you usually bring up any phlegm from your chest first thing in the morning? (on getting up)* (Count phlegm with the first smoke or on "first going out of doors." Exclude phlegm from the nose. Count swallowed phlegm.)
 1 Yes 2 No

7. Do you usually bring up any phlegm from your chest during the day or at night? (Accept twice or more.)
 1 Yes 2 No

If YES to either question 6 or 7:

8. Do you bring up phlegm like this on most days for as much as three months each year?
 1 Yes 2 No

If YES to question 3 or 8:

9. How long have you had this phlegm? (cough) (Write in number of years)
 (1) 2 years or less
 (2) More than 2 years - 9 years
 (3) 10-19 years
 (4) 20+ years

*These words are for subjects who work at night

CHEST ILLNESS

10. In the past three years, have you had a period of (increased) cough and phlegm lasting for 3 weeks or more?

- (1) No
- (2) Yes, only one period
- (3) Yes, two or more periods

For subjects who usually have phlegm:

11. During the past 3 years have you had any chest illness which has kept you off work, indoors at home or in bed? (For as long as one week, flu?)

- 1 Yes
- 2 No

If YES to 11:

12. Did you bring up (more) phlegm than usual in any of these illnesses?

- 1 Yes
- 2 No

If YES to 12: During the past three years have you had:

13. Only one such illness with increased phlegm?

- 1 Yes
- 2 No

14. More than one such illness:

- 1 Yes
- 2 No

Br. Grade _____

TIGHTNESS

15. Does your chest ever feel tight or your breathing become difficult?

- 1 Yes
- 2 No

16. Is your chest tight or your breathing difficult on any particular day of the week? (after a week or 10 days away from the mill)

- 1 Yes
- 2 No

17. If YES, Which day? Mon. (1) Sometimes (3) Tues. (2) Always (4) Wed. (5) Thur. (6) Fri. (7) Sat. (8) Sun.

18. If YES Monday: At what time on Monday does your chest feel tight or your breathing difficult?

- Before entering mill
- After entering mill

(ASK ONLY IF NO TO QUESTION 15)

19. In the past, has your chest ever been tight or your breathing difficult on any particular day of the week?

- 1 Yes
- 2 No

20. If YES, Which day? Mon. (1) Sometimes (3) Tues. (2) Always (4) Wed. (5) Thur. (6) Fri. (7) Sat. (8) Sun.

BREATHLESSNESS

21. If disabled from walking by any condition other than heart or lung disease put "X" in the space and leave questions (22-30) unasked.

22. Are you ever troubled by shortness of breath, when hurrying on the level or walking up a slight hill? 1 Yes 2 No

If NO, grade is 1. If YES, proceed to next question

23. Do you get short of breath walking with other people at an ordinary pace on the level? 1 Yes 2 No

If NO, grade is 2. If YES, proceed to next question

24. Do you have to stop for breath when walking at your own pace on the level? 1 Yes 2 No

If NO, grade is 3. If YES, proceed to next question

25. Are you short of breath on washing or dressing? 1 Yes 2 No

If NO, grade is 4. If YES, grade is 5.

26. Dyspnea Grd. _____

ON MONDAYS:

27. Are you ever troubled by shortness of breath, when hurrying on the level or walking up a slight hill? 1 Yes 2 No

If NO, grade is 1. If YES, proceed to next question

28. Do you get short of breath walking with other people at an ordinary pace on the level? 1 Yes 2 No

If NO, grade is 2. If YES, proceed to next question

29. Do you have to stop for breath when walking at your own pace on the level? 1 Yes 2 No

If NO, grade is 3. If YES, proceed to next question

30. Are you short of breath on washing or dressing? 1 Yes 2 No

If NO, grade is 4. If YES, grade is 5

31. B. Grd. _____

OTHER ILLNESSES AND ALLERGY HISTORY

32. Do you have a heart condition for which you are under a doctor's care? 1 Yes 2 No

OTHER ILLNESSES AND ALLERGY HISTORY CONTINUED:

33. Have you ever had asthma? 1 Yes 2 No
 If yes, did it begin: (1) Before age 30
 (2) After age 30
34. If yes before 30: did you have asthma before ever going to work in a textile mill? 1 Yes 2 No
35. Have you ever had hay fever or other allergies (other than above)? 1 Yes 2 No

TOBACCO SMOKING

36. Do you smoke? 1 Yes 2 No
 Record Yes if regular smoker up to one month ago. (Cigarettes, cigar or pipe)
- If NO to (33).
37. Have you ever smoked? (Cigarettes, cigars, pipe. Record NO if subject has never smoked as much as one cigarette a day, or 1 oz. of tobacco a month, for as long as one year.) 1 Yes 2 No

If Yes to (33) or (34); what have you smoked for how many years? (Write in specific number of years in the appropriate square)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Years	(<5)	(5-9)	(10-14)	(15-19)	(20-24)	(25-29)	(30-34)	(35-39)	(>40)
38. Cigarettes									
39. Pipe									
40. Cigars									

41. If cigarettes, how many packs per day? Write in number of cigarettes _____
 Less than 1/2 pack
 1/2 pack, but less than 1 pack
 1 pack, but less than 1 1/2 packs
 1-1/2 packs or more
42. Number of pack years: _____
43. If an ex-smoker (cigarettes, cigar or pipe), how long since you stopped? (Write in number of years.) _____
 0-1 year
 1-4 years
 5-9 years
 10+ years

OCCUPATIONAL HISTORY

Have you ever worked in:

- 44. A foundry? (As long as one year) 1 Yes 2 No
- 45. Stone or mineral mining, quarrying or
processing? (As long as one year) 1 Yes 2 No
- 46. Asbestos milling or processing? (Ever) 1 Yes 2 No
- 47. Cotton or cotton blend mill? (For controls only) 1 Yes 2 No
- 48. Other dusts, fumes or smoke? If yes, specify. 1 Yes 2 No

Type of exposure _____

Length of exposure _____

APPENDIX B-II

**CUESTIONARIO RESPIRATORIO PARA TRABAJADORES
QUE NO SEAN DE TEXTIL DE LA INDUSTRIA ALGODONERA**

Numero de identificación	Clave del entrevistador
Localidad	Fecha de entrevista

A. IDENTIFICACION

1. NOMBRE (Apellido) (Nombre de pila)	3. Num. de telefono Area ()	4. * Num. de Seguro Social <div style="border: 1px solid black; width: 100%; height: 15px;"></div>
2. DIRECCIÓN ACTUAL (Numero, Calle, Ciudad o Pueblo, Condado, Estado, Zona Postal)	5. Fecha de Nacimiento Mes/Día/Año	6. Edad
7. SEXO 1 <input type="checkbox"/> Varón 2 <input type="checkbox"/> Hembra		
8. RAZA 1. <input type="checkbox"/> Blanco, no de origen hispano 2. <input type="checkbox"/> Negro, no de origen hispano 3. <input type="checkbox"/> Hispano 4. <input type="checkbox"/> Indio Americano o Nativo de 5. <input type="checkbox"/> Alaska 6. <input type="checkbox"/> Asiático o de Islas pacificas 6. <input type="checkbox"/> Otro _____		
9. ALTURA MEDIDA _____ (cm)	10. PESO MEDIDO _____	11. TURNO DE TRABAJO 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>
12. SITIO DE TRABAJO ACTUAL Indique el sitio de trabajo asignado y el porcentaje de tiempo que pasa en ese lugar. Si trabaja en otros sitios, por favor indique esos lugares y el porcentaje de tiempo que pasa en cada uno.		
SITIO DE TRABAJO PRIMARIO	_____ _____ _____	
TRABAJO ESPECIFICO	_____ _____	

13. INDUSTRIA APROPIADA

1 <input type="checkbox"/> Desperdicios de maquina garnet	3 <input type="checkbox"/> Almacen de algodón	5 <input type="checkbox"/> Clasificación de algodón
2 <input type="checkbox"/> Fabrica de aceite de semilla de algodón	4 <input type="checkbox"/> Utilización	6 <input type="checkbox"/> Desmotador

* Proveer su número de seguro social es voluntario. El rehuso de proveer este número no afecta ningún derecho, beneficio, o privilegio al cual ud podría tener derecho. Su número de seguro social ha sido requerido desde que este permite el uso de determinaciones en el futuro en la busqueda de estudios estaticales.

Registro Federal, Vol. 43, No. 122, Viernes 23 de junio de 1978.

C. Síntomas

Empléense las palabras exactas de cada pregunta. Póngase una "X" en la casilla que sigue cada pregunta. En caso de duda, póngase "No." Donde no hay casilla, póngase un círculo alrededor de la respuesta apropiada.

LA TOS

1. ¿Tose Ud. ordinariamente al levantarse por la mañana? (Tenga en cuenta la flema arrancada al fumar o al salir de la casa por primera vez. No tenga en cuenta los mucos nasales).

- 1. Sí 2. No

2. ¿Tose Ud. ordinariamente de día ó de noche?

- 1. Sí 2. No

Si se contesta "Sí" a las preguntas 1 ó 2, pregúntese:

3. ¿Tose así la mayoría de los días por un periodo de por lo menos 3 meses durante el pasado año?

- 1. Sí 2. No

4. ¿Tose Ud. mas de lo ordinario algun día en particular de la semana?

- 1. Sí 2. No

Si contesta "Si"; pregúntese:

5. ¿Que día? Lun. Mar. Mier. Jue. Vie. Sab. Dom.

LA FLEMA

6. ¿Se arranca Ud. flema ó catarro del pecho al levantarse? (Tenga en cuenta la flema arrancada al fumar or al salir de la casa por primera vez. No tenga en cuenta los mucos nasales. Tenga en cuenta la flema que se traga).

- 1. Sí 2. No

7. ¿Se arranca Ud. flema ó catarro del pecho ordinariamente de día ó de noche? (Nótense solo 2 veces o mas)

- 1. Sí 2. No

8. Arroja ud. flemas así la mayor parte de días tanto como tres meses al año?

- 1. Sí 2. No

Si se contesta "Sí" a las preguntas 3 ó 5, pregúntese:

¿Cuantos años hace que se arranca flema ó catarro o tose frecuentemente?

(Responda en numeros de años)

- (1) 2 años ó menos
(2) mas de 2 años - 9 años
(3) 10-19 años
(4) 20 años ó mas

ENFERMEDADES PULMONARIAS

10. ¿Durante los tres pasados años, ha pasado algún periodo de tos* y flemas que duró 3 semanas ó más?

*Sujetos que ordinariamente se arrancan flemas

- No
 Sí, un solo periodo
 Sí, dos periodos o mas

11. ¿Ha tenido Ud. durante los 3 años pasados alguna enfermedad del pecho que le haya impedido a trabajar e obligado a permanecer en casa ó en cama por tanto como una semana? (por ejemplo, éla gripe?)

- Sí No

Si se contesta "Sí" a la pregunta 11, pregúntese:

12. ¿Se arrancó Ud. más flemas que lo general durante alguno de estos ataques?

- Sí No

Si se contesta "Sí" a 12, pregúntese:

13. ¿Ha tenido durante los tres años pasados:

Solo un tal ataque con aumento de flemas?

- Sí No

14. Más de uno?

- Sí No

Br. Grade _____

LA OPRISION DEL PECHO

15. ¿Ha tenido Ud. alguna vez oprision en el pecho ó dificultad en respirar? Sí No
16. ¿Se le oprime el pecho ó se le hace difícil respirar algún día en la semana en particular? (después de una semana ó 10 días de ausencia de la planta) Sí No
17. Si se contesta "Sí," ¿Que día?
Lun. Mar. Mier. Jue. Vie. Sab. Dom. Siempre A veces
18. Si se contesta "Sí" para los lunes, preguntese:
¿A que hora del lunes siente oprision en el pecho ó dificultad en respirar?
a. Antes de entrar en la desmotadora
b. Después de entrar en la desmotadora
c. Después de salir de la desmotadora
(preguntese solo si se contesta "No" a la 15)
19. ¿En el pasado, se le ha oprimido el pecho o hecho difícil respirar algún día de la semana en particular? Sí No
20. Si se contesta "Sí," ¿Que día?
Lun. Mar. Mier. Jue. Vier. Sab. Dom. Siempre A veces
- EL DESALIENTO (La Dispnea)**
21. Si se inhabilita de caminar a causa de cualquier condición que no sea enfermedad del corazon o de los pulmones, ponga una "X" y ignore las preguntas 22-30.
22. ¿Lo aflige un desaliento al caminar aprisa en terreno llano ó al subir una pequeña cuesta? Sí No
- (Si "No", el grado es 1. Si es "Sí", siga a la proxima pregunta)

23. ¿Lo aflige un desaliento al caminar con otros de su propia edad a su paso ordinario en terreno llano? Sí No
- (Si "No" el grado es 2. Si es "Sí", prosiga)
24. ¿Tiene que detenerse porque se ahoga al caminar a paso ordinario en terreno llano? Sí No
- (Si "No" el grado es 3. Si es "Sí", prosiga)
25. ¿Se desalienta al lavarse ó vestirse? Sí No
- (Si "No", el grado es 4. Si es "Sí", el grado es 5.)
Dyspnea Grd. _____
26. **LOS LUNES: EL PRIMER DIA DE VUELTA AL TRABAJO DESPUES DE SUS DIAS LIBRES**
27. ¿Lo aflige un desaliento al caminar aprisa en terreno llano ó al subir una pequeña cuesta? Sí No
- (Si "No", el grado es 1. Si es "Sí", siga a la proxima pregunta)
28. ¿Lo aflige un desaliento al caminar con otros de su propia edad a su paso ordinario en terreno llano? Sí No
- (Si "No", el grado es 2. Si es "Sí", prosiga)
29. ¿Tiene que detenerse porque se ahoga al caminar a paso ordinario en terreno llano? Sí No
- (Si "No", el grado es 3. Si es "Sí", prosiga)

30. ¿Se desalienta al lavarse o vestirse?

Sí No

(Si "No", el grado es 4. Si es "Sí", el grado es 5.

31.

Br. Grd. _____

OTRAS ENFERMEDADES

32. ¿Tiene Ud. una condición del corazón que requiere los servicios de un médico?

Sí No

33. ¿Ha tenido alguna vez asma?

Sí No

Si se contesta "Sí", a la 33, pregúntese si empezó:

_____ Antes de los 30 años

_____ Después de los 30 años

34. Si se contesta "Antes de los 30 años"; ¿Tenía Ud. asma antes de trabajar en una desmotadora de algodón?

Sí No

35. ¿Ha tenido alguna vez otras alergias (además de las de arriba)?

Sí No

CONSUMO DE TABACO

36. ¿Fuma Ud. actualmente? Indique "Sí" si fumaba regularmente hasta hace un mes (Cigarrillos, puros, o pipa)

Sí No

Si contesta "No" a la (33), pregúntese:

37. ¿Ha fumado Ud. alguna vez? (Cigarrillos, puros, o pipa. Indique "No" si el sujeto nunca ha fumado ni un cigarrillo diario o una onza de tabaco al mes, por un año)

Sí No

Si se contesta "Sí" a la (33) o (34); ¿que ha fumado Ud. y por cuantos años? (Indique el número específico de años en la casilla apropiada)

Años	(<5)	(5-9)	(10-14)	(15-19)	(20-24)	(25-29)	(30-34)	(35-39)	(>40)
38. Cigarrillos									
39. Pipe									
40. Puros									

41. ¿Si fuma cigarrillos, cuantas cajetillas fuma diarias? Indique en número de cigarrillos:

menos de 1/2 cajetilla

1/2 cajetilla, pero menos de 1

1 cajetilla, pero menos de 1 1/2

1 1/2 cajetillas o más

42. Número de cajetillas por año _____

43. Si ha dejado de fumar (cigarrillos, pipas o puros), cuanto tiempo hace que lo dejó. (Indique en número de años)

0 - 1 año

1 - 4 años

5 - 9 años

10 años o más

HISTORIA LABORAL

¿Ha trabajado Ud. alguna vez en:

44. Una fundación (por tanto como un año)? Sí No

45. La minería o elaboración de piedras o metales (por tanto como un año)? Sí No

46. En una planta de asbesto? (alguna vez) Sí No

47. En una fabrica de algodón o de mezclado de algodón Sí No

48. En proximidad de otros polvos, emanaciones o humos? Si se contesta "Sí", especifíquese: Sí No

Clase de contacto _____

Duración de contacto _____

NEW SECTION

WAC 296-62-14605 APPENDIX C--SPIROMETRY PREDICTION T

APPENDIX C--SPIROMETRY PREDICTION TABLE FOR NORMAL MALES AND FEMALES

TABLE 1. PREDICTED FVC FOR MALES (KNOXSON, ET AL, AM REV RESPIR DIS, 1976, 113, 307.)

AGE	25	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65				
60.0	3.44	3.59	3.75	3.91	3.72	3.66	3.61	3.55	3.49	3.43	3.37	3.32	3.26	3.20	3.14	3.08	3.03	2.97	2.91	2.85	2.79	2.74	2.68	2.62	2.56
60.5	3.54	3.66	3.81	3.97	3.80	3.75	3.69	3.63	3.57	3.51	3.46	3.40	3.34	3.28	3.22	3.17	3.11	3.05	2.99	2.93	2.88	2.82	2.76	2.70	2.64
61.0	3.56	3.72	3.88	4.03	3.89	3.83	3.77	3.71	3.66	3.60	3.54	3.48	3.42	3.37	3.31	3.25	3.19	3.13	3.08	3.02	2.96	2.90	2.84	2.79	2.73
61.5	3.63	3.78	3.94	4.10	3.97	3.91	3.85	3.80	3.74	3.68	3.62	3.56	3.51	3.45	3.39	3.33	3.27	3.22	3.16	3.10	3.04	2.98	2.93	2.87	2.81
62.0	3.69	3.85	4.00	4.16	4.05	3.99	3.94	3.88	3.82	3.76	3.70	3.65	3.59	3.53	3.47	3.41	3.36	3.30	3.24	3.18	3.12	3.07	3.01	2.95	2.89
62.5	3.76	3.91	4.07	4.22	4.13	4.08	4.02	3.96	3.90	3.84	3.79	3.73	3.67	3.61	3.55	3.50	3.44	3.38	3.32	3.26	3.21	3.15	3.09	3.03	2.97
63.0	3.82	3.97	4.13	4.29	4.24	4.16	4.10	4.04	3.99	3.93	3.87	3.81	3.75	3.70	3.64	3.58	3.52	3.46	3.41	3.35	3.29	3.23	3.17	3.12	3.06
63.5	3.88	4.04	4.19	4.35	4.30	4.24	4.18	4.13	4.07	4.01	3.95	3.89	3.84	3.78	3.72	3.66	3.60	3.55	3.49	3.43	3.37	3.31	3.26	3.20	3.14
64.0	3.95	4.10	4.26	4.41	4.38	4.32	4.27	4.21	4.15	4.09	4.03	3.98	3.92	3.86	3.80	3.74	3.69	3.63	3.57	3.51	3.45	3.40	3.34	3.28	3.22
64.5	4.01	4.17	4.32	4.48	4.46	4.41	4.35	4.29	4.23	4.17	4.12	4.06	4.00	3.94	3.88	3.83	3.77	3.71	3.65	3.59	3.54	3.48	3.42	3.36	3.30
65.0	4.07	4.23	4.39	4.54	4.53	4.49	4.43	4.37	4.32	4.26	4.20	4.14	4.08	4.03	3.97	3.91	3.85	3.79	3.74	3.68	3.62	3.56	3.50	3.45	3.39
65.5	4.14	4.29	4.45	4.60	4.63	4.57	4.51	4.46	4.40	4.34	4.30	4.22	4.17	4.11	4.05	3.99	3.93	3.88	3.82	3.76	3.70	3.64	3.59	3.53	3.47
66.0	4.20	4.36	4.51	4.67	4.71	4.65	4.60	4.54	4.49	4.42	4.36	4.31	4.25	4.19	4.13	4.07	4.02	3.96	3.90	3.84	3.78	3.73	3.67	3.61	3.55
66.5	4.26	4.42	4.58	4.73	4.80	4.74	4.68	4.62	4.56	4.51	4.45	4.39	4.33	4.27	4.22	4.16	4.10	4.04	3.98	3.93	3.87	3.81	3.75	3.69	3.64
67.0	4.33	4.48	4.64	4.80	4.83	4.82	4.76	4.70	4.65	4.59	4.53	4.47	4.41	4.36	4.30	4.24	4.18	4.12	4.07	4.01	3.95	3.89	3.83	3.78	3.72
67.5	4.39	4.55	4.70	4.86	4.96	4.90	4.84	4.79	4.73	4.67	4.61	4.55	4.50	4.44	4.38	4.32	4.26	4.21	4.15	4.09	4.03	3.97	3.92	3.86	3.80
68.0	4.45	4.61	4.77	4.92	5.04	4.98	4.93	4.87	4.81	4.75	4.69	4.64	4.58	4.52	4.46	4.40	4.35	4.29	4.23	4.17	4.11	4.06	4.00	3.94	3.88
68.5	4.52	4.67	4.83	4.99	5.13	5.07	5.01	4.95	4.89	4.84	4.78	4.72	4.66	4.60	4.55	4.49	4.43	4.37	4.31	4.26	4.20	4.14	4.08	4.02	3.97
69.0	4.58	4.74	4.89	5.05	5.21	5.15	5.09	5.03	4.98	4.92	4.86	4.80	4.74	4.69	4.63	4.57	4.51	4.45	4.40	4.34	4.28	4.22	4.16	4.11	4.05
69.5	4.64	4.80	4.96	5.11	5.29	5.23	5.17	5.12	5.06	5.00	4.94	4.88	4.83	4.77	4.71	4.65	4.59	4.54	4.48	4.42	4.36	4.30	4.25	4.19	4.13
70.0	4.71	4.86	5.02	5.18	5.37	5.32	5.26	5.20	5.14	5.08	5.02	4.97	4.91	4.85	4.79	4.74	4.68	4.62	4.56	4.50	4.44	4.39	4.33	4.27	4.21
70.5	4.77	4.93	5.08	5.24	5.46	5.40	5.34	5.28	5.22	5.17	5.11	5.05	4.99	4.93	4.87	4.82	4.76	4.70	4.64	4.59	4.53	4.47	4.41	4.35	4.29
71.0	4.83	4.99	5.15	5.30	5.54	5.48	5.42	5.36	5.31	5.25	5.19	5.13	5.07	5.02	4.96	4.90	4.84	4.78	4.73	4.67	4.61	4.55	4.49	4.44	4.38
71.5	4.90	5.05	5.21	5.37	5.62	5.56	5.50	5.45	5.39	5.33	5.27	5.21	5.16	5.10	5.04	4.98	4.92	4.87	4.81	4.75	4.69	4.64	4.58	4.52	4.46
72.0	4.96	5.12	5.27	5.43	5.70	5.65	5.59	5.53	5.47	5.41	5.36	5.30	5.24	5.18	5.12	5.07	5.01	4.95	4.89	4.83	4.78	4.72	4.66	4.60	4.54
72.5	5.03	5.18	5.34	5.49	5.79	5.73	5.67	5.61	5.55	5.50	5.44	5.38	5.32	5.26	5.21	5.15	5.09	5.03	4.97	4.92	4.86	4.80	4.74	4.68	4.63
73.0	5.09	5.24	5.40	5.56	5.87	5.81	5.75	5.69	5.64	5.58	5.52	5.46	5.40	5.35	5.29	5.23	5.17	5.11	5.06	5.00	4.94	4.88	4.82	4.77	4.71
73.5	5.15	5.31	5.46	5.62	5.95	5.89	5.83	5.78	5.72	5.66	5.60	5.54	5.49	5.43	5.37	5.31	5.25	5.20	5.14	5.08	5.02	4.96	4.91	4.85	4.79
74.0	5.22	5.37	5.53	5.68	6.03	5.98	5.92	5.86	5.80	5.74	5.69	5.63	5.57	5.51	5.45	5.40	5.34	5.28	5.22	5.16	5.11	5.05	4.99	4.93	4.87
74.5	5.28	5.44	5.59	5.75	6.12	6.06	6.00	5.94	5.88	5.83	5.77	5.71	5.65	5.59	5.54	5.48	5.42	5.36	5.30	5.25	5.19	5.13	5.07	5.01	4.96
75.0	5.34	5.50	5.65	5.81	6.20	6.14	6.08	6.02	5.97	5.91	5.85	5.79	5.73	5.68	5.62	5.56	5.50	5.44	5.39	5.33	5.27	5.21	5.15	5.10	5.04
75.5	5.41	5.56	5.72	5.87	6.28	6.22	6.17	6.11	6.05	5.99	5.93	5.88	5.82	5.76	5.70	5.64	5.59	5.53	5.47	5.41	5.35	5.30	5.24	5.18	5.12
76.0	5.47	5.63	5.78	5.94	6.36	6.31	6.25	6.19	6.13	6.07	6.02	5.96	5.90	5.84	5.78	5.73	5.67	5.61	5.55	5.49	5.44	5.38	5.32	5.26	5.20
76.5	5.53	5.69	5.85	6.00	6.45	6.39	6.33	6.27	6.21	6.15	6.10	6.04	5.98	5.92	5.87	5.81	5.75	5.69	5.63	5.58	5.52	5.46	5.40	5.34	5.29
77.0	5.60	5.75	5.91	6.06	6.53	6.47	6.41	6.35	6.30	6.24	6.18	6.12	6.06	6.01	5.95	5.89	5.83	5.77	5.72	5.66	5.60	5.54	5.48	5.42	5.37
77.5	5.66	5.82	5.97	6.13	6.61	6.55	6.50	6.44	6.38	6.32	6.26	6.21	6.15	6.09	6.03	5.97	5.92	5.86	5.80	5.74	5.68	5.63	5.57	5.51	5.45
78.0	5.72	5.88	6.04	6.19	6.69	6.64	6.58	6.52	6.46	6.40	6.35	6.29	6.23	6.17	6.11	6.06	6.00	5.94	5.88	5.82	5.77	5.71	5.65	5.59	5.53
78.5	5.79	5.94	6.10	6.26	6.76	6.70	6.64	6.58	6.52	6.46	6.41	6.35	6.29	6.23	6.18	6.12	6.06	6.00	5.94	5.88	5.82	5.76	5.70	5.64	5.58
79.0	5.85	6.01	6.16	6.32	6.86	6.80	6.74	6.68	6.62	6.57	6.51	6.45	6.39	6.34	6.28	6.22	6.16	6.10	6.05	5.99	5.93	5.87	5.81	5.75	5.69
79.5	5.91	6.07	6.23	6.38	6.94	6.88	6.83	6.77	6.71	6.65	6.59	6.54	6.48	6.42	6.36	6.30	6.24	6.19	6.13	6.07	6.01	5.95	5.89	5.84	5.78
80.0	5.98	6.13	6.28	6.45	7.02	6.97	6.91	6.85	6.79	6.73	6.67	6.62	6.56	6.50	6.44	6.39	6.33	6.27	6.21	6.15	6.10	6.04	5.98	5.92	5.86
80.5	6.04	6.20	6.35	6.51	7.11	7.05	6.99	6.93	6.87	6.82	6.76	6.70	6.64	6.58	6.53	6.47	6.41	6.35	6.29	6.24	6.18	6.12	6.06	6.00	5.95
81.0	6.10	6.26	6.42	6.57	7.19	7.13	7.07	7.02	6.96	6.90	6.84	6.78	6.73	6.67	6.61	6.55	6.49	6.44	6.38	6.32	6.26	6.20	6.14	6.08	6.03
81.5	6.17	6.32	6.48	6.64	7.27	7.21	7.15	7.09	7.04	6.98	6.92	6.87	6.81	6.75	6.69	6.63	6.58	6.52	6.46	6.40	6.34	6.28	6.22	6.16	6.10
82.0	6.23	6.39	6.54	6.70	7.35	7.30	7.24	7.18	7.12																

TABLE 3. PREDICTED FVC FOR FEMALES (YNUDDSON, ET AL; AM REV RESPIR DIS, 1976, 113, 587.)

AGE	TABLE 3. PREDICTED FVC FOR FEMALES (YNUDDSON, ET AL; AM REV RESPIR DIS, 1976, 113, 587.)																										
	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	69	
52.0	2.45	2.61	2.65	2.61	2.56	2.52	2.47	2.43	2.39	2.34	2.30	2.25	2.21	2.17	2.12	2.08	2.03	1.99	1.95	1.90	1.86	1.81	1.77	1.73	1.68		
52.5	2.50	2.68	2.70	2.65	2.61	2.57	2.52	2.48	2.43	2.39	2.35	2.30	2.25	2.21	2.17	2.13	2.08	2.04	1.99	1.95	1.91	1.86	1.82	1.77	1.73		
53.0	2.54	2.72	2.74	2.70	2.66	2.61	2.57	2.52	2.48	2.44	2.39	2.35	2.30	2.26	2.22	2.17	2.13	2.08	2.04	2.00	1.95	1.91	1.86	1.82	1.76		
53.5	2.58	2.76	2.79	2.75	2.70	2.66	2.62	2.57	2.53	2.48	2.44	2.40	2.35	2.31	2.26	2.22	2.18	2.13	2.09	2.04	2.00	1.96	1.91	1.87	1.82		
54.0	2.62	2.81	2.84	2.79	2.75	2.71	2.66	2.62	2.57	2.53	2.49	2.44	2.40	2.35	2.31	2.27	2.22	2.18	2.13	2.09	2.05	2.00	1.96	1.91	1.87		
54.5	2.66	2.85	2.89	2.84	2.80	2.75	2.71	2.67	2.62	2.58	2.53	2.49	2.45	2.40	2.35	2.31	2.27	2.23	2.18	2.14	2.09	2.05	2.01	1.96	1.92		
55.0	2.71	2.89	2.93	2.89	2.84	2.80	2.76	2.71	2.67	2.62	2.58	2.54	2.49	2.45	2.40	2.36	2.32	2.27	2.23	2.18	2.14	2.10	2.05	2.01	1.96		
55.5	2.75	2.93	2.98	2.94	2.89	2.85	2.80	2.76	2.72	2.67	2.63	2.58	2.54	2.50	2.45	2.41	2.36	2.32	2.28	2.23	2.19	2.14	2.10	2.06	2.01		
56.0	2.79	2.97	3.01	2.99	2.94	2.89	2.85	2.81	2.76	2.72	2.67	2.63	2.59	2.54	2.50	2.45	2.41	2.37	2.32	2.28	2.23	2.19	2.15	2.10	2.06		
56.5	2.83	3.01	3.07	3.03	2.99	2.94	2.90	2.85	2.81	2.77	2.72	2.68	2.63	2.59	2.55	2.50	2.46	2.41	2.37	2.33	2.28	2.24	2.19	2.15	2.11		
57.0	2.87	3.06	3.12	3.08	3.03	2.99	2.94	2.90	2.86	2.81	2.77	2.72	2.68	2.64	2.59	2.55	2.50	2.46	2.42	2.37	2.33	2.28	2.24	2.20	2.15		
57.5	2.91	3.10	3.17	3.12	3.08	3.04	2.99	2.95	2.90	2.86	2.82	2.77	2.73	2.68	2.64	2.60	2.55	2.51	2.46	2.42	2.38	2.33	2.29	2.24	2.20		
58.0	2.96	3.14	3.21	3.17	3.13	3.08	3.04	2.99	2.95	2.91	2.86	2.82	2.77	2.73	2.69	2.64	2.60	2.55	2.51	2.47	2.42	2.38	2.33	2.29	2.25		
58.5	3.00	3.18	3.26	3.22	3.17	3.13	3.09	3.04	3.00	2.95	2.91	2.87	2.82	2.78	2.73	2.69	2.65	2.60	2.56	2.51	2.47	2.43	2.38	2.34	2.29		
59.0	3.04	3.22	3.31	3.26	3.22	3.18	3.13	3.09	3.04	3.00	2.96	2.91	2.87	2.82	2.78	2.74	2.69	2.65	2.60	2.56	2.52	2.47	2.43	2.38	2.34		
59.5	3.08	3.27	3.36	3.31	3.27	3.22	3.18	3.14	3.09	3.05	3.00	2.96	2.92	2.87	2.83	2.78	2.74	2.70	2.65	2.61	2.56	2.52	2.48	2.43	2.39		
60.0	3.12	3.31	3.40	3.36	3.31	3.27	3.23	3.18	3.14	3.09	3.05	3.01	2.96	2.92	2.87	2.83	2.79	2.74	2.70	2.65	2.61	2.57	2.52	2.48	2.43		
60.5	3.17	3.35	3.45	3.41	3.36	3.32	3.27	3.23	3.19	3.14	3.10	3.05	3.01	2.97	2.92	2.88	2.83	2.79	2.75	2.70	2.66	2.61	2.57	2.53	2.48		
61.0	3.21	3.39	3.50	3.45	3.41	3.36	3.32	3.28	3.23	3.19	3.14	3.10	3.05	3.01	2.97	2.92	2.88	2.84	2.79	2.75	2.70	2.66	2.62	2.57	2.53		
61.5	3.25	3.43	3.54	3.50	3.46	3.41	3.37	3.32	3.28	3.24	3.19	3.15	3.10	3.06	3.02	2.97	2.93	2.88	2.84	2.80	2.75	2.71	2.66	2.62	2.58		
62.0	3.29	3.48	3.59	3.55	3.50	3.46	3.41	3.37	3.33	3.28	3.24	3.19	3.15	3.11	3.06	3.02	2.97	2.93	2.89	2.84	2.80	2.75	2.71	2.67	2.62		
62.5	3.33	3.52	3.64	3.59	3.55	3.51	3.46	3.42	3.37	3.33	3.29	3.24	3.20	3.15	3.11	3.07	3.02	2.98	2.93	2.89	2.85	2.80	2.76	2.71	2.67		
63.0	3.38	3.56	3.68	3.64	3.60	3.55	3.51	3.46	3.42	3.38	3.33	3.29	3.24	3.20	3.16	3.11	3.07	3.02	2.98	2.94	2.89	2.85	2.80	2.76	2.72		
63.5	3.42	3.60	3.73	3.69	3.64	3.60	3.56	3.51	3.47	3.42	3.38	3.34	3.29	3.25	3.20	3.16	3.12	3.07	3.03	2.98	2.94	2.90	2.85	2.81	2.76		
64.0	3.46	3.64	3.78	3.73	3.69	3.65	3.60	3.56	3.51	3.47	3.43	3.38	3.34	3.29	3.25	3.21	3.16	3.12	3.07	3.03	2.99	2.94	2.90	2.85	2.81		
64.5	3.50	3.69	3.83	3.78	3.74	3.69	3.65	3.61	3.56	3.52	3.47	3.43	3.39	3.34	3.30	3.25	3.21	3.17	3.12	3.08	3.03	2.99	2.95	2.90	2.86		
65.0	3.54	3.73	3.87	3.83	3.78	3.74	3.70	3.65	3.61	3.56	3.52	3.48	3.43	3.39	3.34	3.30	3.26	3.21	3.17	3.12	3.08	3.04	2.99	2.95	2.90		
65.5	3.59	3.77	3.92	3.88	3.83	3.79	3.74	3.70	3.66	3.61	3.57	3.52	3.48	3.44	3.39	3.35	3.30	3.26	3.22	3.17	3.13	3.08	3.04	3.00	2.95		
66.0	3.63	3.81	3.97	3.92	3.88	3.83	3.79	3.75	3.70	3.66	3.61	3.57	3.53	3.48	3.44	3.39	3.35	3.31	3.26	3.22	3.17	3.13	3.09	3.04	3.00		
66.5	3.67	3.85	4.01	3.97	3.93	3.88	3.84	3.79	3.75	3.71	3.66	3.62	3.57	3.53	3.49	3.44	3.40	3.35	3.31	3.27	3.22	3.18	3.13	3.09	3.05		
67.0	3.71	3.89	4.06	4.02	3.97	3.93	3.89	3.84	3.80	3.75	3.71	3.66	3.62	3.58	3.53	3.49	3.44	3.40	3.36	3.31	3.27	3.22	3.18	3.14	3.09		
67.5	3.75	3.94	4.11	4.06	4.02	3.98	3.93	3.89	3.84	3.80	3.76	3.71	3.67	3.62	3.58	3.54	3.49	3.45	3.40	3.36	3.32	3.27	3.23	3.18	3.14		
68.0	3.79	3.98	4.15	4.11	4.07	4.02	3.98	3.93	3.89	3.85	3.80	3.76	3.71	3.67	3.63	3.58	3.54	3.49	3.45	3.41	3.36	3.32	3.27	3.23	3.19		
68.5	3.84	4.02	4.20	4.16	4.11	4.07	4.03	3.98	3.94	3.89	3.85	3.81	3.76	3.72	3.67	3.63	3.59	3.54	3.50	3.45	3.41	3.37	3.32	3.28	3.23		
69.0	3.88	4.06	4.25	4.20	4.16	4.12	4.07	4.03	3.98	3.94	3.89	3.85	3.81	3.76	3.72	3.68	3.63	3.59	3.54	3.50	3.46	3.41	3.37	3.32	3.28		
69.5	3.92	4.10	4.30	4.25	4.21	4.16	4.12	4.08	4.03	3.99	3.94	3.90	3.86	3.81	3.77	3.72	3.68	3.64	3.59	3.55	3.50	3.46	3.42	3.37	3.33		
70.0	3.96	4.15	4.34	4.30	4.25	4.21	4.17	4.12	4.08	4.03	3.99	3.95	3.90	3.86	3.81	3.77	3.73	3.68	3.64	3.59	3.55	3.51	3.46	3.42	3.37		
70.5	4.00	4.19	4.39	4.35	4.30	4.26	4.21	4.17	4.13	4.08	4.04	4.00	3.95	3.91	3.86	3.82	3.77	3.73	3.69	3.64	3.60	3.55	3.51	3.47	3.42		
71.0	4.05	4.23	4.44	4.39	4.35	4.30	4.26	4.22	4.17	4.13	4.08	4.04	4.00	3.95	3.91	3.86	3.82	3.78	3.73	3.69	3.64	3.60	3.56	3.51	3.47		
71.5	4.09	4.27	4.48	4.44	4.40	4.35	4.31	4.26	4.22	4.18	4.13	4.09	4.04	4.00	3.96	3.91	3.87	3.82	3.78	3.74	3.69	3.65	3.60	3.56	3.52		
72.0	4.13	4.31	4.53	4.49	4.44	4.40	4.35	4.31	4.27	4.22	4.18	4.13	4.09	4.05	4.00	3.96	3.91	3.87	3.83	3.78	3.74	3.69	3.65	3.61	3.57		
72.5	4.17	4.36	4.58	4.53	4.49	4.45	4.40	4.36	4.31	4.27	4.23	4.18	4.14	4.09	4.05	4.01	3.96	3.92	3.87	3.83	3.79	3.74	3.70	3.65	3.61		
73.0	4.21	4.40	4.62	4.58	4.54	4.49	4.45	4.40	4.36	4.32	4.27	4.23	4.18	4.14	4.10	4.05	4.01	3.96	3.92	3.88	3.83	3.79	3.74	3.70	3.66		
73.5	4.26	4.44	4.67	4.63	4.58	4.54	4.50	4.45	4.41	4.36	4.32	4.28	4.23	4.19	4.14	4.10	4.06	4.01	3.97	3.92	3.88	3.84	3.79	3.75	3.70		
74.0	4.30	4.48	4.72	4.67	4.63	4.59	4.54	4.50	4.45	4.41	4.37	4.32	4.28	4.23	4.19	4.15	4.10	4.06	4.01	3.97	3.93	3.88	3.84	3.79	3.75		
74.5	4.34	4.52	4.77	4.72	4.68	4.63	4.59	4.55	4.50	4.46	4.41	4.37	4.33	4.28	4.24	4.19	4.15	4.11	4.06	4.02	3.97	3.93	3.89	3.84	3.80		
75.0	4.38	4.57	4.81	4.77	4.72	4.68	4.64	4.59	4.55	4.50	4.46	4.42	4.37	4.33	4.28	4.24	4.20	4.15	4.11	4.06	4.02	3.98	3.93	3.89	3.84		
75.5	4.42	4.61	4.86	4.82	4.77	4.73	4.68	4.64	4.60	4.55	4.51	4.46	4.42	4.38	4.33	4.29	4.24	4.20	4.16	4.11	4.07	4.02	3.98	3.94	3.89		
76.0	4.47	4.65	4.91	4.86	4.82	4.77	4.73	4.69	4.64	4.60	4.55	4.51	4.47	4.42	4.38	4.33	4.29	4.25	4.20	4.16	4.11	4.07	4.03	3.98	3.94		
76.5	4.51	4.69	4.95	4.91	4.87	4.82	4.78	4.73	4.69	4.65	4.60	4.56	4.51	4.47	4.43	4.38	4.34	4.29	4.25								

TABLE 4. PREDICTED FEV1 FOR FEMALES (MONTGOM, ET AL; AM REV RESPIR DIS, 1976, 113, 507.)

Table with 30 columns (17-46) and 30 rows (52.0-77.0). Each cell contains a numerical value representing predicted FEV1.

NEW SECTION

WAC 296-62-14607 APPENDIX D-PULMONARY FUNCTION STANDARDS FOR COTTON DUST STANDARD. The spirometric measurements of pulmonary function shall conform to the following minimum standards, and these standards are not intended to preclude additional testing or alternate methods which can be determined to be superior.

(1) APPARATUS

(a) The instrument shall be accurate to within ± 50 milliliters or within ± 3 percent of reading, whichever is greater.

(b) The instrument should be capable of measuring vital capacity from 0 to 7 liters BTPS.

(c) The instrument shall have a low inertia and offer low resistance to airflow such that the resistance to airflow at 12 liters per second must be less than 1.5 cm. H2O/liter/sec.

(d) The zero time point for the purpose of timing the FEV1 shall be determined by extrapolating the steepest portion of the volume time curve back to the maximal inspiration volume (1, 2, 3, 4) or by an equivalent method.

(e) Instruments incorporating measurements of airflow to determine volume shall conform to the same volume accuracy stated in (a) of this subsection when presented with flow rates from at least 0 to 12 liters per second.

(f) The instrument or user of the instrument must have means of correcting volumes to a body temperature saturated with water vapor (BTPS) under conditions of varying ambient spirometer temperatures and barometric pressures.

(g) The instrument used shall provide a tracing or display of either flow versus volume or volume versus time during the entire forced expiration. A tracing or display is necessary to determine whether the patient has performed the test properly. The tracing must be stored and available for recall and must be of sufficient size that hand measurements may be made within requirement of paragraph (a) of this subsection. If a paper record is made it must have a paper speed of at least 2 cm/sec and a volume sensitivity of at least 10.0 mm of chart per liter of volume.

(h) The instrument shall be capable of accumulating for a minimum of ten seconds and shall not stop accumulating volume before (i) the volume change for a 0.5 second interval is less than 25 milliliters or (ii) the flow is less than 50 milliliters per second for a 0.5 second interval.

(i) The forced vital capacity (FVC) and forced inspiratory volume in 1 second ($FEV_{1.0}$) measurements shall comply with the accuracy requirements stated in paragraph (a) of this subsection. That is, they should be accurately measured to within ± 50 ml or within ± 3 percent of reading, whichever is greater.

(j) The instrument must be capable of being calibrated in the field with respect to the FEV_1 and FVC. This calibration of the FEV_1 and FVC may be either directly or indirectly through volume and time base measurements. The volume calibration source should provide a volume displacement of at least 2 liters and should be accurate to within ± 30 milliliters.

(2) TECHNIQUE FOR MEASUREMENT OF FORCED VITAL CAPACITY MANEUVER.

(a) Use of a nose clip is recommended but not required. The procedures shall be explained in simple terms to the patient who shall be instructed to loosen any tight clothing and stand in front of the apparatus. The subject may sit, but care should be taken on repeat testing that same position be used and, if possible, the same spirometer. Particular attention shall be given to insure that the chin is slightly elevated with the neck slightly extended. The patient shall be instructed to make a full inspiration from a normal breathing pattern and then blow into the apparatus, without interruption, as hard, fast, and completely as possible. At least three forced expirations shall be carried out. During the maneuvers, the patient shall be observed for compliance with instructions. The expirations shall be checked visually for reproducibility from flow-volume or volume-time tracings or displays. The following efforts shall be judged unacceptable when the patient:

(i) has not reached full inspiration preceding the forced expiration,

(ii) has not used maximal effort during the entire forced expiration,

(iii) has not continued the expiration for at least 5 seconds or until an obvious plateau in the volume time curve has occurred,

(iv) has coughed or closed his glottis,

(v) has an obstructed mouthpiece or a leak around the mouthpiece (obstruction due to tongue being placed in front of mouthpiece, false teeth falling in front of mouthpiece, etc.),

(vi) has an unsatisfactory start of expiration, one characterized by excessive hesitation (or false starts), and therefore not allowing back extrapolation of time 0 (extrapolated volume on the volume time tracing must be less than 10 percent of the FVC),

(vii) has an excessive variability between the three acceptable curves. The variation between the two largest FVC's and FEV_1 's of the three satisfactory tracings should not exceed 10 percent or ± 100 milliliters, whichever is greater.

(b) Periodic and routine recalibration of the instrument or method for recording FVC and $FEV_{1.0}$ should be performed using a syringe or other volume source of at least 2 liters.

(3) INTERPRETATION OF SPIROGRAM.

(a) The first step in evaluating a spirogram should be to determine whether or not the patient has performed the test properly or as described in subsection (2) of this section. From the three satisfactory tracings, the forced vital capacity (FVC) and forced expiratory volume in 1 second ($FEV_{1.0}$) shall be measured and recorded. The largest observed FVC and largest observed $FEV_{1.0}$ shall be used in the analysis regardless of the curve(s) on which they occur.

(b) The following guidelines are recommended by NIOSH for the evaluation and management of workers exposed to cotton dust. It is important to note that employees who show reductions in FEV_1 /FVC ratio below .75 or drops in Monday FEV_1 of 5 percent or greater on their initial screening exam, should be reevaluated within a month of the first exam. Those who show consistent decrease in lung function, as shown on the following table, should be managed as recommended.

(4) QUALIFICATIONS OF PERSONNEL ADMINISTERING THE TEST.

Technicians who perform pulmonary function testing should have the basic knowledge required to produce meaningful results. Training consisting of approximately 16 hours of formal instruction should cover the following areas.

(a) Basic physiology of the forced vital capacity maneuver and the determinants of airflow limitation with emphasis on the relation to reproducibility of results.

(b) Instrumentation requirements including calibration procedures, sources of error and their correction.

(c) Performance of the testing including subject coaching, recognition of improperly performed maneuvers and corrective actions.

(d) Data quality with emphasis on reproducibility.

(e) Actual use of the equipment under supervised conditions.

(f) Measurement of tracings and calculations of results.

NEW SECTION

WAC 296-78-500 FORWARD. (1) General requirements. The chapter 296-78 WAC shall apply to

and include safety requirements for all installations where the primary manufacturing of wood building products takes place. The installations may be a permanent fixed establishment or a portable operation. These operations shall include but are not limited to log and lumber handling, sawing, trimming and planing, plywood or veneer manufacturing, canting operations, waste or residual handling, operation of dry kilns, finishing, shipping, storage, yard and yard equipment, and for power tools and affiliated equipment used in connection with such operation. WAC 296-78-450 shall apply to shake and shingle manufacturing. The provisions of WAC 296-78-500 through 296-78-84011 are also applicable in shake and shingle manufacturing except in instances of conflict with the requirements of WAC 296-78-705. (Rev. 1-28-76).

(2) This standard shall augment the Washington State General Safety and Health Standards, General Occupational Health Standards, Electrical Workers Safety Rules, and any other standards which are applicable to all industries governed by chapter 80, Laws of 1973, Washington Industrial Safety and Health Act. In the event of any conflict between any portion of this chapter and any portion of any of the general application standards, the provisions of this chapter 296-78 WAC, shall apply.

(3) In exceptional cases where compliance with specific provisions of this chapter can only be accomplished to the serious detriment and disadvantage of an operation, variance from the requirement may be permitted by the director of the Department of Labor and Industries after receipt of Application for Variance which meets the requirements of WAC 296-24-010, General Safety and Health Standards.

(4) No safety program will run itself. To be successful, the wholehearted interest of the employees' group (labor unions) and management must not only be behind the program, but the fact must also be readily apparent to all.

NEW SECTION

WAC 296-78-505 DEFINITIONS APPLICABLE TO THIS CHAPTER. (1) "A-frame" means a structure made of two independent columns fastened together at the top and separated at the bottom for stability.

(2) "Annealing" heating then cooling to soften and render less brittle.

(3) "Binder" a hinged lever assembly used to connect the ends of a wrapper to tighten the wrapper around the load of logs or materials.

(4) "Boom" logs or timbers fastened together end to end and used to contain floating logs. The term includes enclosed logs.

(5) "Brow log" a log placed parallel to a roadway at a landing or dump to protect vehicles while loading or unloading.

(6) "Bunk" a cross support for a load.

(7) "Cant" a log slabbed on one or more sides.

(8) "Carriage" (log carriage) a framework mounted on wheels which runs on tracts or in grooves in a direction parallel to the face of the saw, and which contains

apparatus to hold a log securely and advance it toward the saw.

(9) "Carrier" an industrial truck so designed and constructed that it straddles the load to be transported with mechanisms to pick up the load and support it during transportation.

(10) "Chipper" a machine which cuts material into chips.

(11) "Chock", "bunk block", and "cheese block" a wedge that prevents logs or loads from moving.

(12) "Cold deck" a pile of logs stored for future removal.

(13) "Crotch lines" two short lines attached to a hoisting line by a ring or shackle, the lower ends being attached to loading hooks.

(14) "Dog" (carriage dog) a steel tooth or assembly of steel teeth, one or more of which are attached to each carriage knee to hold log firmly in place on carriage.

(15) "Drag saw" a power-driven, reciprocating cross-cut saw mounted on suitable frame and used for bucking logs.

(16) "Head block" that part of a carriage which holds the log and upon which it rests. It generally consists of base, knee, taper set, and mechanism.

(17) "Head rig" a combination of head saw and log carriage used for the initial breakdown of logs into timbers, cants, and boards.

(18) "Hog" a machine for cutting or grinding slabs and other coarse residue from the mill.

(19) "Husk" a head saw framework on a circular mill.

(20) "Industrial truck" a mobile, power-driven vehicle used to carry, push or pull material. It is designed for "in-plant" or "on-site" use rather than highway use.

(21) "Kiln tender" the operator of a kiln.

(22) "Lift truck" an industrial truck used for lateral transportation and equipped with a power-operated lifting device, usually in the form of forks, for piling or un-piling lumber units or packages.

(23) "Live rolls" cylinders of wood or metal mounted on horizontal axes and rotated by power, which are used to convey slabs, lumber, and other wood products.

(24) "Loading boom" any structure projecting from a pivot point and intended to be used for lifting and guiding loads for the purpose of loading or unloading.

(25) "Log" a portion of a tree, usually a minimum of twelve feet in length, capable of being further processed into a variety of wood products.

(26) "Log deck" a platform in the sawmill on which the logs remain until needed for sawing.

(27) "Log haul" a conveyor for transferring logs to mill.

(28) "Lumber dimensions" the nominal size of surfaced lumber, unless otherwise stated.

(29) "Lumber hauling truck" an industrial truck, other than a lift truck or a carrier, used for the transport of lumber.

(30) "Package" a unit of lumber.

(31) "Peavy" a stout wooden handle fitted with a spike and hook and used for rolling logs.

(32) "Peeler block" a portion of a tree usually bucked in two foot intervals plus trim, to be peeled in a lathe or

sliced in a slicer into veneer for further processing into plywood.

(33) "Pike pole" a long pole whose end is shod with a sharp pointed spike.

(34) "Pitman rod" connecting rod.

(35) "Resaw" band, circular, or sash gang saws used to break down slabs, cants, or flitches into lumber.

(36) "Running line" any moving rope as distinguished from a stationary rope such as a guyline.

(37) "Safety factor" a calculated reduction factor which may be applied to laboratory test values to obtain safe working stresses for wooden beams and other mechanical members; ratio of breaking load to safe load.

(38) "Saw guide" a device for steadying a circular or bandsaw.

(39) "Setwork" a mechanism on a sawmill carriage which enables an operator to move the log into position for another cut.

(40) "Sorting gaps" the areas on a log pond enclosed by boom sticks into which logs are sorted.

(41) "Spreader wheel" a metal wheel that separates the board from the log in back of circular saws to prevent binding.

(42) "Splitter" a knife-type, nonrotating spreader.

(43) "Sticker" a strip of wood or other material used to separate layers of lumber.

(44) "Stiff boom" the anchored, stationary boom sticks which are tied together and on which boom persons work.

(45) "Swifter" is a tying of boom sticks together to prevent them from spreading while being towed.

(46) "Telltale" a device used to serve as a warning for overhead objects.

(47) "Top saw" the upper of two circular saws on a head rig, both being on the same husk.

(48) "Tramway" a way for trams, usually consisting of parallel tracks laid on wooden beams.

(49) "Trestle" a braced framework of timbers, piles or steelwork for carrying a road or railroad over a depression.

(50) "Wrapper" a chain, strap or wire rope assembly used to contain a load of logs or materials.

NEW SECTION

WAC 296-78-510 EDUCATION AND FIRST-AID STANDARDS. It shall be the duty of every employer to comply with such standards and systems of education for safety as shall be, from time to time, prescribed for such employer by the Director of Labor and Industries through the Division of Industrial Safety and Health or by statute.

NEW SECTION

WAC 296-78-515 MANAGEMENT'S RESPONSIBILITY. (1) It shall be the responsibility of management to establish and supervise:

(a) A safe and healthful working environment.

(b) An accident prevention program as required by these standards.

(c) Training programs to improve the skill and competency of all employees in the field of occupational

safety and health. Such training shall include the on-the-job instructions on the safe use of powered materials handling equipment, machine tool operations, use of toxic materials and operation of utility systems prior to assignments to jobs involving such exposures.

(2) Management shall not assign mechanics, millwrights, or other persons to work on equipment by themselves when there is a probability that the person could fall from elevated work locations or equipment or that a person could be pinned down by heavy parts or equipment so that they could not call for or obtain assistance if the need arises.

NOTE: This subsection does not apply to operators of motor vehicles, watchmen or certain other jobs which, by their nature, are singular employee assignments. However, a definite procedure for checking the welfare of all employees during their working hours shall be instituted and all employees so advised.

(3) After the emergency actions following accidents that cause serious injuries that have immediate symptoms, a preliminary investigation of the cause of the accident shall be conducted. The investigation shall be conducted by a person designated by the employer, the immediate supervisor of the injured employee, witnesses, employee representative if available and any other person with the special expertise required to evaluate the facts relating to the cause of the accident. The findings of the investigation shall be documented by the employer for reference at any following formal investigation.

(4) Reporting of fatality or multiple hospitalization accidents.

(a) Within twenty-four hours after the occurrence of an employment accident which results in an immediate or probable fatality(s) or which results in the hospitalization of two or more employees, the employer of any employee so injured or killed shall report the accident, either orally or in writing, to the nearest office of the department. The reporting may be by telephone or telegraph. The reporting shall relate the circumstances of the accident, the number of fatalities, and the extent of any injuries. The director may require such additional reports, in writing or otherwise, as he deems necessary, concerning the accident.

(b) Equipment involved in an accident resulting in an immediate or probable fatality, shall not be moved, until a representative of the Division of Industrial Safety and Health investigates the accident and releases such equipment, except where removal is essential to prevent further accident. Where necessary to remove the victim, such equipment may be moved only to the extent of making possible such removal.

(c) Upon arrival of Division of Industrial Safety and Health investigator, employer shall assign to assist the investigator, the immediate supervisor and all employees who were witnesses to the accident, or whoever the investigator deems necessary to complete his investigation.

(5) A system for maintaining records of occupational injuries and illnesses as prescribed by chapter 296-27 WAC.

NOTE: Recordable cases include:

- (1) Every occupational death.
- (2) Every industrial illness.
- (3) Every occupational injury that involves one of the following:
 - (a) Unconsciousness.
 - (b) Inability to perform all phases of regular job.
 - (c) Inability to work full time on regular job.
 - (d) Temporary assignment to another job.
 - (e) Medical treatment beyond first-aid.

All employers with eleven or more employees shall record occupational injury and illness information on forms OSHA 101 - Supplementary Record Occupational Injuries and Illnesses and OSHA 200 - Log and Summary. Forms other than OSHA 101 may be substituted for the Supplementary Record of Occupational Injuries and Illnesses if they contain the same items.

NEW SECTION

WAC 296-78-520 EMPLOYEE'S RESPONSIBILITY. (1) Employees shall coordinate and cooperate with all other employees in an attempt to eliminate accidents.

(2) Employees shall study and observe all safe practices governing their work.

(3) Employees should offer safety suggestions, wherein such suggestions may contribute to a safer work environment.

(4) Employees shall apply the principles of accident prevention in their daily work and shall use proper safety devices and protective equipment as required by their employment or employer.

(5) Employees shall properly care for all personal protective equipment.

(6) Employees shall make a prompt report to their immediate supervisor, of each industrial injury or occupational illness, regardless of the degree of severity.

(7) Employees shall not wear torn or loose clothing while working around machinery.

NEW SECTION

WAC 296-78-525 ACCIDENT PREVENTION PROGRAMS. Each employer shall develop a formal accident-prevention program, tailored to the needs of the particular plant or operation and to the type of hazards involved. The division may be contacted for assistance in developing appropriate programs.

(1) The following are the minimal program elements for all employers:

(a) A safety orientation program describing the employer's safety program and including:

(i) How and when to report injuries, including instruction as to the location of first-aid facilities.

(ii) How to report unsafe conditions and practices.

(iii) The use and care of required personal protective equipment.

(iv) The proper actions to take in event of emergencies including the routes of exiting from areas during emergencies.

(v) Identification of the hazardous gases, chemicals or materials involved along with the instructions on the safe use and emergency action following accidental exposure.

(vi) A description of the employers total safety program.

(vii) An on-the-job review of the practices necessary to perform the initial job assignments in a safe manner.

(b) A designated safety and health committee consisting of management and employee representatives with the employee representatives being elected or appointed by fellow employees.

(2) Each accident-prevention program shall be outlined in written format.

NEW SECTION

WAC 296-78-530 SAFETY AND HEALTH COMMITTEE PLAN. (1) All employers of eleven or more employees, shall have a designated safety committee composed of employer and employee elected members.

(a) The terms of employee-elected members shall be a maximum of one year. Should a vacancy occur on the committee, a new member shall be elected prior to the next scheduled meeting.

(b) The number of employer-selected members shall not exceed the number of employee-elected members.

(2) The safety committee shall have an elected chairperson.

(3) The safety committee shall be responsible for determining the frequency of committee meetings.

NOTE: If the committee vote on the frequency of safety meetings is stalemated, the Division's Regional Safety Educational Representative may be consulted for recommendations.

(a) The committee shall be responsible for determining the date, hour and location of the meetings.

(b) The length of each meeting shall not exceed one hour except by majority vote of the committee.

(4) Minutes of each committee meeting shall be prepared and filed for a period of at least one year and shall be made available for review by noncompliance personnel of the Division of Industrial Safety and Health.

(5) Safety and health committee meetings shall address the following:

(a) A review of the safety and health inspection reports to assist in correction of identified unsafe conditions or practices.

(b) An evaluation of the accident investigations conducted since the last meeting to determine if the cause of the unsafe acts or unsafe conditions involved was properly identified and corrected.

(c) An evaluation of the accident or illness prevention program with the discussion of recommendation for improvement where indicated.

(d) The attendance shall be documented.

(e) The subject(s) discussed shall be documented.

(6) All employers of ten or less employees and employers of eleven or more employees where the employees are segregated on different shifts or in widely dispersed locations in crews of ten or less employees,

may elect to have foreman-crew meetings in lieu of a safety and health committee plan provided:

(a) Foreman-crew safety meetings be held at least once a month, however, if conditions require, weekly or semimonthly meetings shall be held to discuss safety problems as they arise.

(b) All items under subsection (5) of this section shall be covered.

NEW SECTION

WAC 296-78-535 SAFETY BULLETIN BOARD. There shall be installed and maintained in every fixed establishment, a safety bulletin board sufficient in size to display and post safety bulletins, newsletters, posters, accident statistics and other safety educational material. It is recommended that safety bulletin boards be painted green and white.

NEW SECTION

WAC 296-78-540 FIRST-AID TRAINING AND CERTIFICATION. The purpose of this section is to assure that all employees of this state can be afforded quick, and effective first-aid attention in the event that an injury occurs on the job. The means of achieving this purpose is to assure the presence of personnel trained in first-aid procedures at or near those places where employees are working. Compliance with the provisions of this section may require the presence of more than one first-aid trained person.

(1) In addition to RCW 51.36.030, every employer shall comply with the department's requirements for first-aid training and certification.

(2) There shall be present or available at all times, a person or persons holding a valid certificate of first-aid training. (A valid first-aid certificate is one which is less than three years old.)

(3) Compliance with the requirements of subsection (2) of this section may be achieved as follows:

(a) All foremen, supervisors, or persons in direct charge of crews working in physically dispersed operations, shall have a valid first-aid certificate: PROVIDED, That if the duties or work of the foreman, supervisor or person in direct charge of a crew, is absent from the crew, another person holding a valid first-aid certificate shall be present. For the purpose of this section, a crew shall mean a group of two or more employees working at a work site separate and remote from the main office or fixed work place (such as occurs in construction, logging, etc.). In emergencies, foremen will be permitted to work up to thirty days without having the required certificate, providing an employee in the crew or another foreman in the immediate work area has the necessary certificate.

(b) In fixed establishments, all foremen, supervisors, or persons in direct charge if a group or groups of employees shall have a valid first-aid certificate: PROVIDED, That in fixed establishments where the foreman, supervisor, or person in charge has duties which require his absence from the work site of the group, another person holding a valid first-aid certificate shall be

present or available to the groups. Foremen, supervisors or persons in direct charge of a group or groups of employees will be permitted to work up to thirty days without having the required certificate, providing an employee in the crew or another foreman in the immediate work area has the necessary certificate.

(c) In fixed establishments organized into distinct departments or equivalent organizational units such as department stores, large company offices, etc., a person or persons holding a valid first-aid certificate shall be present or available at all times employees are working within that department or organizational unit.

(d) In small businesses, offices or similar types of fixed workplaces, compliance may be achieved by having a number of such small businesses, offices, etc., combined into a single unit for the purpose of assuring the continued presence or availability of a person or persons holding a valid first-aid training certificate. A plan for combining a number of small businesses, etc., into such a group shall be submitted to the Division of Industrial Safety and Health, Safety Education Section, for approval. That section is also available to assist employers who wish to develop such a plan. Criteria for approval by the division shall include:

(i) The businesses within the group must not be widely dispersed;

(ii) The name(s) of the person or persons holding the first-aid certificate, their usual places of work, their work phone numbers, and other appropriate information shall be posted in each establishment which is a member of the group, in a place which can reasonably be expected to give notice to employees of that establishment;

(iii) First-aid kits shall be available and maintained as required by WAC 296-24-065.

(e) Valid certification shall be achieved by passing a course of first-aid instruction and participation in practical application of the following subject matter:

- Bleeding control and bandaging.
- Practical methods of artificial respiration including mouth to mouth to nose resuscitation.
- Closed chest heart massage.
- Poisons.
- Shock, unconsciousness, stroke.
- Burns, scalds.
- Sunstroke, heat exhaustion.
- Frostbite, freezing, hypothermia.
- Strains, sprains, hernias.
- Fractures, dislocations.
- Proper transportation of the injured.
- Bites, stings.
- Subjects covering specific health hazards likely to be encountered by co-workers of first-aid students enrolled in the course.

(4) Industrial first-aid course instructors will, upon request, be furnished by the Division of Industrial Safety and Health, Department of Labor and Industries, either directly or through a program with the community colleges or vocational education.

(5) Employers of employees working in fixed establishments, meeting the following criteria, are exempt from the requirements of this section: PROVIDED

(a) They can submit written evidence to the department upon request, that the worksite of their employees is within a two minute time frame of response by an aid car, medic unit or established ambulance service with first-aid trained attendants.

(b) There is a back-up aid car, medic unit or established ambulance service within the two minute response time; or that a first-aid trained person with readily available transportation is on the site of the posted emergency phone number for immediate dispatch in the event the primary unit is not available.

(c) There are no traffic impediments, such as draw bridges, railroad tracks, etc., along the normal route of travel of the aid car, medic unit or established ambulance service that would delay arrival beyond the required two minute time frame.

(d) Emergency telephone numbers are posted on all first-aid kits and at all telephones on the worksite.

(e) The above services are available or exist at all times when more than one employee is on the worksite.

NOTE: A construction site that will be of more than six months duration, such as a large building, shall be considered a fixed establishment for the purposes of this section. Doctor's offices and clinics are not to be considered as alternates due to the fact that very often doctor's schedules require them to be away from their offices.

NEW SECTION

WAC 296-78-545 FIRST-AID KIT. (1) All employers who employ men and women covered by the Industrial Safety and Health Act shall furnish first-aid kits as required by the Division of Industrial Safety and Health, Department of Labor and Industries, (RCW 51.36.030).

(2) First-aid supplies shall be readily accessible when required.

(3) In the absence of readily accessible first-aid supplies such as first-aid kits, first-aid stations, first-aid rooms or their equivalent, all crew trucks, power shovels, cranes, locomotives, loaders, dozers, logging trucks, speeders, freight trucks and similar equipment shall be equipped with not less than a ten package first-aid kit.

(4) All crew vehicles used for transporting workers shall be equipped with not less than a ten package first-aid kit. When more than five employees are being transported on any one trip, the kit shall be increased in size to comply with a 16, 24, or 36-package kit depending upon the number of personnel normally being transported.

(5) At least one first-aid kit shall be available on construction jobs, line crews, and other transient or short duration jobs. The size and quantity of first-aid kits, required to be located at any site, shall be determined by the number of personnel normally dependent upon each kit as outlined in the following table:

NUMBER OF PERSONNEL NORMALLY ASSIGNED TO WORKSITE	MINIMUM FIRST AID SUPPLIES REQUIRED AT WORKSITE
1 - 50 persons	First Aid Kit
1 - 5	10 package kit

6 - 15	16 package kit
16 - 30	24 package kit
31 - 50	36 package kit
51 - 200 persons	First Aid Station
51 - 75	One 36 and one 10 package kit
76 - 100	One 36 and one 16 package kit
101 - 150	One 36 and one 24 package kit
151 - 200	Two 36 package kits
Over 200 Persons	First Aid Room Refer to WAC 296-24-070

(6) Employers shall establish a procedure to assure that first-aid kits and required contents are maintained in a serviceable condition.

(7) First-aid kits shall contain at least the following items:

10 Package Kit

- 1 Pkg. Adhesive bandages, 1" (16 per pkg.)
- 1 Pkg. Bandage Compress, 4" (1 per pkg.)
- 1 Pkg. Scissors* and tweezers (1 each per pkg.)
- 1 Pkg. Triangular bandage, 40" (1 per pkg.)
- 1 Pkg. Antiseptic soap or pads (3 per pkg.)
- 5 Pkgs. of consulting physician's choice**

16 Package Kit

- 1 Pkg. Absorbent gauze, 24" x 72" (1 per pkg.)
- 1 Pkg. Adhesive bandages, 1" (16 per pkg.)
- 2 Pkgs. Bandage compresses, 4" (1 per pkg.)
- 1 Pkg. Eye dressing (1 per pkg.)
- 1 Pkg. Scissors* and tweezers (1 each per pkg.)
- 2 Pkgs. Triangular bandages, 40" (1 per pkg.)
- 1 Pkg. Antiseptic soap or pads (3 per pkg.)
- 7 Pkgs. of consulting physician's choice**

24 Package Kit

- 2 Pkgs. Absorbent gauze, 24" x 72" (1 per pkg.)
- 2 Pkgs. Adhesive bandages, 1" (16 per pkg.)
- 2 Pkgs. Bandage compresses, 4" (1 per pkg.)
- 1 Pkg. Eye dressing (1 per pkg.)
- 1 Pkg. Scissors* and tweezers (1 each per pkg.)
- 6 Pkgs. Triangular bandages (1 per pkg.)
- 1 Pkg. Antiseptic soap or pads (3 per pkg.)

9 Pkgs. of consulting physician's choice**

36 Package Kit

4 Pkgs. Absorbent gauze, 24" x 72" (1 per pkg.)

2 Pkgs. Adhesive bandages, 1" (16 per pkg.)

5 Pkgs. Bandage compresses, 4" (1 per pkg.)

2 Pkgs. Eye dressing (1 per pkg.)

1 Pkg. Scissors* and tweezers (1 each per pkg.)

8 Pkgs. Triangular bandages, 40" (1 per pkg.)

1 Pkg. Antiseptic soap or pads (3 per pkg.)

13 Pkgs. of consulting physician's choice**

*Scissors shall be capable of cutting 2 layers of 15 oz. cotton cloth or its equivalent.

**First-aid kits shall be maintained at the ten, sixteen, twenty-four or thirty-six package level. In the event the consulting physician chooses not to recommend items, the Department of Labor and Industries shall be contacted for recommended items to complete the kit.

(8) Where the eyes or body of any person may be exposed to injurious chemicals and/or materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided, within the work area, for immediate emergency use.

(9) When practical, a poster shall be fastened and maintained either on or in the cover of each first-aid kit and at or near all phones plainly stating, the phone numbers of available doctors, hospitals, and ambulance services within the district of the worksite.

(10) When required by the department, in addition to the first-aid kit which must be kept on the equipment or at the place of work, there shall be available within the closest practicable distance from the operations (not to exceed one-half mile) the following items:

- 1 set of arm and leg splints.
- 2 all wool blankets or blankets equal in strength and fire resistant (properly protected and marked).
- 1 stretcher.

NEW SECTION

WAC 296-78-550 FIRST-AID STATION. (1) First-aid stations shall be located as close as practicable to the highest concentration of personnel.

(2) First-aid stations shall be well marked and available to personnel during all working hours.

(3) One person holding a valid first-aid certificate shall be responsible for the proper use and maintenance of the first-aid station.

(4) First-aid stations shall be equipped with a minimum of two first-aid kits, the size of which shall be dependent upon the number of personnel normally

employed at the worksite. One first-aid kit may be a permanent wall-mounted kit, but in all cases the station shall be equipped with at least one portable first-aid kit.

(5) When required by the department, the station shall be equipped with two wool blankets and a stretcher in addition to first-aid kits.

(6) A roster, denoting the telephone numbers and addresses of doctors, hospitals and ambulance services available to the worksite, shall be posted at each first-aid station.

NEW SECTION

WAC 296-78-555 FIRST-AID ROOM. (1) Every fixed establishment employing more than two hundred persons shall have a first-aid room plainly designated as such, located as close as possible to the heaviest concentrated work area.

(2) The first-aid room shall be well lighted and ventilated, kept clean and orderly, provided with hot and cold running water, and maintained in a fully-equipped condition.

(3) The first-aid room shall be manned and maintained by:

- (a) A licensed physician; or
- (b) A licensed or registered nurse; or
- (c) An employee who:
 - (i) Holds a valid advanced first-aid certificate as recognized by the department,
 - (ii) works in the vicinity of the first-aid room, and
 - (iii) does not perform other work of the nature that is likely to affect adversely her/his ability to administer first-aid.

(4) First-aid rooms shall be equipped with items recommended by the consulting physician or plant medical officer and, as a minimum, should contain an adequate supply of the following:

- Antiseptic soap
- 3/4" or 1" adhesive compresses
- Adhesive knuckle bands
- 2" Bandage compresses
- 4" Bandage compresses
- 3" x 3" gauze pads
- Assorted sizes of large gauze pads
- 2" roller bandages
- 3" roller bandages
- 4" roller bandages
- Assorted adhesive tape rolls
- Eye dressings
- Ammonia inhalants
- Burn ointment
- Triangular bandages
- Scissors, forceps, razor and blades, medicine droppers
- Safety pins
- Drinking cups
- Rubbing alcohol
- Absorbent cotton
- Arm and leg splints
- Antidotes for specific industrial poisons
- Pressure points chart
- Stretcher

Wool blankets and clean linen
 Hot water bottles
 Quick colds or ice bag
 Emergency first-aid kit
 A method of sterilizing instruments

(5) A poster shall be maintained on, or in the cover of, each first-aid cabinet and near each first-aid room phone. Such poster will state phone numbers of available doctors, hospitals, and ambulance services within the employer's district.

NEW SECTION

WAC 296-78-560 SAFE PLACE STANDARDS.

(1) Each employer shall furnish to each of his employees a place of employment free from recognized hazards that are causing or likely to cause serious injury or death to his employees.

(2) Every employer shall furnish and use safety devices and safeguards, and shall adopt and use practices, means, methods, operations, and processes which are reasonably adequate to render such employment and place of employment safe. Every employer shall do every other thing reasonably necessary to protect the life and safety of employees.

(3) No employer shall require any employee to go or be in any employment or place of employment which is not safe.

(4) No employer shall fail or neglect:

(a) To provide and use safety devices and safeguards.

(b) To adopt and use methods and processes reasonably adequate to render the employment and place of employment safe.

(c) To do every other thing reasonably necessary to protect the life and safety of employees.

(5) No employer, owner, or lessee of any real property shall construct or cause to be constructed any place of employment that is not safe.

(6) No person shall do any of the following:

(a) Remove, displace, damage, destroy or carry off any safety device, safeguard, notice, or warning, furnished for use in any employment or place of employment.

(b) Interfere in any way with the use thereof by any other person.

(c) Interfere with the use of any method or process adopted for the protection of any employee, including himself, in such employment, or place of employment.

(d) Fail or neglect to do every other thing reasonably necessary to protect the life and safety of employees.

(e) Intoxicating beverages and narcotics shall not be permitted or used in or around work sites. Workers under the influence of alcohol or narcotics shall not be permitted on the work site. This rule does not apply to persons taking prescription drugs and or narcotics as directed by a physician providing such use shall not endanger the worker or others.

NEW SECTION

WAC 296-78-565 LOG DUMPS AND PONDS—HEADMILLS.

NEW SECTION

WAC 296-78-56501 LOG DUMPS AND PONDS. (1) Log dumps, booms, ponds or storage areas, if used at night, shall be illuminated in accordance with the requirements of WAC 296-62-09003, General Occupational Health Standards.

(2) A log dump shall be constructed at each log pond or decking ground. Log trucks shall not be unloaded by use of peavies or by hand.

(a) The roadbed shall be of hard packed gravel, heavy planking or equivalent material and shall be maintained at all times. Roadbeds at log dumps shall be of width and evenness to insure safe operation of equipment.

(b) A mechanical unloading device shall be provided and used for unloading logs. Log unloading areas shall be arranged and maintained to provide a safe working area.

(c) Signs prohibiting unauthorized foot or vehicle traffic in log unloading and storage areas shall be posted.

(d) At no time shall one person be permitted to work alone on a log dump, a booming or rafting grounds, or a log pond.

(3) Water log dumps. Ungrounded electrically powered hoists using handheld remote control in grounded locations, such as log dumps or mill log lifts, shall be actuated by circuits operating at less than 50 volts to ground.

(4)(a) A brow log, skid timbers or the equivalent shall be installed on all log dumps.

(b) Where logs are unloaded onto skids, sufficient space shall be provided between the top of the skids and the ground to accommodate the body of a person.

(c) All truck dumps shall be built with not more than six inches variation of level from side to side.

(5)(a) All truck log dumps shall be equipped with a positive safeguard to prevent logs from leaving the load on the side opposite the brow log. Jill pokes shall not be used on truck log dumps.

(b) Unloading lines shall be attached and tightened or other positive safeguard in place before binder chains are released at any log dump.

(c) Stakes and chocks which trip shall be constructed in such manner that the tripping mechanism that releases the stake or chocks is activated at the opposite side of the load being tripped.

(d) Binders shall be released only from the side on which the unloader operates, except when released by remote control devices or except when person making release is protected by racks or stanchions or other equivalent means.

(e) Loads on which a binder is fouled by the unloading machine shall have an extra binder or metal band of equal strength placed around the load, or the load shall be otherwise secured so that the fouled binder can be safely removed.

(f) Unloading lines, crotch lines, or equally effective means shall be arranged and used in a manner to minimize the possibility of any log swinging or rolling back.

(6)(a) In unloading operations, the operator of unloading machine shall have an unobstructed view of the vehicle and the logs being unloaded.

(b) Unloading lines shall be arranged so that it is not necessary for the employees to attach them from the pond or dump site of the load except when entire loads are lifted from the log-transporting vehicle.

(7) All log dumps shall be kept reasonably free of bark and other debris.

(8) Employees shall remain in the clear until all moving equipment has come to a complete stop.

(9) Artificial log ponds subject to unhealthy stagnation shall be drained, cleansed, and water changed at least once every six months.

(10) All employees whose regular work requires walking on logs shall wear spiked or calked shoes, except when working in snow.

(11) Employees working on, over or along water, where the danger of drowning exists, shall be provided with and shall wear approved personal flotation devices.

(a) Employees are not considered exposed to the danger of drowning:

(i) When working behind standard height and strength guardrails;

(ii) When working inside operating cabs or stations which eliminate the possibility of accidentally falling into the water;

(iii) When wearing approved safety belts with lifeline attached so as to preclude the possibility of falling into the water.

(b) Prior to and after each use, personal floating devices shall be inspected for defects which would reduce their designed effectiveness. Defective personal flotation devices shall not be used.

(c) To meet the approved criteria required by subsection (11) of this subsection, a personal flotation device shall be approved by the United States Coast Guard as a Type I PFD, Type II PFD, Type III PFD, or Type V PFD, or their equivalent, pursuant to 46 CFR 160 (Coast Guard Lifesaving Equipment Specifications) and 33 CFR 175.23 (Coast Guard table of devices equivalent to personal flotation devices). Ski belt or inflatable type personal flotation devices are specifically prohibited.

(12)(a) Wooden pike poles shall be of continuous, straight grained No. 1 material. Defective poles, blunt or dull pikes shall not be used.

(b) Aluminum or other metal poles shall not be used where hazard of coming in contact with live electric wires exists.

(13)(a) Walkways and floats shall be provided and security anchored to provide safe passage for workers.

(b) Permanent cable swifters shall be so arranged that it will not be necessary to roll boom sticks in order to attach or detach them.

(c) Inspection of cable or dogging lines shall be made as necessary to determine when repair or removal from service is necessary.

(14)(a) Decks of floats or other walkways shall be kept above the waterline at all times and shall be capable of supporting four times the load to be imposed.

(b) Floating donkeys or other power-driven machinery used on booms shall be placed on a raft or float with enough buoyancy to keep the deck above water.

(15)(a) All regular boom sticks and foot logs shall be reasonably straight, have all protruding knots and bark

removed, and shall be capable of supporting above the waterline at either end, any necessary weight of workers and equipment.

(b) Stiff booms shall be two float logs wide secured by boom chains or other connecting devices, and of a width adequate for the working needs. Walking surfaces shall be free of loose material and maintained in good repair.

(c) Boom sticks shall be fastened together with cross-ties or couplings.

NEW SECTION

WAC 296-78-56503 (1) Every log haul used as a walkway shall have at least one walkway with standard railing to enable workers to stand clear of the logs in the chute. Cleats shall be installed to provide safe footing on sloping walkways.

(2) Workers shall not stand under or dangerously near to logs that are being hoisted vertically to the log deck.

(3)(a) Log haul gears and bull chain drive mechanism shall be adequately guarded for the protection of employees.

(b) Log haul bull chains or cable shall be designed, installed, and maintained to provide a 4 to 1 safety factor for the intended load.

(c) Troughs for the return strand of log haul chains shall be provided over passageways.

(d) Overhead protection shall be provided for employees working below logs being moved to the log deck.

(4) Log haul controls shall be arranged to operate from a position where the operator will at all times be in the clear of logs, machinery lines and rigging. Such controls shall operate mechanism only when moved toward the log slip or deck.

(5) Where possible an automatic stop shall be installed on all log hauls. A positive stop shall be installed on all log hauls to prevent logs from traveling too far ahead in the mill.

(6)(a) Slip persons shall handle pike poles in such manner as to be in the clear in case of a slip back.

(b) All sorting gaps shall have a stiff boom on each side.

(c) The banks of the log pond in the vicinity of the log haul shall be reinforced to prevent caving in.

NEW SECTION

WAC 296-78-56505 BOATS AND MECHANICAL DEVICES ON WATERS. (1) Prior to starting the boat motor, any spilled fuel shall be removed and vapors shall be exhausted from any area in which they may accumulate.

(2) The bilge area shall be kept clean and oil, grease, fuel, or highly combustible materials shall not be allowed to accumulate.

(3) Adequate ventilation equipment shall be provided and used for the bilge area to prevent the accumulation of toxic or explosive gases or vapors.

(4) Adequate ventilation equipment shall be provided and used for the cabin area on enclosed cabin-type boats to prevent an accumulation of harmful gases or vapors.

(5) Deck and cabin lighting shall be provided and used where necessary to provide safe levels of illumination aboard boats. Boats operated during the period from sunset to sunrise, or in conditions of restricted visibility, shall display navigation lights as required by the United States Coast Guard. Searchlights or floodlights shall be provided to facilitate safe navigation and to illuminate working or boarding areas adjacent to the craft.

(6) On craft used by workers wearing calked shoes, all areas where the operator or workers must stand or walk shall be made of or be covered with wood or other suitable matting or nonslip material and such covering shall be maintained in good condition.

(7) Each boat shall be provided with a fire extinguisher and life ring with at least fifty feet of one-fourth inch line attached. On log broncs, boom-scooters, or other small boomboats where all occupants are required to wear life saving devices and a life ring would present a tripping hazard, the life ring may be omitted.

(8)(a) Along docks, walkways, or other fixed installations on or adjacent to open water more than five feet deep, approved life rings with at least ninety feet of one-fourth inch line attached, shall be provided. The life rings shall be spaced at intervals not to exceed two hundred feet and shall be kept in easily visible and readily accessible locations.

(b) When employees are assigned work at other casual locations where exposure to drowning exists, at least one approved life ring with at least ninety feet of line attached, shall be provided in the immediate vicinity of the work assigned.

(c) When work is assigned over water where the vertical drop from the accidental fall would exceed fifty feet, special arrangements shall be made with and approved by the Department of Labor and Industries prior to such assignment.

(d) Lines attached to life rings on fixed locations shall be at least ninety feet in length, at least one-fourth inch in diameter, and have a minimum breaking strength of five hundred pounds. Similar lines attached to life rings on boats shall be at least fifty feet in length.

(e) Life rings must be United States Coast Guard approved thirty-inch size.

(f) Life rings and attached lines shall be maintained to retain at least seventy-five percent of their designed buoyancy and strength.

(g) Log broncs, boomscooters, and boomboats shall not be loaded with personnel or equipment so as to adversely affect their stability or seaworthiness.

(h) Boats shall not be operated at an excessive speed or handled recklessly.

(i) Boat fuel shall be transported and stored in approved containers (Underwriters' Laboratories, Inc.).

NEW SECTION

WAC 296-78-56507 LOG DECKS. (1) Dry deck storage. (a) Dry deck storage areas shall be kept orderly and shall be maintained in a condition which is conducive to safe operation of mobile equipment.

(b) Logs shall be stored in stabilized piles, and roadways and traffic lanes shall be maintained at a width adequate for safe travel of log handling equipment.

(c) Logs shall be arranged to minimize the chance of accidentally rolling from the deck.

(2)(a) Employees shall not spool cable on winch or drums with their hands.

(b) Log wells shall be provided with safeguard to prevent logs from rolling back into well off log deck.

(3) Jump skids on log decks shall be installed in grooves in a manner that they cannot work out onto the carriage way.

(4)(a) Log decks shall be provided with effective means to prevent logs from accidentally rolling down the deck onto the carriage or its runway.

(b) Swing saws. Swing saws on log decks shall be equipped with a barricade and stops for protection of employees who may be on the opposite side of the log haul chute.

(c) Drag saws. Where reciprocating log cutoff saws (drag saws) are provided, they shall not project into walkway or aisle.

(d) Circular cutoff saws. Circular log bucking or cutoff saws shall be so located and guarded as to allow safe entrance to and exit from the building.

(e) Entrance doorway. Where the cutoff saw partially blocks the entrance from the log haul runway the entrance shall be guarded.

(5) A barricade or other positive stop shall be erected between the sawyer's stand and the log deck to protect the sawyer from rolling logs. Such barricade or stop shall be of sufficient strength to stop any log.

(6) Chains from overhead canting gear or other equipment shall not be allowed to hang over the log deck in such manner as to endanger workers.

(7) Canting gear control levers shall be so arranged that they move away from the carriage to operate.

(8) Moving parts or equipment on or about log decks shall be guarded.

(9) Peavies, canthooks and other hand tools shall be kept in good repair at all times.

(10) Workers shall not go below logs on decks that are likely to roll or be rolled. Means of access shall be provided to the head rig which does not subject employees to the hazard of moving logs or equipment.

NEW SECTION

WAC 296-78-56509 MECHANICAL BARKERS.

(1) Rotary barkers. Rotary barking devices shall be so guarded as to protect employees from flying chips, bark, or other extraneous material.

(2) Elevating ramp. If an elevating ramp or gate is used, it shall be provided with a safety chain, hook, or other means of suspension while employees are underneath.

(3) Area around barkers. The hazardous area around ring barkers and their conveyors shall be fenced off or posted as a prohibited area for unauthorized persons.

(4) Enclosing hydraulic barkers. Hydraulic barkers shall be enclosed with strong baffles at the inlet and outlet. The operator shall be protected by adequate safety glass or equivalent.

(5) Holddown rolls. Holddown rolls shall be installed at the infeed and outfeed sections of mechanical ring barkers to control the movement of logs.

(6) If such holddown rolls have a tendency to throw logs or chunks, horseshoe or equivalent type guards shall be installed to contain the logs or chunks.

NEW SECTION

WAC 296-78-56511 HEADRIGS AND FEED WORKS. (1) A clear walkway shall be provided along the upper side of the log deck and around the head rig unless an overhead walkway is provided.

(2) The sawyer shall be primarily responsible for the safety of the carriage crew and off-bearers. He shall exercise due care in the operation of the carriage and log turning devices.

(3) Feedworks and log turning control levers shall be so arranged that they may be securely locked when not in use and shall be guarded against accidental contact.

(4)(a) A positive means shall be provided to prevent unintended movement of the carriage. This shall involve a control locking device, a carriage tie-down, or both.

(b) An emergency control or equally effective means shall be provided so that the sawyer may stop the head rig section of the mill without leaving the operator station.

(5) An effective method of disengaging the head rig saws from the power unit shall be installed on all head rigs where the power unit is not directly controlled by the sawyer. The saws shall be disengaged from the source of power while repairs or changes are made.

(6) A shield of lexan, makrolon, merlon, plestar, or equivalent transparent material, shall be installed between the sawyer's stand and the head saws in all circular mills. In band mills and chipper type installations, a wire screen of not less than twelve gauge wire, one-half inch mesh, mounted in a frame in compliance with the requirements of WAC 296-24-20531 of the General Safety and Health Standards, is an acceptable substitute for the type shield required in circular mills.

(7) Safety glasses, safety shields or other suitable eye protection shall be provided for and use by head rig off-bearers.

NEW SECTION

WAC 296-78-56513 LOG CARRIAGES. (1) Carriages upon which employees are required to work shall be solidly decked over.

(2) Dogs. Dogging devices shall be adequate to secure logs, cants, or boards, during sawing operations.

(3) The feed control lever of friction or belt driven carriage feed works shall be arranged to operate away from the saws or carriage track.

(4) A quick action valve, controlled from the sawyer's stand, shall be located in the steam line to any steam operated feed works. The valve shall be tested daily.

(5) Valves in steam feeds shall be closed and locked in a neutral position before the sawyer leaves his station. Leaking steam valves or piping shall not be used on carriage drives.

(6)(a) Where employees ride the headrig carriage, clearance of the rear edge of the carriage shall be either not more than two inches or shall be not less than thirty inches from the side wall of the building. The side wall shall be boarded over smoothly to height of not less than six feet six inches from the setter's platform and for at least the length of the carriage travel. Where the clearance is thirty inches or more the floor between the back side of the setter's platform and the wall shall be raised to the level of the platform. The clearance between the floor edge and the platform shall not be more than two inches.

(b) Barriers and warning signs. A barrier shall be provided to prevent employees from entering the space necessary for travel of the carriage, with headblocks fully retracted, for the full length and extreme ends of carriage runways. Warning signs shall be posted at possible entry points to this area.

(7) Safe access to the head rig shall be provided.

(8) No roof truss or roof timber or other obstruction shall be located within six feet six inches of the upper surface of the setter's platform on any carriage.

(9) Doors which lead onto a passageway at the end or side of the carriage runway shall be provided with a handrail opposite such doorway. Handrail shall not be less than eighteen inches from the carriage run. A warning sign shall be posted on the entrance side of such doorways.

(10) A stop or bumper capable of stopping the loaded carriage at operating speed shall be installed at each end of the carriage run.

(11) Rail sweeps shall be installed in front of the front wheels in the direction of travel. Such sweeps shall extend to within one-fourth inch of the rail.

(12) Where power operated log turners are used, carriage knees shall be provided with goosenecks or other means of protecting the carriage crew from climbing logs.

(13) Employees shall use a stick or wire brush to clear head blocks of debris.

(14) All weakened or broken carriage boards which will not support the load to be imposed with a safety factor of 4, shall be immediately replaced.

NEW SECTION

WAC 296-78-570 BAND SAWS—SAWS. (1) Band head rigs shall be given a thorough daily inspection and any deficiency reported and corrected.

(2) Any band saw found to have developed a crack greater than one-tenth the width of the saw shall be removed from service until the width of the saw is reduced to eliminate the crack, the cracked section is removed, or the development of the crack is arrested by welding.

(3) Band saws shall not be continued in use of the head rig for which they have been designed after they have been reduced forty percent in width.

(4) Leather gloves, or equivalent hand protection, shall be worn by employees while changing band saws.

(5) All head band saw wheels shall have a minimum rim thickness of five-eighths inch, except for a distance of not to exceed one inch from the front edge of the wheel.

(6) Provisions shall be made for alerting and warning employees before starting band head saws, and measures shall be taken to insure that all persons are in the clear.

(7) No band saw shall be run at a peripheral speed in excess of that recommended by the manufacturer. The manufacturer's recommended maximum speed shall be stamped in plainly legible figures on some portion of the assembly.

(8) A band wheel that has developed a crack in the rim shall be immediately removed from service. If a crack has developed in a spoke the wheel shall be removed from service until repaired.

(9) All band wheels shall be completely encased or guarded on both sides. The exposed part of the saw blade on the uptravel between the two wheels shall be encased, and no portion of the blade exposed, except such part of the cutting edge as is essential for sawing the material at hand.

(10) All band wheel guards shall be constructed of not less than ten U.S. gauge metal, or not less than two inch wood material or equivalent, attached to the frames. Ventilating ports shall not exceed 2 x 4 inches in size. Openings necessary for lubrication or repair of the saw shall have doors or gates of equivalent strength to the remainder of the guard.

(11) Every band mill shall be equipped with a saw catcher, rest or guard of substantial construction.

(12) All band saws other than head mills shall be enclosed or guarded except the working side of the blade between the guide and the table. The guard for the portion of the saw between the sliding guide and the upper saw wheel guard shall be adjusted with the guide.

(13) Each gang ripper of band or straight saw type shall have the cutting edges of the saw guarded by a hood or screen secured to the framework of the machine.

NEW SECTION

WAC 296-78-575 CIRCULAR SAWS. (1) Single circular head saws. Circular head saws shall not be operated at speeds in excess of those specified by the manufacturer. Maximum speed shall be etched on the saw.

(2) On all circular saw mills the horizontal distance from the side of the saw to the nearest post of the husk or frame shall be at least one inch greater than the clear vertical distance between the collars of the top and bottom saws.

(3) Circular head saws shall be equipped with safety guides that can be readily adjusted without use of wrench or other hand tools. Brackets or edging supports shall be installed between the saw and the side of the husk.

(4) The upper saw of a double circular mill shall be provided with a hood or guard. A screen or other suitable device shall be placed so as to protect the sawyer from flying particles.

(5) All circular sawmills where live rolls are not used behind the head saw shall be equipped with an effective spreader or splitter. In any mill where the head saw is used for edging lumber, the splitter shall be solid and stationary and shall extend above the head blocks.

(6) Drag saws or circular cut-off saws shall be so arranged that they will not project into any passageway.

When existing installations do not leave clear passage, saws shall be fenced off in order to make it impossible for anyone to walk into them. Means to securely hold material being sawed shall be provided wherever such material creates a hazard.

(7) All employees shall be in the clear before starting operation of drag or swing cut-off saws.

(8) Twin circular head saws. Twin circular head saw rigs such as scrag saws, shall meet the specifications for single circular head saws in subsection (1) of this section, where applicable.

NEW SECTION

WAC 296-78-580 EDGERS. (1) Edgers shall be guarded by a metal housing of ten gauge sheet metal, ten gauge by one-half inch mesh wire, screen, or by a baffle of not less than two inch wood material.

(2) Openings in end frames shall be enclosed with sheet metal, wire screen or wood and may be hinged or arranged to permit oiling and removal of saws.

(3) The top of the edger shall be guarded to prevent contact by employees or debris being thrown and all chains and gears fully enclosed as required by WAC 296-78-710 of this chapter.

(4) Vertical arbor edgers installed ahead of the main saw shall be so located and guarded that an employee cannot contact any part of the edger saws from his normal operating position.

(5) Edgers shall not be located in the main roll case behind the head saw.

(6) All edgers shall be equipped with pressure feed rolls. The controls shall be installed and located so that from the normal work station the operator can quickly stop the infeed drive without releasing the hold down tension of the pressure rolls.

(7) All edgers shall be provided with a method of preventing or guarding against kickbacks. Finger units or dogs installed at the edger, or hinged steel plates suspended across the feed table may be used for this purpose. A kickback barricade, in line with the edger, if fenced off may be used.

(8) Pressure and feed rolls on edgers shall be guarded against accidental contact by means of roll covers, bars or strips. The pressure rolls shall not be lifted while stock is being run, or while any person is in line with the feed side of the saws.

(9) Edger men shall not raise feed rolls and reach between saws while edger is in operation.

(10) Edger men shall not put hands on cants being run through the edger.

(11) Live rolls in back of edger shall operate at a speed not less than the speed of the edger feed rolls.

(12) Tables in back of edgers shall be kept clear of cants, edgings and unnecessary debris.

NEW SECTION

WAC 296-78-585 EQUALIZER SAWS. (1) Equalizer saws for bolts, staves, heading, etc., shall have the saws encased, except that portion immediately adjacent to the feeding device.

(2) Feeding devices on all such equipment shall be provided with guards to prevent contact with the feeding device by employees.

NEW SECTION

WAC 296-78-590 GANG SAWS AND RE-SAWS. (1) Gang saws and re-saws shall be fully guarded or housed in accordance with conditions. Cranks, pitman rods, and other moving parts shall be guarded.

(2) Feed rolls shall be enclosed by a cover over the top, front, and open ends except where guarded by location. Drive mechanism to feed rolls shall be enclosed.

(3) Feed rolls shall be enclosed and if the operator stands within thirty inches of the feed rolls, they shall be so guarded as to prevent operator coming into contact with them.

(4) Circular resaws or rip saws, except power feed rip saws with a roller or wheel back of the saw, shall be provided with splitters or spreaders.

(5) A hood of metal or wood of sufficient strength to give protection against splinters or flying teeth shall be provided over all circular rip saws.

(6) That portion of the saw extending below the table shall be so guarded as to prevent contact.

(7) Circular rip saws shall be equipped with a standard anti-kickback device.

(8) Carriage cradles of whole-log sash gang saws, Swedish gangs shall be of height to prevent logs from kicking out while being loaded.

(9) Band resaws. Band resaws shall meet the specifications for band head saws as required in subsection (7) of WAC 296-78-570.

(10) Circular gang resaws.

(a) Banks of circular gang resaws shall be guarded by a hood to contain teeth or debris which can be thrown by the saws.

(b) Circular gang resaws shall be provided with safety fingers or other anti-kickback devices.

(c) Circular gang resaws shall not be operated at speeds exceeding those recommended by the manufacturer.

(d) Feed belts and drive pulleys shall be guarded in accordance with the requirements of WAC 296-24-205 through 296-24-20533 of the General Safety and Health Standard.

(e) Each circular gang resaw, except self-feed saws with a live roll or wheel at back of saw, shall be provided with spreaders.

NEW SECTION

WAC 296-78-595 JUMP SAWS. (1) Jump saws shall have guards below the top of the table or roll case. A guard shall be placed over the roll casing to prevent persons from walking into or over the saw.

(2) Jump saws, underhung swing saws, or bed trimmers shall be so arranged that the saws are fully enclosed when not in actual use.

(3) A positive stop shall be installed to prevent the saw from passing the front edge of the roll case or table.

The throat in the table or roll case shall be only wide enough to permit unobstructed operation of the saw.

(4) Guards constructed of not less than two inch wood material or of heavy wire mesh mounted in a steel frame shall be placed in front of jump saw trimmers. Stops shall be installed to prevent timber from being thrown off the roll case.

(5) Foot treadle operated saws shall be provided with safeguards to prevent accidental contact.

NEW SECTION

WAC 296-78-600 TRIMMER AND SLASHER SAWS. (1) Trimmer of slasher saws shall be guarded in front by a flat or round steel framework with a rigid metal screen or light iron bars attached thereto, or by wood baffles of not less than two inch wood material securely bolted to the frame.

Maximum speed. Trimmer saws shall not be run at peripheral speeds in excess of those recommended by the manufacturer.

(2) Front guards for a series of saws shall be set as close to the top of the feed table as is practical when considering the type of machine in use and the material being cut. The end saws of a series shall be guarded or fenced off.

(3) The rear of a series of saws shall have a stationary or swinging guard of not less than two inch wood material or equivalent the full width of the saws and as much wider as is necessary to protect persons at the rear of the trimmer.

(4) Safety stops. Automatic trimmer saws shall be provided with safety stops or hangers to prevent saws from dropping on table.

(5) Feed chains shall be stopped while employees are on the feed table.

(6) Spotters for trimmers or slashers shall be provided with goggles or other eye protection when conditions so warrant.

NEW SECTION

WAC 296-78-605 SWING SAWS. (1) Overhead swing cut-off saws shall be guarded by a hood which shall cover the upper half of the cutting edge at least to the depth of the teeth.

(2) The driving belts on overhead swing cut-off saws, where exposed to contact, shall be provided with guards as required by WAC 296-78-030.

(3) Saws shall be completely enclosed when in idle position.

(4) Power operated swing saws shall have controls so arranged that the operators will not stand directly in front of saw when making cut.

(5) All swing saws shall be equipped with a counter balance which shall be permanently fastened to the frame of the saw and so arranged or adjusted that it will return the saw beyond the rear edge of the table or roll case without a rebounding motion. Wire rope, chain or nonmetallic rope running to a weight over a sheave shall not be used for attaching counter balance.

(6) No swing cut-off or trim saw shall be located directly in line with stock coming from an edger.

(7) Swing limit stops shall be provided and so adjusted that at no time shall the forward swing of the saw extend the cutting edge of the saw beyond a line perpendicular with the edge of the saw table, roll case, guard or barrier.

(8) Saws that are fed into the cut by means of air, steam, hydraulic cylinders, or other power device or arrangement shall be designed so they can be locked or rendered inoperative.

(9) Foot treadle operated saws shall be provided with safeguards to prevent accidental contact.

(10) Swing saws on log decks shall be equipped with a positive stop for the protection of persons who may be on the opposite side of the log haul chute.

(11) Operators of hand operated swing saws shall not stand directly in front of saw while making cut.

(12) Tables or roll casings for swing saws shall be provided with stops or lineup rail to prevent material being pushed off on opposite side.

NEW SECTION

WAC 296-78-610 CIRCULAR SAWS, SPEEDS, REPAIRS. (1) Circular saws shall not be operated at speeds in excess of that specified by the manufacturer. Speeds shall be etched on all new saws. When saws are repaired, remanufactured or retensioned in any way to change their operating speeds, such change of speed shall be etched on the saw. These etched speeds shall not be exceeded.

(2) Circular saws shall be inspected for cracks each time that the teeth are filed or set.

(3) A circular saw shall be discontinued from use until properly repaired when found to have developed a crack equal to the length indicated in the following table:

<u>Length of Crack</u>	<u>Diameter</u>
1/2 - inch	Up to 12"
1 - inch	Over 12" to 24"
1-1/2 - inch	Over 24" to 36"
2 - inch	Over 36" to 48"
2-1/2 - inch	Over 48" to 60"
3 - inch	Over 60"

(4) Welding or slotting of cracked saws shall be done by a sawsmith under a procedure recommended by the saw manufacturer. Holes shall not be drilled in saws as a means of arresting cracks. After saws are repaired they shall be retensioned. Unless a sawsmith is employed, saws shall be returned to the manufacturer for welding or tensioning.

NEW SECTION

WAC 296-78-615 SAW FILING AND GRINDING ROOMS AND EQUIPMENT. (1) Approaches to filing rooms shall be kept free from material and equipment at all times.

(2) Enclosed grinding and filing rooms shall be ventilated as specified in the General Occupational Health Standard, WAC 296-62-110 through 296-62-11019.

(3) Each filing and grinding room shall be provided with two exits so arranged as to permit easy escape in case of fire.

(4) Floor shall be cleaned regularly and shall be kept free from oil, grease and other materials that might cause employees to slip or fall.

(5) Flooring around machines shall be kept in good repair at all times.

(6) Saw grinding machine belts shall be provided with guards where these belts pass through the frame of the machine.

(7) All grinding wheels on such machines shall be provided with a metal retaining hood which shall also cover the arbor ends if they are exposed to contact.

(8) Filing room employees shall be provided with goggles, face shields, or other necessary protective equipment and are required to wear the same.

(9) Guarding and mounting of abrasive wheels shall be in accordance with WAC 296-24-18003 through 296-24-18007 of the General Safety and Health Standards.

NEW SECTION

WAC 296-78-620 MISCELLANEOUS WOODWORKING MACHINES—PLANERS, STICKERS, MOLDERS, MATCHERS. (1) Each planing, molding, sticking and matching machine shall have all cutting heads, and saws if used, covered by a solid metal guard.

(2) Planers, stickers, molding, sticking and matching machines shall be provided with exhaust fans, hoods and dust conveyors to remove the harmful dusts, etc., from the vicinity of the operator. Such hoods may be arranged to serve as guards for cutting heads.

(3) Planers and other machinery or equipment shall not be oiled while in motion, unless provided with guards or other devices to permit oiling without any possibility of contact with moving parts of machinery.

(4) Feed rolls shall be guarded by means of roll covers, bars or strips, attached to the roll frame in such manner as to remain in adjustment for any thickness of lumber.

(5)(a) Levers or controls shall be so arranged or guarded as to prevent accidental operation of machines.

(b) Foot treadle operated machines shall have a treadle guard fastened over the treadle.

(c) Locks, blocks, or other device shall be provided for positive immobilization of machine controls while repairs or adjustments are being made.

(6) Side head hoods shall be of sufficient height to safeguard the head set screw.

(7) Side heads shall not be adjusted while machine is in operation, except when extension adjusting devices are provided.

(8) Side belt and pulley guards shall be kept in place at all times the machine is in motion.

(9) All universal joints shall be enclosed.

NEW SECTION

WAC 296-78-625 PLANERS (STAVE AND HEADINGS). (1) Each planer (stave and heading) shall have all cutting heads, and saws if used, covered by a solid metal guard.

(2) Stave and heading planers shall be provided with exhaust fans, hoods and dust conveyors to remove the

harmful dusts, etc., from the vicinity of the operator. Such hoods may be arranged to serve as guards for cutting heads.

(3) Sectional feed rolls should be provided. Where solid feed rolls are used, a sectional finger device (or other means equally effective) shall be provided to prevent kickbacks.

NEW SECTION

WAC 296-78-630 STAVE CROZIERS. (1) Stave croziers shall have the heads guarded completely by the exhaust hood or other device, except that portion which actually inbeds itself in the stock.

(2) Each stave crozier shall have all feed chains and sprockets completely enclosed.

NEW SECTION

WAC 296-78-635 JOINTERS. (1) Each hand feed jointer or buzz planer with horizontal head shall be provided with an automatic guard over the cutting head both in front of and in back of the guide.

(2) Each jointer or buzz planer with horizontal head shall be equipped with a cylindrical cutting head, the throat of which shall not exceed three-eighths inch in depth or one-half inch in width.

(3) Each jointer or buzz planer with vertical head shall be guarded by an exhaust hood or other approved device which shall completely enclose the revolving head except for a slot sufficiently wide to permit the application of material.

(4) Push sticks shall be provided and used for feeding stock through hand operated jointers or buzz planers.

NEW SECTION

WAC 296-78-640 JOINTERS (STAVE AND HEADING). (1) Stave and heading jointers and matchers shall have the heads guarded completely by the exhaust hood or other device, except that portion where the stock is applied.

(2) Foot power stave jointing machines shall have the knife effectively guarded to prevent the operator's fingers from coming in contact with it.

NEW SECTION

WAC 296-78-645 WOOD SHAPERS. (1) The cutting head of each wood shaper, hand feed panel raiser, or other similar machine not automatically fed, shall be guarded with a cage or pulley guard or other device so designed as to keep the operator's hands away from the cutting edge. In no case shall a warning device of leather or other material attached to the spindle be acceptable. Cylindrical heads shall be used wherever the nature of the work permits. The diameter of circular shaper guards shall be not less than the greatest diameter of the cutter.

(2) All double spindle shapers shall be provided with a spindle starting and stopping device for each spindle or provision shall be made that only one spindle operate at any one time.

NEW SECTION

WAC 296-78-650 BORING AND MORTISING MACHINES. Boring and mortising machines shall be provided with safety bit chucks without projecting set screws. Automatic machines shall be provided with point of operation guards. When necessary to prevent material from revolving with the bit, clamps or stops shall be provided and used to hold material firmly against the guides.

NEW SECTION

WAC 296-78-655 TENONING MACHINES. (1) Each tenoning machine shall have all cutting heads, saws if used, and all exposed moving parts guarded. In the case of cutting heads and saws, the guard shall be of solid metal.

(2) If sheet metal is used, it shall be not less than ten U.S. gauge in thickness. If cast metal is used it shall be not less than three-sixteenths inch thick, or if aluminum is used, it shall be not less than five-eighths inch thick. The hood of the exhaust system may form part or all of the guard. When so used, the hood shall be constructed of metal of a thickness not less than that specified herein.

(3) Feed chains and sprockets of all double end tenoning machines shall be completely enclosed, except that portion of chain used for conveying stock. At rear ends of frames over which the feed conveyors run, sprockets and chains shall be guarded at the sides by plates projecting beyond the periphery of sprockets and ends of lugs.

(4) The rear end of the frame over which the feed conveyors run shall be so extended that the material as it leaves the machine will be guided to a point within easy reach of the person removing stock at the rear of the tenoner.

(5) Single end tenoners, hand fed, shall have a piece of sheet metal placed so that the operator's hands cannot slip off the lever handle into the tool in passing. Such guard shall be fastened to the lever.

NEW SECTION

WAC 296-78-660 LATHE (PAIL AND BARREL). (1) Each profile, swing-head and back-knife lathe shall have all cutting heads covered by a solid metal guard.

(2) If sheet metal is used, it shall be not less than ten U.S. gauge in thickness. If cast metal is used, it shall be not less than three-sixteenths inch thick, or if aluminum is used, it shall be not less than five-eighths inch thick. The hood of the exhaust system may form part or all of the guard. When so used, the hood shall be constructed of metal of a thickness not less than that specified above.

(3) Pail and barrel lathes shall be guarded in accordance with the specifications for Profile and Back-knife lathes insofar as they are applicable.

NEW SECTION

WAC 296-78-665 SANDING MACHINES. (1) Each belt sanding machine shall have both pulleys enclosed in such a manner as to guard the points where the belt runs onto the pulleys. The edges of the unused run of belt shall be enclosed or otherwise guarded from contact by employees.

(2) Each drum sanding machine shall be provided with a guard so arranged as to completely enclose the revolving drum except such portion required for the application of the material to be finished. Guards with hinges to facilitate the insertion of sandpaper may be installed. The exhaust hood may form part or all of this guard. When so used, the hood shall conform to the specifications as given under exhaust systems in WAC 296-78-710.

(3) All standard stationary sanding machines shall be provided with exhaust systems in conformity with the section of this code dealing with exhaust systems.

(4) All portable sanding machines shall be provided with means of removing excessive dust, or employees using equipment shall be provided with such necessary respiratory protective equipment as will conform to the requirements of the General Occupational Health Standards, chapter 296-62 WAC.

NEW SECTION

WAC 296-78-670 GLUE MACHINES. (1) Personal protective equipment as required by the General Safety and Health Standard, WAC 296-24-075 through 296-24-092, and the General Occupational Health Standard, WAC 296-62-11021, and proper washing facilities with noncaustic soap and sterilizers, shall be provided for all employees handling glue. Rubber gloves and other personal equipment must be sterilized when transferred from one person to another.

(2) Glue spreaders shall be enclosed on the in-running side, leaving only sufficient space to insert the stock.

(3) All glue spreaders shall be equipped with a panic bar or equivalent type device that can be reached from either the infeed or outfeed side of the spreader to shut-off the power in an emergency situation. Such device shall be installed on existing glue spreaders no later than April 1, 1982, and be standard equipment on any glue spreader purchased after January 1, 1982.

(4) All glue mixing and handling rooms where located above work areas shall have water tight floors.

(5) All glue rooms shall be provided with ventilation in accordance with WAC 296-62-110 through 296-62-11013, of the General Occupational Health Standard.

NEW SECTION

WAC 296-78-675 LATH MILLS. (1) Lath mills shall be so arranged that stock pickers shall be protected from slabs and blocks from slasher and trimmers.

(2) Bolters and lath machines shall be provided with a wall or shield of not less than two inch wood material or equivalent, constructed in front of the machines, to protect stock pickers and passing employees from kickbacks.

(3) Lath bolters and lath mills shall have all feed rolls, belts, gears and moving parts provided with approved guards. Feed chains shall be guarded to as low a point as the maximum height of the stock will permit.

(4)(a) Lath bolters and lath mill saws shall be provided with a sheet metal guard not less than one-eighth inch thick, or a cast iron guard not less than three-sixteenths inch thick, or equivalent. These hoods may be hinged so that they can be turned back to permit changing of the saws.

(b) A metal plate baffle, finger device or other device, shall be installed to prevent kickbacks.

(5)(a) The feed rolls on bolters or lath mills shall not be raised while any employee is in line with the saws.

(b) The stock shall be pushed through the saws with another piece of stock or push stick.

(6)(a) The lath trimmer shall be provided with guards on the ends, the top and the rear so designed as to contain debris and prevent employee contact with the saw. The belt drive shall be provided with guards as required by WAC 296-78-710.

(b) The entire top half of all trimmer saws shall be provided with guards. The guards shall be so adjusted as to prevent employees from accidentally contacting saws.

NEW SECTION

WAC 296-78-680 VENEER AND PLYWOOD PLANTS—PEELING AND BARKING. (1) Where peeling or barking pits are located directly under the log cranes, logs shall not be moved over workers.

(2) Single spiked hooks without a bell shall not be used for handling logs. Hooks shall be equipped with hand holds and shall be maintained in condition to safely perform the job application.

(3) Mechanical barking devices shall be so guarded as to protect employees from flying chips, bark or other matter.

(4) Logs shall not be removed from barker until barking head has ceased to revolve, unless barker is so designed and arranged that barking head will not create or constitute a hazard to employees.

NEW SECTION

WAC 296-78-685 VENEER LATHE. (1) The elevating ramp (gate) shall be provided with a safety chain and hook or other positive means of suspension while employees are working underneath same.

(2) The area under the tipple from lathe to stock trays shall be provided with railings or other suitable means of preventing employees from entering this area, if access is not prevented by the construction of the machine and employees can enter this area.

(3) Catwalks shall be provided along stock trays so that employees will not have to climb on the sides of trays to straighten stock.

(4) Any section of stock trays shall be locked out or shall have an operator stationed at starting controls while stock is being removed or adjusted.

(5) Guards which will cover the cutting edge of veneer lathe and clipper blades shall be provided and used while such blades are being transported about premises.

NEW SECTION

WAC 296-78-690 VENEER SLICER AND CUTTER. Each veneer slicer and each rotary veneer cutter shall have all revolving and other moving knives provided with guards.

NEW SECTION

WAC 296-78-695 VENEER CLIPPER. (1) Each veneer clipper shall have either automatic feed or shall be provided with a guard which will make it impossible to place any portion of the hand under the knife while feeding stock. Where practicable, such guard shall be of the vertical finger type.

(2) The rear of each manually operated clipper shall be guarded either by a screen or vertical finger guard which shall make it impossible for any portion of the hand to be placed under the knife while removing clipped stock.

NEW SECTION

WAC 296-78-700 VENEER WRINGER (SWEDE). The entry side of each veneer wringer other than glue spreader shall be enclosed, leaving only sufficient space to insert stock. A guard shall be provided to prevent the veneer from overriding the top roll and kicking back.

NEW SECTION

WAC 296-78-705 THE SHAKE AND SHINGLE INDUSTRY. The following terms and standards shall apply only in the manufacturing of shakes and shingles and these requirements shall take precedence over other sawmill and woodworking standards.

NEW SECTION

WAC 296-78-70501 DEFINITIONS—TERMS, GENERAL. (1) "Block(s)" – those sections of a log cut in various lengths.

(2) "Block(s)" and "bolt(s)" may be considered to be synonymous.

(3) "Clipper saw" – a circular saw used to trim manufactured shingles.

(4) "Groover" – a cylinder-type knife (knives) similar to a planer knife (knives), used to cut grooves into the face surface of shakes or shingles.

(5) "Hip" and "ridge saw" – a circular saw used to cut various angles on the side edge of shakes or shingles.

(6) "Johnson bar" – a shaft used to control the feed of the carriage.

(7) "Knee bolter circular saw" – a stationary circular saw used to trim and debark blocks (the blocks are manually maneuvered onto a carriage and fed into a saw).

(8) "Log haul" – a power conveyor used to move logs to mill.

(9) "Packers" – employees who pack the manufactured shakes or shingles into bundles.

(10) "Panagraph power splitter" – a hydraulically operated wedge, manually positioned into place, used to split blocks.

(11) "Power saw splitter" – a stationary circular saw used to split (saw) blocks, (the blocks are manually maneuvered onto a carriage and fed into the saw).

(12) "Set works" – a component of the shingle machine, located on the machine frame, used to control the thickness of each shingle being manufactured.

(13) "Shake machine" – a band saw used to cut shake blanks into manufactured shakes.

(14) "Shake splitter" – a stationary hydraulically operated wedge, manually controlled, used to split shake blocks into shake blanks or boards.

(15) "Shim saw" – a circular saw used to re-cut manufactured shingles into narrow widths.

(16) "Shingle machine" – a machine used to manufacture shingles; composed of a feed, set works, and carriage system, all functioning in relation to a circular saw.

(17) "Shingle saw" – a circular saw used to cut shingles from blocks.

(18) "Spault" – the first and last section(s) of a block as it is cut into shingles.

(19) "Spault catcher" – a device located on the shingle machine next to the solid feed rolls, used to hold the last section of each block being cut (called a spault), in place.

(20) "Track or swing cutoff saw" – a circular saw used to cut blocks from a log.

NEW SECTION

WAC 296-78-70503 SHAKE AND SHINGLE MACHINERY—GENERAL. (1) Track or swing cutoff circular saw.

(a) A power operated track or swing cutoff circular saw shall have controls so arranged that operators are not positioned directly in front of the saw while making a cut.

(b) All track or swing cutoff circular saws shall be completely encased or guarded when the saw is in the retract position, except for that portion of the guard that must be left open for the operation of the saw.

(c) Track or swing cutoff circular saw guards shall be constructed of sheet metal not less than one-eighth inch thick, or a wood guard of not less than nominal two inch thick wood material, or equivalent.

Hinged or removable doors or gates will be permitted where necessary to permit adjusting and oiling.

(d) The driving belt(s) on the track or swing cutoff circular saw shall be guarded in accordance with the General Safety and Health Standard, WAC 296-24-205 through 296-24-20533.

(e) A safety catch shall be provided to prevent the track cutoff saw from leaving the track.

(2) Overhead deck splitter – panagraph.

(a) Panagraph splitters shall have a shroud incorporated on the upper pressure plate to eliminate the possibility of the splitter moving from the operating area. This shroud shall be constructed of solid design with a minimum width of three inches and a minimum thickness of three-eighths inch.

(b) Mechanically operated overhead splitters shall have handles moving opposite the stroke of the piston.

(c) When the leading edge of the panagraph splitter is completely extended, the maximum clearance from the deck to the splitting edge shall be two inches.

(3) Power splitter saw. Power splitters shall have spreaders behind the saw to prevent materials from squeezing the saw or being thrown back on the operator. The top of the saw shall be completely covered.

(4) Knee bolter circular saw.

(a) A safety catch shall be provided to prevent the bolter carriage from leaving the track.

(b) Bolter saws shall be provided with a canopy guard of sheet metal not less than one-eighth inch thick, or cast iron guard not less than three-sixteenths inch thick or a wood guard of not less than nominal four inch thick wood material or equivalent.

The bolter canopy guard shall completely enclose the rear portion of the saw. It shall be so arranged and adjusted as to cover the front of the saw; not to exceed twenty inches from the top of the carriage to the bottom of the guard on sixteen inch and eighteen inch block and twenty-six inches on twenty-four inch blocks, of the material being cut.

(c) Bolter saws shall be provided with wipers of belting or other suitable material. These wipers shall be installed on both sides of the saw in such a manner as to deflect knots, chips, slivers, etc., that are carried by the saw.

(d) A positive device shall be provided and used to manually lock and hold the feed table in the neutral position when not in use.

(e) That portion of all bolter saws which is below and behind the saw table shall be guarded by the exhaust hood or other device. Hinged or removable doors or gates will be permitted where necessary to permit adjusting and oiling.

NEW SECTION

WAC 296-78-70505 SHAKE MACHINERY. (1) Shake splitters.

(a) A positive de-energizing device shall be provided within ready reach of each shake splitter operator.

(b) Each shake splitter shall be provided with an adjustable stroke limiter to eliminate the splitting blade from striking the table.

(c) All splitters shall have a maximum clearance of four inches, from the splitting edge to the table surface, when the splitter is in the extended position.

(d) All splitter tables shall have a friction surface to reduce kick out of the material being split.

(e) Shake splitters shall not be operated at a speed that would cause chunks to be thrown in such a manner as to create a hazard.

(f) The use of foot pedal (treadle) mechanisms shall be provided with protection to prevent unintended operation from falling or moving objects or by accidental stepping onto the pedal.

(i) The pedal shall have a nonslip surface.

(ii) The pedal return spring shall be of the compression type, operating on a rod or guided within a hole or tube, or designed to prevent interleaving of spring coils in event of breakage.

(iii) If pedal counterweights are provided, the path of the travel of the weight shall be enclosed.

(2) Shake saw guards.

(a) Every shake band saw shall be equipped with a saw guard on both sides of the blade down to the top side of the guide.

(b) The outside saw guard shall extend a minimum of three and one-half inches below the bottom edge of the saw guide.

(c) The maximum opening between the saw guide and table rolls shall be fifteen inches.

(3) Shake saw band wheel guards.

(a) The band wheels on all shake band saws shall be completely encased or guarded on both sides. The guards shall be constructed of not less than No. 14 U.S. gauge metal or material equal in strength.

(b) The metal doors, on such guards, shall have a wood liner of a minimum thickness of one-half inch.

(4) Shake saw band wheel speeds and maintenance.

(a) No band wheel shall be run at a peripheral speed in excess of that recommended by the manufacturer.

(b) Each band wheel shall be carefully inspected at least once a month by management.

Any band wheel in which a crack is found in the rim or in a spoke shall be immediately discontinued from service until properly repaired.

(c) Each band saw frame shall be provided with a tension indicator.

NEW SECTION

WAC 296-78-70507 UPRIGHT SHINGLE MACHINE. (1) Upright shingle saw guard.

(a) Every shingle machine carriage shall be equipped with a hand guard which:

(i) Projects at least one inch beyond the cutting edge of the saw.

(ii) Shall be located not more than one-half inch from the side of the saw blade.

(b) Shingle saw guards shall have a rim guard so designed and installed as to prevent chips and knots from flying from the saws. Such guards shall cover the edge of the saw to at least the depth of the teeth, except such part of the cutting edge as is essential for sawing the material.

(c) Saw arbors and couplings shall be guarded to prevent contact.

(d) Every part of a clipper saw blade, except that part which is exposed to trim shingles, shall be enclosed by a guard, so designed and installed to prevent contact with the clipper saw. An additional guard shall be installed not more than four inches above the clipper board and not more than one-half inch from the vertical plane of the saw.

(e) The underside of clipper saw boards shall be equipped with a finger guard to effectively protect the operator's fingers. The guard shall be a minimum of five inches long and one and one-quarter inches deep.

(2) Upright carriage guards.

(a) Automatic revolving cam set works and rocker arms, on machine frame, shall be guarded where exposed to contact.

(b) The spault catchers shall be not less than three-sixteenths inch thick and kept sharp at all times. Missing teeth shall be replaced.

(3) Carriage feed works.

(a) The pinion gear, bull wheel and Johnson bar, operating the saw carriage, shall be guarded where exposed to contact.

(b) Each shingle machine clutch treadle shall be arranged so that it is necessary to manually operate the treadle to start the machine. Devices which start the machine when the jaw treadle is released shall not be installed or used. The carriage shall have a brake to hold it in a neutral position.

(c) Carriage speed shall not exceed thirty-four strokes per minute.

NEW SECTION

WAC 296-78-70509 RELATED SHAKE AND SHINGLE SAWING MACHINERY. (1) Flat or taper saw. A wood or metal guard or its equivalent shall be secured to the sliding table at the side nearest the sawyer to protect him from contact with the cutting edge of the saw when a block is not in the cut.

(2) Hip and ridge saws. The hip and ridge saws shall be guarded with a hood-like device. This guard shall cover that portion of the saw not needed to cut the material, located above the cutting table.

(a) The remaining portion of the saw, located below the table, shall be guarded to prevent contact by employees.

(b) The hip and ridge guarding standard is applicable to both shake and shingle hip and ridge saws.

(3) Shim stock saws. The top ends and sides of the shim stock saws shall be guarded. All shim stock saw power transmission mechanism shall be guarded.

(4) Shake or shingle groover. The top ends and sides of the groover, to include the press rolls, shall be guarded to contain material or debris which can be thrown and to prevent contact. All groover machine power transmission mechanism shall be guarded in compliance with WAC 296-78-710.

(5) Circular saws, speeds and repairs.

(a) Maximum allowable speeds.

(i) No circular saw shall be run at a speed in excess of that recommended by the manufacturer.

(ii) Such speed shall be etched or otherwise permanently marked on the blade, and that speed shall not be exceeded.

(b) Repairs and reconditions.

(i) Shingle saws when reduced in size to less than forty inches in diameter shall be discontinued from service as shingle saws on upright or vertical machines.

(ii) Shingle saws may be reconditioned for use as clipper saws provided the surface is reground and the proper balance attained.

(iii) Shingle saws may be used to no less than thirty-six inches on flat or taper saw machines.

NEW SECTION

WAC 296-78-70511 SAFETY RULES. (1) General.

(a) Workers shall not leave shingle machines unattended while the carriage is in motion.

(b) Shingle blocks shall not be piled more than one tier high on tables or roll cases. Chunks may be placed horizontally one tier high on top of shingle blocks. Shingle blocks shall be piled in a stable manner, not more than seventy-two inches high, within the immediate working area of the shingle sawyer or the area shall be barricaded.

(c) Provisions shall be made to prevent blocks from falling into the packing area.

(d) On each machine operated by electric motors, positive means shall be provided for rendering such controls or devices inoperative while repairs or adjustments are being made to the machines they control.

(e) Workers shall not stand on top of blocks while in the process of splitting other blocks into bolts.

(2) Jointers (shingle). Shingle jointers shall have the front, or cutting face of the knives, housed except for a narrow slot through which the shingles may be fed against the knives.

NEW SECTION

WAC 296-78-710 CONSTRUCTION AND ISOLATED EQUIPMENT.

NEW SECTION

WAC 296-78-71001 GENERAL. (1) Construction when not specifically covered in these standards shall be governed by such other standards adopted by the Department of Labor and Industries as may apply.

(2) All buildings, docks, tramways, walkways, log dumps and other structures shall be so designed, constructed, and maintained as to provide a safety factor of four. This means that all members shall be capable of supporting four times the maximum load to be imposed. This provision refers to buildings, docks and so forth designed and constructed subsequent to the effective date of these standards and also refers in all cases where either complete or major changes or repairs are made to such buildings, docks, tramways, walkways, log dumps and other structures.

(3) Basements on ground floors under mills shall be evenly surfaced, free from unnecessary obstructions and debris, and provided with lighting facilities in compliance with the requirements of the General Occupational Health Standards, WAC 296-62-09003.

(4) All engines, motors, transmission machinery or operating equipment installed in mill basements or ground floors shall be equipped with standard safeguards for the protection of workers.

(5) Hazard marking. Physical hazard marking shall be as specified in WAC 296-24-135 through 296-24-13503 of the General Safety and Health Standards.

(6) Flooring of buildings, ramps and walkways not subject to supporting motive equipment shall be of not less than two-inch wood planking or material of equivalent structural strength.

(7) Flooring of buildings, ramps, docks, trestles and other structure required to support motive equipment shall be of not less than full two and one-half inch wood

planing or material of equivalent structural strength. However, where flooring is covered by steel floor plates, two inch wood planking or material or equivalent structural strength may be used.

(8) Walkways, docks, and platforms.

(a) Walkways, docks and platforms shall be constructed and maintained in accordance with the requirements of the General Safety and Health Standards, WAC 296-24-735 through 296-24-75011.

(b) Maintenance. Walkways shall be evenly floored and kept in good repair.

(c) Where elevated platforms are used they shall be equipped with stairways or ladders in accordance with the General Safety and Health Standards, WAC 296-24-765 through 296-24-81013.

NEW SECTION

WAC 296-78-71003 FLOOR OPENINGS. (1) All floor openings either temporary or permanent, shall be protected as required by the General Safety and Health Standards, WAC 296-24-750 through 296-24-75011.

(2) The area under floor openings shall, where practical, be fenced off. When this is not practical, the areas shall be plainly marked with yellow lines and telldails shall be installed to hang within five and one-half feet of the ground or floor level.

(3) Where floor openings are used to drop materials from one level to another, audible warning systems shall be installed and used to indicate to employees on the lower level that material is to be dropped.

NEW SECTION

WAC 296-78-71005 FLOORS, DOCKS, PLATFORMS AND RUNWAYS. (1) Faces of docks except on loading and unloading sides of rail and truck loading platforms, and runways used for the operation of lift trucks and other vehicles shall have a guard or shear timber eight by eight inches set over three inch blocks and securely fastened to the floor by bolts of not less than five-eighths inch diameter.

(2) The flooring of buildings, docks and passageways shall be kept in good repair at all times. When a hazardous condition develops that cannot be immediately repaired, the area shall be fenced off and not used until adequate repairs are made.

(3) All working areas shall be kept free from unnecessary obstruction and debris.

(4) Floors around machines and other places where workers are required to stand shall be provided with effective means to prevent slipping.

NEW SECTION

WAC 296-78-71007 FOOTWALKS AND PASSAGEWAYS. (1) All footwalks and passageways subject to slipping hazards due to peculiarities of conditions or processes of the operation shall be provided with non-slip surfaces.

(2) Walkways in accordance with WAC 296-78-71001(8) shall be provided over roll casings, transfer

tables, conveyors or other moving parts except where stepping over such equipment is not in connection with usual and necessary traffic.

(3) Walkways alongside of sorting tables shall be of sufficient width to provide safe working area. Such walkways shall be evenly floored and kept in good repair at all times. They shall be kept free from obstructions and debris.

(4) When employees are required to clear plug-ups in veneer trays or lumber sorting trays, adequate walkways with standard guardrails shall be provided for access to the trays whenever possible. When walkways are not provided, safety belts or harnesses with lanyards, tied off to substantial anchorages, shall be provided and used at all times.

(5) Walkways and stairways with standard hand rails shall be provided wherever space will permit, for oilers and other employees whose duties require them to go consistently to elevated and hazardous locations.

(a) Where such passageways are over walkways or work areas, standard toeboards shall be provided.

(b) Protection as required by the General Safety and Health Standard, WAC 296-24-205 through 296-24-20533 shall be provided against contact with transmission machinery or moving conveyors.

NEW SECTION

WAC 296-78-71009 STAIRWAYS AND LADDERS. (1) Stairways shall be used in preference over ladders wherever possible. Stairways or ladders, whichever is used, shall be constructed and maintained in accordance with the provisions of the General Safety and Health Standard, WAC 296-24-75009 through 296-24-81013.

(2) Doors shall not open directly on a flight of stairs.

(3) Permanent ladders shall be fastened securely at both top and bottom.

(4) Portable ladders shall not be used upon footing other than suitable type.

(5) Hooks or other means of securing portable ladders when in use, shall be provided.

(6) Portable ladders shall not be used for oiling machinery which is in motion.

NEW SECTION

WAC 296-78-71011 EGRESS AND EXIT. (1) In all enclosed buildings, means of egress shall be provided in accordance with the provisions of the General Safety and Health Standard, WAC 296-24-550 through 296-24-56531.

(2) All swinging doors shall be provided with windows, the bottom of which shall be not more than forty-eight inches above the floor. One window shall be provided for each section of double swinging doors. All such windows shall be of shatter proof or safety glass unless otherwise protected against breakage.

(3) Outside exits shall open outward. Where sliding doors are used as exits, an inner door not less than two feet six inches by six feet shall be cut inside each of the main doors and arranged to open outward.

(4) At least two fire escapes or substantial outside stairways, shall be provided for mill buildings where the floor level is more than eight feet above the ground.

(a) Buildings over one hundred fifty feet in length shall have at least one additional fire escape or substantial outside stairway for each additional one hundred fifty feet of length or fraction thereof.

(b) Passageways to fire escapes or outside stairways shall be marked and kept free of obstructions at all times.

(c) Fire protection. The requirements of WAC 296-24-585 through 296-24-62003 of the General Safety and Health Standard, shall be complied with in providing the necessary fire protection for sawmills.

(d) Fire drills shall be held at least quarterly and shall be documented.

(5) Where a doorway opens upon a roadway, railroad track, or upon a tramway or dock over which vehicles travel, a barricade or other safeguard and a warning sign shall be placed to prevent workers from stepping directly into moving traffic.

(6) Tramways and trestles shall be substantially supported by piling or framed bent construction which shall be frequently inspected and maintained in good repair at all times. Tramways or trestles used both for vehicular and pedestrian traffic shall have a walkway with standard hand rail at the outer edge and shear timber on the inner edge, and shall provide three feet clearance to vehicles. When walkways cross over other thoroughfares, they shall be solidly fenced at the outer edge to a height of 42 inches over such thoroughfares.

(7) Where tramways and trestles are built over railroads they shall have a vertical clearance of twenty-two feet above the top of the rails. When constructed over carrier docks or roads, they shall have a vertical clearance of not less than six feet above the drivers foot rest on the carrier, and in no event shall this clearance be less than twelve feet from the surface of the lower roadway or dock.

(8) Walkways (either temporary or permanent) shall be not less than twenty-four inches wide and two inches thick, nominal size, securely fastened at each end. When such walkways are used on an incline the angle shall not be greater than twenty degrees from horizontal.

(9) Walkways from the shore or dock to floats or barges shall be securely fastened at the shore end only and clear space provided for the other end to adjust itself to the height of the water.

(10) Cleats of one by four inch material shall be fastened securely across walkways at uniform intervals of eighteen inches whenever the grade is sufficient to create a slipping hazard.

NEW SECTION

WAC 296-78-71013 CABLEWAYS. (1)(a) Inclined cableways shall have a central line between the rails in practical alignment with the center of the hoisting drums. A substantial bumper shall be installed at the foot of each incline.

(b) Barricades or warning signs shall be installed to warn pedestrians to stand clear of the cables on inclined

cableways. The cables shall not be put into motion without activating an alarm system, either audible or visible, which will inform anyone on the tracks to stand clear.

(2) Employees shall not ride on or stand below the cars on an inclined cableway.

NEW SECTION

WAC 296-78-71015 TANKS AND CHEMICALS. (1) All open vats and tanks into which workers may fall shall be guarded with standard railings or screen guards in all cases where such guarding is possible with regard to practical operation.

(2) Foundations of elevated tanks shall be accessible for inspections. When the tank platform is more than five feet above the ground a stairway or ladder shall be permanently attached.

(3) Every open tank over five feet in height shall be equipped with fixed standard ladders both inside and out, extending from the bottom to the rim of the tank arranged to be accessible to each other, so far as local conditions permit.

(4) The use of chemicals for treating of lumber for prevention of sap stain or mold or as preservatives, shall conform to the requirements of WAC 296-62-11021, Open Surface Tanks.

(a) Storage, handling, and use of chemicals. Threshold limits. Employees shall not be exposed to airborne concentration of toxic dusts, vapors, mists or gases that exceed the threshold limit values set forth in WAC 296-62-070 through 296-62-080 of the General Occupational Health Standards.

(b) Protective equipment. The use of chemicals shall be controlled so as to protect employees from harmful exposure to toxic materials. Where necessary, employees shall be provided with and required to wear such protective equipment as will afford adequate protection against harmful exposure as required by WAC 296-24-075 through 296-24-092 of the General Safety and Health Standards.

(5)(a) Means shall be provided and used to collect any excess of chemicals used in treating lumber so as to protect workers from accidental contact with harmful concentrations of toxic chemicals or fumes.

(b) Dip tanks containing flammable or combustible liquids shall be constructed, maintained and used in accordance with WAC 296-24-405 of the General Safety and Health Standards.

(c) An evacuation plan shall be developed and implemented for all employees working in the vicinity of dip tanks using flammable and/or combustible liquids. A copy of the plan shall be available at the establishment for inspection at all times. Every employee shall be made aware of the evacuation plan and know what to do in the event of an emergency and be evacuated in accordance with the plan. The plan shall be reviewed with employees at least quarterly and documented.

(d) When automatic foam, automatic carbon dioxide or automatic dry chemical extinguishing systems are used, an alarm device shall be activated to alert employees in the dip tank area before and during the activation

of the system. The following combinations of extinguishment systems when used in conjunction with the evacuation plan as stated above will be acceptable in lieu of bottom drains:

(i) A dip tank cover with an automatic foam extinguishing system under the cover, or an automatic carbon dioxide system, or an automatic dry chemical extinguishing system, or an automatic water spray extinguishing system;

(ii) An automatic dry chemical extinguishing system with an automatic carbon dioxide system or a second automatic dry chemical extinguishing system or an automatic foam extinguishing system;

(iii) An automatic carbon dioxide system with a second automatic carbon dioxide system or an automatic foam extinguishing system.

(e) The automatic water spray extinguishing systems, automatic foam extinguishing systems, and dip tank covers shall conform with the requirements of WAC 296-24-405. The automatic carbon dioxide systems and dry chemical extinguishing system shall conform with the requirements of WAC 296-24-615 and 296-24-620.

(6) Where workers are engaged in the treating of lumber with chemicals or are required to handle lumber or other materials so treated, the workers shall be provided with, at no cost to the worker, and required to use such protective equipment as will provide complete protection against contact with toxic chemicals or fumes therefrom.

(7) Sanitation requirements. The requirements of WAC 296-24-120 through 296-24-13013 of the General Safety and Health Standards, shall govern sanitation practices.

(8) The sides of steam vats and soaking pits unless otherwise guarded shall extend forty-two inches above the floor level. The floor adjacent thereto shall be of nonslip construction.

(9) Large steam vats or soaking pits, divided into sections, shall be provided with substantial walkways between each section, each walkway to be provided with standard railings which may be removable if necessary.

NEW SECTION

WAC 296-78-71017 DRY KILNS. (1) Dry kilns shall be so constructed upon solid foundations that tracks will not sag. Dry kilns shall be provided with suitable walkways. Each kiln shall have doors that operate from the inside and be provided with escape doors of adequate height and width to accommodate an average size man, that also operates from the inside, and shall be located in or near the main door. Escape doors shall swing in the direction of exit. Kiln doors and door carriers shall be fitted with safety devices to prevent the doors or carriers from falling.

(2) Ladders. A fixed ladder, in accordance with the requirements of WAC 296-24-810 through 296-24-81009 of the General Safety and Health Standards, or other means shall be provided to permit access to the roof. Where controls and machinery are mounted on the roof, a permanent stairway with standard handrail shall be installed in accordance with the requirements of

WAC 296-24-765 through 296-24-76523 of the General Safety and Health Standards.

(3) A heated room shall be provided for the use of the kiln operator in inclement weather. He should remain in such room for at least ten minutes after leaving a hot kiln before going to cold outside air.

(4) Where operating pits are used, they shall be well ventilated, drained and lighted. Substantial gratings shall be installed at the kiln floor line. Steam lines shall be provided with insulation wherever exposed to contact by employees. Fans shall be enclosed by standard safeguards.

(5) Mechanical equipment. All belts, pulleys, blowers, and other exposed moving equipment used in or about kilns shall be guarded in accordance with the requirements of WAC 296-24-205 through 296-24-20533 of the General Safety and Health Standards.

NEW SECTION

WAC 296-78-71019 EXHAUST SYSTEMS. (1) Air requirements in buildings, where persons are habitually employed, shall meet the requirements of the General Occupational Health Standard, WAC 296-62-100 through 296-62-11013.

(2) Where the natural ventilation is not sufficient to remove dust, fumes or vapors that create or constitute a hazard, additional means of removal shall be provided.

(3) All mills containing one or more machines whose operations create dust, shavings, chips or slivers during a period of time equal to or greater than one-fourth of the working day or shift, shall be equipped with a collecting system either continuous or automatic in action and of sufficient strength and capacity to thoroughly remove such refuse from the points of operation of the machines and the work areas.

(4) Each woodworking machine that creates dust, shavings, chips, or slivers shall be equipped with an exhaust or conveyor system located and adjusted to remove the maximum amount of refuse from the point of operation and immediate vicinity.

(5) Blower, collecting and exhaust systems shall be designed, constructed and maintained in accordance with American National Standards Z33.1 - 1961 (For the installation of blower and exhaust systems for dust, stock and vapor removal or conveying) and Z12.2 - 1962 (R1969) (Code for the prevention of dust explosions in woodworking and wood flour manufacturing plants.)

(6) Fans used for ventilating shall be of ample capacity, as evidenced by the performance schedules of the manufacturers, and shall be guarded when exposed to contact. Hoods, dust conveyors, dust collectors and other accessory equipment shall be large enough to insure free intake and discharge.

(7) The outlet or discharge of all ventilating equipment shall be so arranged that at no time will the dust, vapors, gases or other air borne impurities discharged, create or constitute a hazard.

(8) Where a hood is used to form a part or all of the guard required on a given machine, it shall be constructed of not less than ten U.S. gauge sheet metal, or if of cast iron it shall be not less than three-sixteenths inches in thickness.

(9) All exhaust pipes shall be of such construction and internal dimensions as to minimize the possibility of clogging. They shall be readily accessible for cleaning.

(10) All exhaust pipes shall empty into settling or dust chambers which shall effectively prevent the dust or refuse from entering any work area. Such settling or dust chambers shall be so designed and operated as to reduce to a minimum the danger of fire or dust explosions.

(11) In lieu of a general ventilating system, exhaust or blower units may be installed on the dust or fume producing machine, provided the required protection is secured thereby.

(12) When proper ventilation is not provided, and temporary hazardous conditions are therefore encountered, the employer shall furnish approved respiratory and visual equipment: PROVIDED, HOWEVER, That the exposure to such hazard shall not be for more than two hours duration. Protective measures and equipment shall meet the requirements of the General Occupational Health Standard, WAC 296-62-070 through 296-62-09001 and the requirements of the General Safety and Health Standard, WAC 296-24-081 through 296-24-08113.

(13) Provisions for the daily removal of refuse shall be made in all operations not required to have an exhaust system, or having refuse too heavy, or bulky, or otherwise unsuitable to be handled by an exhaust system.

NEW SECTION

WAC 296-78-71021 SPRAY PAINTING. All spray painting operations shall be carried on in accordance with the requirements of the General Safety and Health Standard, WAC 296-24-370 through 296-24-37027 and the General Occupational Health Standard, WAC 296-62-11019.

NEW SECTION

WAC 296-78-71023 LIGHTING. (1) Adequacy. Illumination shall be provided and designed to supply adequate general and local lighting to rooms, buildings and work areas during the time of use.

(2) Effectiveness. Factors upon which the adequacy and effectiveness of illumination will be judged, include the following:

(a) The quantity of light in footcandle intensity shall be sufficient for the work being done.

(b) The quality of the light shall be such that it is free from glare and has correct direction, diffusion and distribution.

(c) Shadows and extreme contrasts shall be avoided or kept to a minimum.

(3) The following table of light footcandles are taken from the General Occupational Health Standards, WAC 296-62-09003, and shall be used as a minimum requirement for mills and related work areas measured thirty inches above the floor**:

Assembly:	
Rough	10
Medium	20
Fine	B*
Extra Fine	A*
Construction - Indoor: General	10

Elevators - Freight and Passenger	10
Forge Shops and Welding	10
Garages - Automotive Equipment:	
Storage - Live	10
Storage - Dead	2
Repair Department and Washing	30
Locker Rooms	10
Machine Shops:	
Rough Bench and Machine Work	20
Medium Bench and Machine Work	30
Fine Bench and Machine Work	B*
Extra Fine Bench and Machine Work	A*
Offices:	
Bookkeeping, Typing and Accounting	50
Business Machines	B*
Conference Rooms:	
General Meetings	25
Desk Work:	
Intermittent Reading and Writing	25
Prolonged close work	50
Corridors and Stairways	5
Reading Blueprints and Plans	30
Drafting:	
Prolonged close work	50
Rough Drawing and Sketching	30
Filing and Indexing	25
Lobby	10
Mail Sorting	25
Reception Rooms	10
Stenographic Work	50
Vault	10
Packing and Boxing	10
Paint Mixing	10
Paints Shops:	
Dipping, Simple Spraying, Firing	
Rubbing, Ordinary Hand Painting	
and Finishing, Art, Stencil and	
Special Spraying	20
Fine Hand Painting and Finishing	B*
Extra Fine Hand Painting and	
Finishing	A*
Plating	10
Polishing and Burnishing	20
Power Plants, Engine Rooms, Boilers:	
Boilers, Coal and Ash Handling,	
Storage Battery Rooms	5
Auxiliary Equipment, Oil Switches	
and Transformers	10
Engines, Generators, Blowers,	
Compressors	20
Switchboards	30
Receiving and Shipping	10
Sheet Metal Works:	
Miscellaneous Machines, Ordinary	
Bench Work	20
Punches, Presses, Shears, Stamps,	
Spinning, Medium Bench Work	20 C*
Stairways, Passageways	5
Store and Stock Rooms:	
Rough Bulky Material	5
Medium or Fine Material Requiring	
Care	10
Testing:	
Rough	20
Fine	30
Extra Fine Instruments, Scales,	
etc.	A*
Toilets and Washrooms	10
Warehouse	5
Welding	30
Woodworking:	
Rough Sawing and Bench Work	15
Sizing, Planing, Rough Sanding,	
Medium Machine and Bench Work,	
Gluing, Veneering, Cooperate	20
Fine Bench and Machine Work,	
Fine Sanding and Finishing	50

NOTE: ** Figures represent average level for area with lowest level in area to be fifty percent of the listed value. The levels are exclusive of the levels established for more difficult seeing tasks which follow in Groups A, B and C and which are light-levels on the task measurements.

* Lighting for the more difficult seeing tasks, as indicated by A, B and C in the foregoing table, are given in the following:

Group A. These seeing tasks involve (a) the discrimination of extremely fine detail under conditions of (b) extremely poor contrast, (c) for long periods of time. To meet these requirements, illumination levels above one hundred footcandles are recommended.

To provide illumination of this order, a combination of at least twenty footcandles of general lighting plus specialized supplementary lighting is necessary. The design and installation of the combination systems must not only provide a sufficient amount of light but also must provide the proper direction of light, diffusion, eye protection, and insofar as possible must eliminate direct and reflected glare as well as objectionable shadows.

Group B. This group of visual tasks involves (a) the discrimination of fine detail under conditions of (b) a fair degree of contrast, (c) for long periods of time. Illumination levels from fifty to one hundred footcandles are required.

To provide illumination of this order a combination of at least twenty footcandles of general lighting plus specialized supplementary lighting is necessary. The design and installation of the combination systems must not only provide a sufficient amount of light but also must provide the proper direction of light diffusion, eye protection, and insofar as possible must eliminate direct and reflected glare as well as objectionable shadows.

Group C. The seeing tasks of this group require the discrimination of fine detail by utilizing (a) the reflected image of a luminous area or (b) the transmitted light from a luminous area.

The essential requirements are (1) that the luminous area shall be large enough to cover the surface which is being inspected and (2) that the brightness be within the limits necessary to obtain comfortable contrast conditions. This involves the use of sources of large area and relatively low brightness in which the source brightness is the principal factor rather than the footcandles produced at a given point.

(4) Diffusion and distribution of artificial and natural light. Artificial light sources shall be installed in regard to mounting height, spacing and reflectors or other suitable accessories, as to secure a reasonable uniform distribution of illumination and to avoid glare and sharply defined shadows from overhanging structural parts or persons in normal working positions. Suitable awnings, window shades, diffusive or refractive window glass shall be used where necessary to improve the diffusion and distribution of natural light.

NEW SECTION

WAC 296-78-71025 GAS PIPING AND APPLIANCES. All gas piping and appliances shall be installed in accordance with the American National Standard Requirements for Gas Appliances and Gas Piping Installations, Z21.30 - 1964.

NEW SECTION

WAC 296-78-715 MECHANICAL, STEAM AND ELECTRICAL EQUIPMENT.

NEW SECTION

WAC 296-78-71501 GENERAL PROVISIONS.

(1) All machinery or other equipment located or used on the premises of the operation or in the processes incidental thereto, shall be provided and maintained with approved standard safeguards, irrespective of ownership.

(2) Machines shall be so located that each operator will have sufficient space in which to handle material with the least possible interference from or to other workers or machines.

(3) Machines shall be so placed that it will not be necessary for the operator to stand where passing traffic creates a hazard.

(4) Aisles of sufficient width to permit the passing of vehicles or employees without crowding shall be provided in all work areas and stock or storage rooms.

(5) All metal decking around machinery shall be equipped to effectively prevent slipping.

(6) All machinery or equipment started by a control so located as to create impaired vision of any part of such machinery or equipment shall be provided with an audible warning device, where such machinery or equipment is exposed to contact at points not visible to the operator. Such devices shall be sounded before starting up unless positive mechanical or electrical interlocking controls are provided which will prevent starting until all such posts are cleared.

(7) A mechanical or electrical power control device shall be provided at each machine which will make it possible for the operator to stop the machine feed without leaving his position at the point of operation.

(8) All machines operated by means of treadles, levers, or other similar devices, shall be provided with positive and approved nonrepeat devices except where such machine is being used as an automatic repeating device.

(9) Operating levers and treadles on all machines or machinery shall be so located and protected that they cannot be shifted or tripped accidentally.

(10) All power driven machinery shall be stopped and brought to a complete standstill before any repairs or adjustments are made or pieces of material or refuse removed, except where motion is necessary to make adjustments.

NEW SECTION

WAC 296-78-71503 LOCK OUT—TAG OUT.

(1) To avoid accidental activation of machinery, electrical devices or other equipment which could create a hazardous condition while performing maintenance, repair, cleanup or construction work, the main disconnect(s) (line circuit breakers) shall first be locked out and tagged in accordance with the following provisions:

(2) Effective date. Effective July 1, 1982, only padlocks or other equivalent protective devices shall be used for locking out the main disconnect(s) (line circuit breakers) of machinery, electrical devices or other

equipment that is shut down while maintenance, repair, cleanup, construction work or other type of work is done to the equipment. Tags shall be used to supplement the padlocks or other equivalent protective devices, and shall be used only for informational purposes.

(3) Padlocks, tags or equivalent protective devices to be supplied. The employer shall supply and the employee(s) shall use as many padlocks or other equivalent protective devices as are necessary to effectively lock out all affected equipment.

(4) Lock out plan. An effective lock out plan shall be formulated in writing and all concerned employees so informed. The plan shall contain specific procedures for locking out equipment, information to be contained on supplemental tags and specific procedures for unlocking equipment after repairs, cleanup, etc., have been completed.

(5) Informational tags. Tags used for providing supplemental information with lock out padlocks or other equivalent protective devices shall contain the name of the person authorizing placement, reason for placing, date, signature of person placing tag and such other relative information as deemed necessary by the person placing the tag.

(6) Lock out by pushbutton only. Locking out a machine or item of equipment by use of a pushbutton or other local control device only will not be acceptable as meeting the intent of these rules.

(7) Coordination of locking out devices. When repair, adjustment, cleanup, maintenance or construction work is necessary and the lock out procedures must be followed by any person not familiar with all power sources or material entry sources to any area involved, that person shall consult with the operator, supervisor, or some person that is capable of informing him of proper lock out procedures and supplemental tagging information.

(8) Lock out before removing guards. Equipment shall be stopped and locked out before employees remove guards or reach into any potentially hazardous area. The only exception to this rule will be when equipment must be in motion in order to make proper adjustments.

(9) Removal of lock outs. Each person actively engaged in the repair, maintenance, cleanup, etc., shall lock out the affected equipment and place the informational tag. Upon completion of the work and reinstallation of the guards, that person shall personally remove his lock and tag, except when it is positively determined that an employee has left the premises without removing his lock and tag, other persons may remove the locks and tags in accordance with a procedure formulated by each firm and approved by the Division of Industrial Safety and Health.

(10) Valves to be locked and tagged out. Each valve used to control the flow of hazardous materials into, or used to activate the equipment being worked on, shall be locked and tagged out.

(11) Piping systems deactivated. Prior to working on piping systems containing pressurized or hazardous materials, the valve(s) controlling the flow to the affected area shall be locked and tagged out. The piping in the area to be worked on shall be drained and purged, if needed. If the piping contains hazardous materials, the

piping shall be isolated from the work area by the insertion of blank flanges in the piping system.

(12) Pipe lines without valves. If pipelines or ducts are constructed without valves or closures that can be locked out, the lines or ducts shall be broken at a flange and a blank flange inserted to stop accidental flow of any hazardous material.

(13) Testing after lock out. After locking out and tagging equipment, a test shall be conducted to ascertain that the equipment has been made inoperative or the flow of hazardous material has been positively stopped. Precautions shall be taken to ascertain that persons will not be subjected to hazard while conducting the test if power source or flow of material is not shut off.

(14) Temporary or alternate power to be avoided. Whenever possible, temporary or alternate sources of power to the equipment being worked on shall be avoided. If the use of such power is necessary, all affected employees shall be informed and the source of temporary or alternate power shall be identified.

NEW SECTION

WAC 296-78-71505 MECHANICAL POWER TRANSMISSION APPARATUS. (1) Machines and other equipment shall not be oiled while in motion, unless provided with guards or other devices to permit oiling without any possibility of contact with moving parts of machinery.

(2) Inspections shall be made to assure that shaftings, bearings and machines are in proper alignment at all times and that bolts in shaft hangars, couplings and boxes are tight.

(3) Isolated bearings or other equipment not reached by walkway shall be served by a ladder or other means of safe access.

(4) Running belts under power on or off pulleys shall be accomplished by mechanical means which will not expose employees to moving elements of the operation.

(5) Counterweights located on or near passageways or work areas shall be provided with enclosures. Overhead counterweights shall be provided with substantial safety chains or cables, or otherwise secured against falling.

(6) The construction, operation, and maintenance of all mechanical power-transmission apparatus shall be in accordance with the requirements of WAC 296-24-205 through 296-24-20533 of the General Safety and Health Standard.

(7) Baffles shall be erected, where necessary, to protect employees from breaking belts, chains, ropes or cables.

(8) Overhead horizontal belts, chains or rope drives shall be provided with guards.

(9) Hydraulic systems. Means shall be provided to block, chain, or otherwise secure equipment normally supported by hydraulic pressure so as to provide for safe maintenance.

NEW SECTION

WAC 296-78-720 BOILER AND PRESSURE VESSELS. Boilers and pressure vessels shall be constructed, maintained and inspected in accordance with

the provisions of the Boiler and Unfired Pressure Vessel Law, chapter 70.79 RCW, and chapter 296-104 WAC as administered by the boiler inspection section of the Department of Labor and Industries.

NEW SECTION

WAC 296-78-725 NONIONIZING RADIATION. (1) Only qualified and trained employees shall be assigned to install, operate, adjust, and maintain laser equipment.

(2) Employees, when working in areas in which a potential exposure to direct or reflected laser light greater than 0.005 watts (5 milliwatts) exists, shall be provided with antilaser safety goggles which will protect for the specific wavelength of the laser and be of optical density (O.D.) adequate for the energy involved.

(3) Areas in which lasers are used shall be posted with standard laser warning placards.

(4) Beam shutters or caps shall be utilized, or the laser turned off, when laser transmission is not actually required. When the laser is left unattended for a substantial period of time, such as during lunch hour, overnight, or at change of shifts, the laser shall be turned off or shutters or caps shall be utilized.

(5) The laser beam shall not be directed at employees.

(6) The laser equipment shall bear such labels, logos and data placards to indicate maximum output and class designation as required of the manufacturer at time of sale, by I.A.W. Part 1040, CFR Title 21. Such labels, logos, data placards, etc., shall be maintained in a legible condition.

(7) Employees shall not be exposed to light intensities in excess of:

(a) Direct staring: One micro-watt per square centimeter;

(b) Incidental observing: One milliwatt per square centimeter;

(c) Diffused reflected light: Two and one-half watts per square centimeter.

(8) The laser equipment shall not be modified except by the manufacturer.

NEW SECTION

WAC 296-78-730 ELECTRICAL SERVICE AND EQUIPMENT. (1) Electrical service and equipment shall be constructed, maintained, inspected and operated in accordance with the provisions of chapter 19.28 RCW, chapter 296-46 WAC, WAC 296-24-950 through 296-24-955, and the Electrical Standard as promulgated by the Division of Building and Construction Safety Inspection Services.

(2) Repairs. Electrical repairs shall be made only by authorized and qualified personnel.

(3) Identification. Marks of identification on electrical equipment shall be clearly visible.

(4) Protective equipment. Rubber protective equipment shall be provided as required by WAC 296-24-092(1) of the General Safety and Health Standard.

(5) Open switches. Before working on electrical equipment, switches shall be open and shall be locked out.

(6) Concealed conductors. Where electrical conductors are known to be concealed, no work shall be performed until such conductors are located.

(7) Overload relays. Overload relays shall be reset by authorized qualified personnel only.

(8) Passageways to panels. Passageways to switch centers or panels shall at all times be kept free from obstruction. Not less than three feet of clear space shall be maintained in front of switch centers or panels at all times.

(9) Bridging fuses. Fuses shall not be doubled or bridged.

NEW SECTION

WAC 296-78-735 ELEVATORS, MOVING WALKS. Elevators, moving walks and other lifting devices intended for either passenger or freight service shall be constructed, maintained, inspected and operated in accordance with the provisions of chapter 70.87 RCW, WAC 296-24-870 through 296-24-90009 of the General Safety and Health Standards, and those specific standards which are applicable from the Division of Building and Construction Safety Inspection Services, Elevator Section.

NEW SECTION

WAC 296-78-740 TRANSPORTATION—LUMBER HANDLING EQUIPMENT—CRANES—CONSTRUCTION. (1) All apparatus shall be designed throughout, with not less than the following factors of safety, under static full rated load stresses, based on ultimate strength of the material used:

Material	Factor of Safety
Cast Iron	12
Cast Steel	8
Structural Steel	5
Forged Steel	5
Cables	5

(2) A notice shall be placed on every crane and hoist showing the maximum allowable load in pounds or tons. This notice shall be placed in such a manner as to be clearly legible from the floor.

(3) Cranes shall be of what is known as "all steel construction". No cast iron shall be used in parts subject to tension except in drums, trolley sides, bearings, brackets and brake shoes.

(4) The construction of cranes shall be such that all parts may be safely lubricated and inspected when cranes are not in operation.

(5) Bolts subject to stress shall be of the through type and all bolts shall be equipped with approved protection so that the bolt will not work loose or nuts work off.

(6) Outside crane cages shall be enclosed. There shall be windows on three sides of the cage and windows in the front, and the side opposite the door shall be the full width of the cage.

(7) Where a tool box or receptacle is used for the storing of oil cans, tools, etc., it shall be permanently secured in the cage or on the foot-walk of outside cranes

and on the foot-walk of inside cranes. Tool boxes of hot metal cranes shall be constructed of metal.

(8) All gears on cranes shall be provided with standard guards.

(9) Keys projecting from revolving shafts shall be guarded.

(10) A braking apparatus shall be provided on every type of crane and shall be so designed and installed as to be capable of effectually braking a weight of at least one and one-half times the full rated load.

NEW SECTION

WAC 296-78-745 ELECTRICAL EQUIPMENT.

(1) All exposed current-carrying parts except conductors, connected to circuits above three hundred volts to ground shall be so isolated, insulated, or guarded that no employee can come in contact with them. Exposed parts less than 300 volts shall be protected in some suitable way against possible accidental contact. Exposed metallic parts of conduit armored cable or molding shall be permanently grounded.

(2) Guards for the current-carrying parts of unisolated electrical equipment, such as controllers, motors, transformers, automatic cutouts, circuit breakers, switches, and other devices shall consist of cabinets, casings, or shields of permanently grounded metal or of insulating material.

(3) All parts of electrical equipment, such as fuses and the handles and arc chutes of circuit breakers, shall be so isolated or guarded that the liability of employees being struck or burned by sparking, flashing or movement during operation is reduced to a minimum.

(4) All exposed noncurrent carrying metal parts of electrical equipment shall be permanently grounded. The ground connection through well bonded track rails will be considered satisfactory.

(5) The metallic parts of portable cranes, derricks, hoists, and similar equipment on which wires, cables, chains, or other conducting objects are maintained shall be provided with an effective protective ground, where operated in the vicinity of supply lines.

(6) Readily accessible means shall be provided whereby all conductors and equipment located in cranes can be disconnected entirely from the source of energy at a point as near as possible to the main current collectors.

(7) Means shall be provided to prevent the starting and operation of equipment by unauthorized persons.

(8) The control levers of traveling cranes shall be so located that the operator can readily face the direction of travel.

(9) A hoist limiting device shall be provided for each hoist.

(10) All fuses shall be of the enclosed arcless type.

NEW SECTION

WAC 296-78-750 CHAINS, WIRE ROPE, CABLES AND FIBER ROPE. (1) Ropes, cables, slings, and chains.

(a) Safe usage. Ropes, cables, slings, and chains shall be used in accordance with safe use practices recommended by the manufacturer or within safe limits recommended by the equipment manufacturer when used in conjunction with it.

(b) Proof testing. The employer shall ensure that before use, each new, repaired, or reconditioned alloy steel chain sling, including all welded components in the sling assembly, shall be proof tested by the sling manufacturer or equivalent entity, in accordance with paragraph 5.2 of the American Society of Testing and Materials Specification A391.65 (ANSI G61.1-1968). The employer shall retain the certificate of the proof test and shall make it available for examination. When a chain sling assembly is made up of segments of proof tested alloy chain and proof tested individual components such as mechanical coupling links, hooks and similar devices; it is not necessary to test the assembled unit, when appropriate test certification of individual components is available and the assembled sling is appropriately tagged by the manufacturer or equal entity. The sling shall not be used in excess of the rated capacity of the weakest component.

(c) Slings. Slings and their fittings and fastenings, when in use, shall be inspected daily for evidence of overloading, excessive wear, or damage. Slings found to be defective shall be removed from service.

(2) Proper storage shall be provided for slings while not in use.

(3) Protection shall be provided between the sling and sharp unyielding surfaces of the load to be lifted.

(4) Hooks. No open hook shall be used in rigging to lift any load where there is hazard from relieving the tension on the hook from the load or hook catching or fouling.

(5) Ropes or cables. Wire rope or cable shall be inspected when installed and once each day thereafter, when in use. It shall be removed from hoisting or load-carrying service when kinked or when one of the following conditions exist:

(a) When three broken wires are found in one lay of 6 by 6 wire rope.

(b) When six broken wires are found in one lay of 6 by 19 wire rope.

(c) When nine broken wires are found in one lay of 6 by 37 wire rope.

(d) When eight broken wires are found in one lay of 8 by 19 wire rope.

(e) When marked corrosion appears.

(f) Wire rope of a type not described herein shall be removed from service when four percent of the total number of wires composing such rope are found to be broken in one lay.

(g) Condemned. When wire rope, slings or cables deteriorate through rust, wear, broken wires, kinking or other conditions, to the extent there is a reasonable doubt that the necessary safety factor is maintained, the use of such equipment shall be discontinued.

(6) Wire rope removed from service due to defects shall be plainly marked or identified as being unfit for further use on cranes, hoists, and other load-carrying devices.

(7) The ratio between the rope diameter and the drum, block, sheave, or pulley tread diameter shall be such that the rope will adjust itself to the bend without excessive wear, deformation, or injury. In no case shall the safe value of drums, blocks, sheaves, or pulleys be reduced when replacing such items unless compensating changes are made for rope used and for safe loading limits.

(8) Drums, sheaves, and pulleys. Drums, sheaves, and pulleys shall be smooth and free from surface defects liable to injure rope. Drums, sheaves, or pulleys having eccentric bores or cracked hubs, spokes, or flanges shall be removed from service.

(9) Connections. Connections, fittings, fastenings, and other parts used in connection with ropes and cables shall be of the quality, size and strength recommended by the manufacturer for the use intended. These connections shall be installed in accordance with the manufacturer's recommendations.

(10) Socketing, splicing, and seizing.

(a) Socketing, splicing, and seizing of cables shall be performed only by qualified persons.

(b) All eye splices shall be made in a manner recommended by the manufacturer and wire rope thimbles of proper size shall be fitted in the eye, except that in slings the use of thimbles shall be optional.

(11) Wire rope clips attached with U-bolts shall have these bolts on the dead or short end of the rope. The U-bolt nuts shall be retightened immediately after initial load carrying use and at frequent intervals thereafter. The number and spacing of clips shall be as follows:

Improved Plow Steel Diameter of Rope	Number of Clips (Drop Forged)		Required Other Material	Minimum Space Between Clips
3/8 to 5/8"	3	4		3-3/4"
3/4"	4	5		4-1/2"
7/8"	4	5		5-1/4"
1 "	5	6		6 "
1-1/8"	6	6		6-3/4"
1-1/4"	6	7		7-1/2"
1-3/8"	7	7		8-1/4"
1-1/2"	7	8		9 "

(a) When a wedge socket-type fastening is used, the dead or short end of the cable shall be clipped with a U-bolt or otherwise made secure against loosening.

(b) Fittings. Hooks, shackles, rings, pad eyes, and other fittings that show excessive wear or that have been bent, twisted, or otherwise damaged shall be removed from service.

(12) Running lines. Running lines of hoisting equipment located within six feet six inches of the ground or working level shall be boxed off or otherwise guarded, or the operating area shall be restricted.

(13) Preventing abrasion. The reeving of a rope shall be so arranged as to minimize chafing or abrading while in use.

(14) Sheave guards. Bottom sheaves shall be protected by close fitting guards to prevent cable from jumping the sheave.

(15) There shall be not less than two full wraps of hoisting cable on the drums of cranes and hoists at all times of operation.

(16) Where the cables are allowed to pile on the drums of cranes, the drums shall have a flange at each end to prevent the cables from slipping off the drum.

(17) Chains. Chains used in load carrying service shall be inspected before initial use and weekly thereafter.

If at any time any three-foot length of chain is found to have stretched one-third the length of a link it shall be discarded.

(18) Chains shall be spliced in compliance with the requirements of the General Safety and Health Standard, WAC 296-24-29413.

(19) Wherever annealing of chains is attempted, it shall be done in properly equipped annealing furnaces and under the direct supervision of a competent person thoroughly versed in heat treating.

Chain shall be normalized or annealed periodically as recommended by the manufacturer.

(20) Fiber rope.

(a) Frozen fiber rope shall not be used in load carrying service.

(b) Fiber rope that has been subjected to acid shall not be used for load carrying purposes.

(c) Fiber rope shall be protected from abrasion by padding where it is fastened or drawn over square corners or sharp or rough surfaces.

NEW SECTION

WAC 296-78-755 NATURAL AND SYNTHETIC FIBER ROPE SLINGS. (1) Sling use.

(a) Fiber rope slings made from conventional three strand construction fiber rope shall not be used with loads in excess of the rated capacities prescribed in Tables D-16 through D-19 of Part "D" of the General Safety and Health Standards, chapter 296-24 WAC.

(b) Slings not included in these tables shall be used only in accordance with the manufacturer's recommendations.

(2) Safe operating temperatures. Natural and synthetic fiber rope slings, except for wet frozen slings, may be used in a temperature range from minus 20°F to plus 180°F without decreasing the working load limit. For operations outside this temperature range and for wet frozen slings, the sling manufacturer's recommendations shall be followed.

(3) Splicing. Spliced fiber rope slings shall not be used unless they have been spliced in accordance with the following minimum requirements and in accordance with any additional recommendations of the manufacturer:

(a) In manila rope, eye splices shall consist of at least three full tucks, and short splices shall consist of at least six full tucks, three on each side of the splice center line.

(b) In synthetic fiber rope, eye splices shall consist of at least four full tucks, and short splices shall consist of at least eight full tucks, four on each side of the center line.

(c) Strand end tails shall not be trimmed flush with the surface of the rope immediately adjacent to the full tucks. This applies to all types of fiber rope and both eye and short splices. For fiber rope under one inch in diameter, the tail shall project at least six rope diameters beyond the last full tuck. For fiber rope one inch in

diameter and larger, the tail shall project at least six inches beyond the last full tuck. Where a projecting tail interferes with the use of the sling, the tail shall be tapered and spliced into the body of the rope using at least two additional tucks (which will require a tail length of approximately six rope diameters beyond the last full tuck).

(d) Fiber rope slings shall have a minimum clear length of rope between eye splices equal to ten times the rope diameter.

(e) Knots shall not be used in lieu of splices.

(f) Clamps not designed specifically for fiber ropes shall not be used for splicing.

(g) For all eye splices, the eye shall be of such size to provide an included angle of not greater than sixty degrees at the splice when the eye is placed over the load or support.

(4) End attachments. Fiber rope slings shall not be used if end attachments in contact with the rope have sharp edges or projections.

(5) Removal from service. Natural and synthetic fiber rope slings shall be immediately removed from service if any of the following conditions are present:

(a) Abnormal wear.

(b) Powdered fiber between strands.

(c) Broken or cut fibers.

(d) Variations in the size or roundness of strands.

(e) Discoloration or rotting.

(f) Distortion of hardware in the sling.

(6) Repairs. Only fiber rope slings made from new rope shall be used. Use of repaired or reconditioned fiber rope slings is prohibited.

NEW SECTION

WAC 296-78-760 SYNTHETIC WEB SLINGS.

(1) Sling identification. Each sling shall be marked or coded to show the rated capacities for each type of hitch and type of synthetic web material.

(2) Webbing. Synthetic webbing shall be of uniform thickness and width and selvage edges shall not be split from the webbing's width.

(3) Fittings. Fittings shall be:

(a) Of a minimum breaking strength equal to that of the sling; and

(b) Free of all sharp edges that could in any way damage the webbing.

(4) Attachment of end fittings to webbing and formation of eyes. Stitching shall be the only method used to attach end fittings to webbing and to form eyes. The thread shall be in an even pattern and contain a sufficient number of stitches to develop the full breaking strength of the sling.

(5) Sling use. Synthetic web slings illustrated in Figure D-6 shall not be used with loads in excess of the rated capacities specified in Tables D-20 through D-22. Slings not included in these tables shall be used only in accordance with the manufacturer's recommendations.

(6) Environmental conditions. When synthetic web slings are used, the following precautions shall be taken:

(a) Nylon web slings shall not be used where fumes, vapors, sprays, mists or liquids of acids or phenolics are present.

(b) Polyester and polypropylene web slings shall not be used where fumes, vapors, sprays, mists or liquids of caustics are present.

(c) Web slings with aluminum fittings shall not be used where fumes, vapors, sprays, mists or liquids of caustics are present.

(7) Safe operating temperatures. Synthetic web slings of polyester and nylon shall not be used at temperatures in excess of 180°F. Polypropylene web slings shall not be used at temperatures in excess of 200°F.

(8) Repairs.

(a) Synthetic web slings which are repaired shall not be used unless repaired by a sling manufacturer or an equivalent entity.

(b) Each repaired sling shall be proof tested by the manufacturer or equivalent entity to twice the rated capacity prior to its return to service. The employer shall retain a certificate of the proof test and make it available for examination.

(c) Slings, including webbing and fittings, which have been repaired in a temporary manner shall not be used.

(9) Removal from service. Synthetic web slings shall be immediately removed from service if any of the following conditions are present:

(a) Acid or caustic burns;

(b) Melting or charring of any part of the sling surface;

(c) Snags, punctures, tears or cuts;

(d) Broken or worn stitches; or

(e) Distortion of fittings.

NEW SECTION

WAC 296-78-765 FLOOR OPERATED CRANES. (1) An unobstructed aisle not less than three feet wide shall be maintained for travel of the operator except in such cases where the control handles are hung from the trolleys of traveling cranes.

(2) The controller or controllers, if rope operated, shall automatically return to the "off" position when released by the operator.

(3) Pushbuttons, in pendant stations, shall return to the "off" position when pressure is released by the crane operator.

(4) All pushbuttons shall be marked to indicate their purpose.

NEW SECTION

WAC 296-78-770 OPERATORS. (1) Cranes shall be operated only by regular crane operators, authorized substitutes who have had adequate experience and training under the supervision of a competent operator, or by crane repair person or inspectors.

(2) No person under the age of eighteen years shall be permitted to operate a crane.

(3) Operators shall be required to pass a practical examination limited to the specific type of equipment to be operated. Operators shall meet the following physical qualifications:

(a) Have vision of at least 20/30 Snellen in one eye, and 20/50 in the other, with or without corrective lenses.

(b) Be able to distinguish red, green, and yellow, regardless of position of colors, if color differentiation is required for operation.

(c) Hearing, with or without hearing aid, must be adequate for the specific operation.

(d) A history of epilepsy or an uncorrected disabling heart condition shall be cause for a doctor decision to determine qualifications to operate a crane.

(4) Hands shall be kept free when going up and down ladders. Articles which are too large to go into pockets or belts shall be lifted to or lowered from the crane by hand line. (Except where stairways are provided.)

(5) Cages shall be kept free of clothing and other personal belongings. Tools, extra fuses, oil cans, waste and other articles necessary in the crane cage shall be stored in a tool box and not left loose on or about the crane.

(6) The operator shall familiarize himself fully with all crane rules and with the crane mechanism and its proper care. If adjustments or repairs are necessary, he shall report the same at once to the proper authority.

(7) The operator shall not eat, smoke or read while actually engaged in the operation of the crane.

(8) The operator or someone especially designated shall lubricate all working parts of the crane.

(9) Cranes shall be examined for loose parts or defects each day on which they are in use.

(10) Sawdust, oil or other debris shall not be allowed to accumulate to create a fire, health or slipping hazard.

(11) Operators shall avoid, as far as possible, carrying loads over workers. Loads shall not be carried over employees without sounding an audible warning alarm.

(12) Whenever the operator finds the main or emergency switch open, he shall not close it, even when starting on regular duty, until he has made sure that no one is on or about the crane. He shall not oil or repair the crane unless the main switch is open.

(13) If the power goes off, the operator shall immediately throw all controllers to "off" position until the power is again available.

(14) Before closing the main switch the operator shall make sure that all controllers are in "off" position until the power is again available.

(15) The operator shall pay special attention to the block, when long hitches are made, to avoid tripping the limit switch.

(16) The operator shall recognize signals only from the person who is supervising the lift except for emergency stop signals. Operating signals shall follow established standard crane signals as illustrated in WAC 296-78-830 of this chapter. Whistle signals may be used where one crane only is in operation. Cranes shall have audible warning device which shall be sounded in event of emergency.

(17) Before starting to hoist, the operator shall place the trolley directly over the load to avoid swinging it when being hoisted.

(18) The operator shall not make side pulls with the crane except when especially instructed to do so by the proper authority.

(19) When handling maximum loads, the operator shall test the hoist brakes after the load has been lifted a

few inches. If the brakes do not hold, the load shall be lowered at once and the brakes adjusted or repaired.

(20) Bumping into runway stops or other cranes shall be avoided. When the operator is ordered to engage with or push other cranes, he shall do so with special care for the safety of persons on or below cranes.

(21) When lowering a load, the operator shall proceed carefully and make sure that he has the load under safe control.

(22) When leaving the cage the operator shall throw all controllers to "off" position and open the main switch.

(23) If the crane is located out of doors the operator shall lock the crane in a secure position to prevent it from being blown along or off the track by a severe wind.

(24) Railroad cars shall not be pulled along the tracks with sidepulls on an overhead crane.

(25) Operators shall not move the crane or a load unless floor signals are clearly understood.

(26) The rated lifting capacity of a crane shall not be exceeded. If any doubt exists about the weight of a load which might exceed the rated capacity, the foreman in charge must be contacted before any attempt is made to lift the load. The foreman shall determine that the load is within the rated capacity of the crane or the load shall not be lifted.

(27) Crane operators and floorpersons shall coordinate their activities on every lift or movement of the crane. Both the operator and signalperson shall clearly understand any problem a movement might create with regard to surrounding materials, structures, equipment or personnel.

NEW SECTION

WAC 296-78-775 SIGNALPERSONS. (1)

Signalpersons shall give all the signals to the operator in accordance with established standard signals as illustrated in WAC 296-78-830 of this chapter.

(2) A designated person shall be responsible for the condition and use of all hoisting accessories and for all hitches.

(3) Before an operator moves a crane upon which an empty chain or cable sling is hanging, both ends of the sling shall be placed on the hook.

(4) Signalpersons, where necessary, shall walk ahead of the moving load and warn people to keep clear of it. They shall see that the load is carried high enough to clear all obstructions.

(5) Signalpersons shall notify the person in charge in advance when an extra heavy load is to be handled.

(6) No person shall be permitted to stand or pass under an electric magnet in use.

(7) The electrical circuit for electric magnets shall be maintained in good condition. Means for taking up the slack cable shall be provided.

NEW SECTION

WAC 296-78-780 REPAIRPERSONS. (1) When repairs are necessary, repairpersons shall have the crane

run to a location where the repair work will least interfere with the other cranes and with operations on the floor.

(2) Before starting repairs, repairpersons shall see that all controllers are thrown to the "off" position, and that main or emergency switches are opened; one of these shall be locked out in compliance with WAC 296-78-715(11) of this chapter.

(3) Repairpersons shall immediately place warning signs or "Out of Order" signs on a crane to be repaired and also on the floor beneath or hanging from the crane so that it can easily be seen from the floor. If other cranes are operated on the same runway, repairpersons shall also place rail stops at a safe distance or make other safe provisions.

(4) When repairing runways, repairpersons shall place rail stops and warning signs or signals so as to protect both ends of the section to be repaired.

(5) Repairpersons shall take care to prevent loose parts from falling or being thrown upon the floor beneath.

(6) Repairs shall not be considered complete until all guards and safety devices have been put in place and the block and tackle and other loose material have been removed.

NEW SECTION

WAC 296-78-785 CONSTRUCTION REQUIREMENTS. (1) Calculations for wind pressure on outside overhead traveling cranes shall be based on not less than 30 pounds per square foot of exposed surface.

(2) No overhung gears shall be used unless provided with an effective means of keeping them in place, and keys shall be secured to prevent gears working loose.

Safety lugs or brackets shall be provided on the trolley frames and bridge ends of overhead traveling cranes, so that in the event of a broken axle or wheel the trolley or bridge proper will not have a drop greater than one inch.

(3) Where there are no members over an outside overhead crane suitable for attaching blocks for repair work, and a locomotive crane is not available, a structural steel outrigger of sufficient strength to lift the heaviest part of the trolley shall be provided.

(4) Outside overhead traveling cranes shall be equipped with wind indicators and rail clamps as required by the General Safety and Health Standards, WAC 296-24-23503.

(5) Foot brakes, or other effective means shall be provided to control the bridge travel of all overhead traveling cranes.

NEW SECTION

WAC 296-78-790 CRANE PLATFORMS AND FOOTWALKS. (1) Platforms shall be provided when changing and repairing truck wheels on end trucks.

(2) A platform or footwalk shall be located on crane or crane runway to give access to the crane cage, and it shall be accessible from one or more stairways or fixed ladders. This platform or footwalk shall be not less than eighteen inches in width.

(3) Where stairways are used to give access to platforms they shall make an angle of not more than fifty degrees with the horizontal and shall be equipped with substantial railing. If ladders are used to give access to platforms they shall extend not less than thirty-six inches above the platform. Railed stairways or ladders to be used as a means of ingress and egress to crane cages shall be located at either or both ends.

(4) A footwalk shall be placed along the entire length of the bridge on the motor side, and a short platform twice the length of the trolley placed at one end of the girder on the opposite side, with a vertical clearance of at least six feet six inches where the design of crane or building permits, but in no case shall there be less than four feet clearance. For hand operated cranes the footwalk shall not be required to be installed on the bridge of the crane, but there shall be a repair platform equal in strength and design to that required for motor operated cranes, installed on the wall of the building or supported by the crane runway at a height equal to the lower edge of the bridge girder to facilitate necessary repairs.

(5) Clear width of footwalks shall not be less than eighteen inches except around the bridge motor where it may be reduced to fifteen inches.

(6) Footwalks shall be of substantial construction and rigidly braced. Footwalks for outside service shall be constructed so as to provide proper drainage, but the cracks between the boards shall not be wider than one-fourth inch.

(7) Every footwalk shall have a standard railing and toeboard at all exposed edges. Railings and toeboards shall conform in construction and design with the following requirements:

(a) Railings shall be not less than thirty-six inches nor more than forty-two inches in height, with an additional rail midway between the top rail and the floor.

(b) Pipe railings shall be not less than one and one-fourth inch inside diameter if of iron or be not less than one and one-half inches outside diameter if of brass tubing.

(c) Metal rails other than pipe shall be at least equal in strength to that of one and one-half by three-sixteenths inch angle and shall be supported by uprights of equal strength.

(d) Posts or uprights shall be spaced not more than eight feet center to center.

(e) Toeboards shall be not less than four inches in height.

(f) Toeboards shall be constructed in a permanent and substantial manner of metal, wood, or other material equivalent thereto in strength. Where of wood, toeboards shall be at least equal in cross section to one inch by four inches; where of steel at least one-eighth inch by four inches; where of other construction at least equal to the requirements for steel. Perforations up to one-half inch are permissible in metal toeboards.

(8) No openings shall be permitted between the bridge footwalk and the crane girders. Where wire mesh is used to fill this opening the mesh openings shall be not greater than one-half inch.

(9) All footwalks and platforms shall be so designed as to be capable of sustaining a concentrated load of one hundred pounds per lineal foot.

NEW SECTION

WAC 296-78-795 CRANE CAGES. (1) Safe means of escape shall be provided for operators of all cranes in all operating locations. Rope ladders shall not be used as a regular means of access but may be installed as an emergency escape device to be used in the event of fire, mechanical breakdown or other emergency.

(2) The operator's cage shall be located at a place from which signals can be clearly distinguishable, and shall be securely fastened in a place and well braced to minimize vibration. It shall be large enough to allow ample room for the control equipment and the operator. The operator shall not be required to step over an open space of more than eighteen inches when entering the cage.

(3) Cab operated cranes shall be equipped with a portable fire extinguisher which meets the requirements of the General Safety and Health Standard, WAC 296-24-590 through 296-24-59007.

(4) In establishments where continuous loud noises prevail such as caused by the operation of pneumatic tools, steam exhausts from boilers, etc., adequate signals shall be installed on cranes or one or more employees shall be placed on the floor for each crane operated to give warning to other employees of the approach of a crane with a load. Where there are more than two cranes on the same runway or within the same building structure, signaling devices are required to give warning to other employees of the approach of a crane with a load.

(5) Cages of cranes subjected to heat from below shall be of noncombustible construction and shall have a steel plate shield not less than one-eighth inch thick, placed not less than six inches below the bottom of the floor of the cage.

(6) Outside crane cages shall be enclosed. There shall be windows on three sides of the cage. The windows in the front and the side opposite the door shall be the full width of the cage.

(7) The floor of the cage on out-door cranes shall be extended to form an entrance landing which shall be equipped with a handrail and toeboard constructed to the specifications of WAC 296-78-790 of this chapter.

(8) A copy of the rules for operators shall be permanently posted in the cages of all cage-operated cranes.

NEW SECTION

WAC 296-78-800 CRANE RAIL STOPS, BUMPERS AND FENDERS. (1) Rail stops shall be provided at both ends of the crane runway and at ends of the crane bridge. When two trolleys are operated on the same bridge rails, bumpers shall be provided to prevent collision of trolleys.

(2) Bumpers and rail stops shall extend at least as high as the centers of the wheel.

(3) Rail stops shall be fastened to the girders or girders and rails, but not to the rails alone. This does not

apply to portable rail stops. Portable rail stops shall not be used as permanent rail stops.

(4) Rail stops shall be built up of plates and angles or be made of cast steel.

(5) Fenders shall be installed which extend below the lowest point of the treads of gantry type crane wheels. They shall be of a shape and form that will tend to push or raise an employee's hand, arm or leg off the rail and away from the wheel.

NEW SECTION

WAC 296-78-805 CRAWLER LOCOMOTIVE AND TRUCK CRANES. Crawler locomotive and truck cranes shall be constructed, maintained, inspected and operated in accordance with the provisions of WAC 296-24-240 through 296-24-24019 of the General Safety and Health Standards.

NEW SECTION

WAC 296-78-810 CHAIN AND ELECTRIC HOISTS. (1) Chain and electric hoists shall be of what is known as "all steel construction." No cast iron shall be used in parts subject to tension except drums, bearings or brake shoes.

(2) The chains shall be made of the best quality steel or iron with welded links.

(3) Chain and electric hoists shall have a factor of safety of at least five.

(4) Chain and electric hoists shall be equipped with a device which will automatically lock the load when hoisting is stopped.

(5) Electric hoists shall be provided with a limit stop to prevent the hoist block from traveling too far in case the operating handle is not released in time.

(6) Workers shall not ride the load of any chain or electric hoist. If necessary to balance the load manually, it shall be done from a safe distance.

(7) The rated capacity of the hoist shall be posted on both the hoist and the jib or rail.

NEW SECTION

WAC 296-78-815 MONORAIL HOISTS. (1) No attempt shall be made with a monorail hoist to lift or move an object by a side pull, unless designed for that purpose.

(2) A stop shall be provided at all switches and turntables which will prevent the trolley from running off should the switch be turned or be left in the open position.

(3) All monorail hoists operating on swivels shall be equipped with one or more safety catches which will support the load should a suspension pin fail. All trolley frames shall be safeguarded against spreading.

(4) Rail stops shall be provided at the ends of crane runways. Such rail stops shall extend at least as high as the centers of the wheels.

(5) All monorail hoists shall have the rated capacity posted on both the hoist and the rail.

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NEW SECTION

WAC 296-78-820 AIR HOISTS. (1) To prevent piston rod lock nuts from becoming loose and allowing rod to drop when supporting a load, lock nut shall be secured to piston rod by a castellated nut and cotter-pin.

(2) A clevis, "D" Strap or other means shall be used to prevent the hoist cylinder becoming detached from the hanger.

(3) All air hoists shall have their rated capacity posted on both the hoist and the jib or rail.

NEW SECTION

WAC 296-78-825 JIB, PILLAR, AND PORTABLE FLOOR CRANES, CRABS, AND WINCHES.

(1) Side pulls shall not be made with jib or pillar cranes. The arm or boom shall be directly over the load when making a lift.

(2) The gears of all cranes shall be enclosed, and if hand operated by means of a crab or winch, a locking dog shall be provided to hold load when the handle is released.

(3) Some form of brake or safety lowering device shall be provided on all crabs, winches, and jib cranes.

(4) A hoist limiting device shall be provided on all jib cranes of ten or more tons capacity.

(5) The rated capacity of the hoisting device shall be posted on the hoist and the arm or boom.

NEW SECTION

WAC 296-78-830 STANDARD CRANE HAND SIGNALS—ILLUSTRATIONS. (1) The following hand signals shall be used for crawler, locomotive, and truck cranes and a copy shall be posted in the cab at the operator's station.

CRAWLER, LOCOMOTIVE, AND TRUCK CRANES

HOIST. With forearm vertical, handfinger pointing up, move hand to point horizontally to clock.	LOWER. With arm extended downward, handfinger pointing down, move hand to point horizontally to clock.	USE MAIN HOIST. Tap fist on head; then use regular signals.	USE WHIPLINE (Auxiliary hoist). Tap elbow with one hand; then use regular signals.	RAISE BOOM. Arm extended, fingers closed, thumb pointing upward.
LOWER BOOM. Arm extended, fingers closed, thumb pointing downward.	MOVE SLOWLY. Use one hand to give any motion signal and place other hand motionless in front of head giving the motion signal. (Finger slowly "shown" on example.)	RAISE THE BOOM AND LOWER THE LOAD. With arm extended, thumb pointing up, but fingers in and out to long load movement to destroy.	LOWER THE BOOM AND RAISE THE LOAD. With arm extended, thumb pointing down, but fingers in and out to long load movement to destroy.	SWING. Arm extended, palm with finger in direction of swing of boom.
STOP. Arm extended, palm down, hold position rigidly.	EMERGENCY STOP. Arm extended, palm down, move hand rapidly right and left.	TRAVEL. Arm extended forward, head open and slightly raised, make pointing motion in direction of travel.	DOG EVERYTHING. Chop hands in front of body.	TRAVEL (Both Tracks). Use both feet in front of body, making a circular motion around each other, indicating direction of travel; forward or backward. (For crawler cranes only.)
TRAVEL (One Track). Back the track on side indicated by raised fist. Travel opposite track in direction indicated by circular motion of other fist, raised vertically in front of body. (For crawler cranes only.)	EXTEND BOOM (Telescoping Booms). Both feet in front of body with thumbs pointing outward.	RETRACT BOOM (Telescoping Booms). Both feet in front of body with thumbs pointing toward each other.	EXTEND BOOM (Telescoping Booms). One Hand Straight Out. One fist in front of chest with thumb tapping chest.	RETRACT BOOM (Telescoping Booms). One Hand Straight Out. One fist in front of chest with thumb tapping chest.

(2) The following hand signals shall be used for overhead and gantry cranes and a copy shall be posted in the cab at the operator's station.

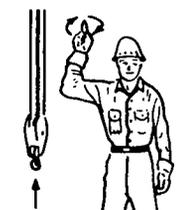
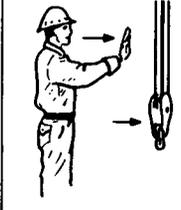
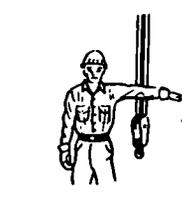
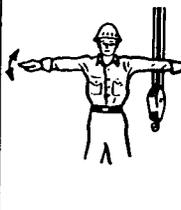
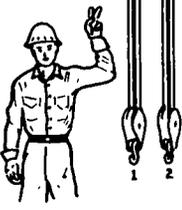
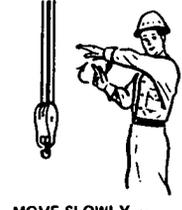
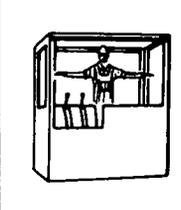
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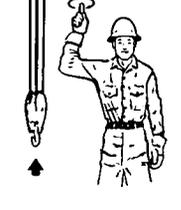
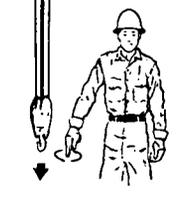
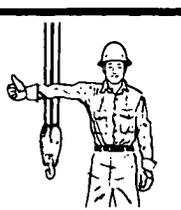
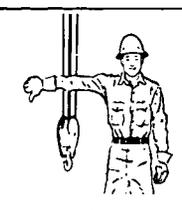
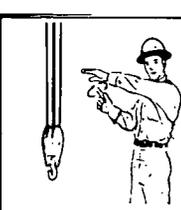
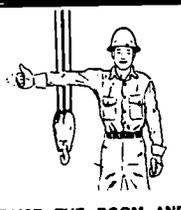
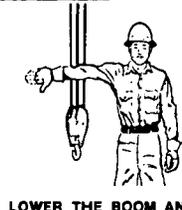
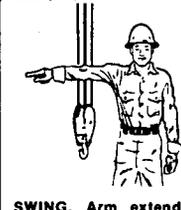
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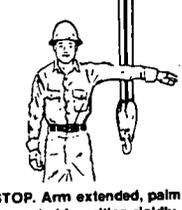
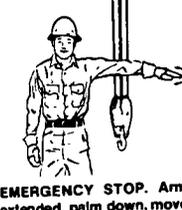
STANDARD HAND SIGNALS FOR CONTROLLING OVERHEAD AND GANTRY CRANES

STANDARD HAND SIGNALS FOR CONTROLLING DERRICKS

 HOIST. With forearm vertical, forefinger pointing up, move hand in small horizontal circle.	 LOWER. With arm extended downward, forefinger pointing down, move hand in small horizontal circles.	 BRIDGE TRAVEL. Arm extended forward, hand open and slightly raised, make pushing motion in direction of travel.
 TROLLEY TRAVEL. Palm up, fingers closed, thumb pointing in direction of motion, jerk hand horizontally.	 STOP. Arm extended, palm down, move arm back and forth.	 EMERGENCY STOP. Both arms extended, palms down, move arms back and forth.
 MULTIPLE TROLLEYS. Hold up one finger for block marked "1" and two fingers for block marked "2". Regular signals follow.	 MOVE SLOWLY. Use one hand to give any motion signal and place other hand motionless in front of hand giving the motion signal. (Hoist slowly shown as example.)	 MAGNET IS DISCONNECTED. Crane operator spreads both hands apart, palms up.

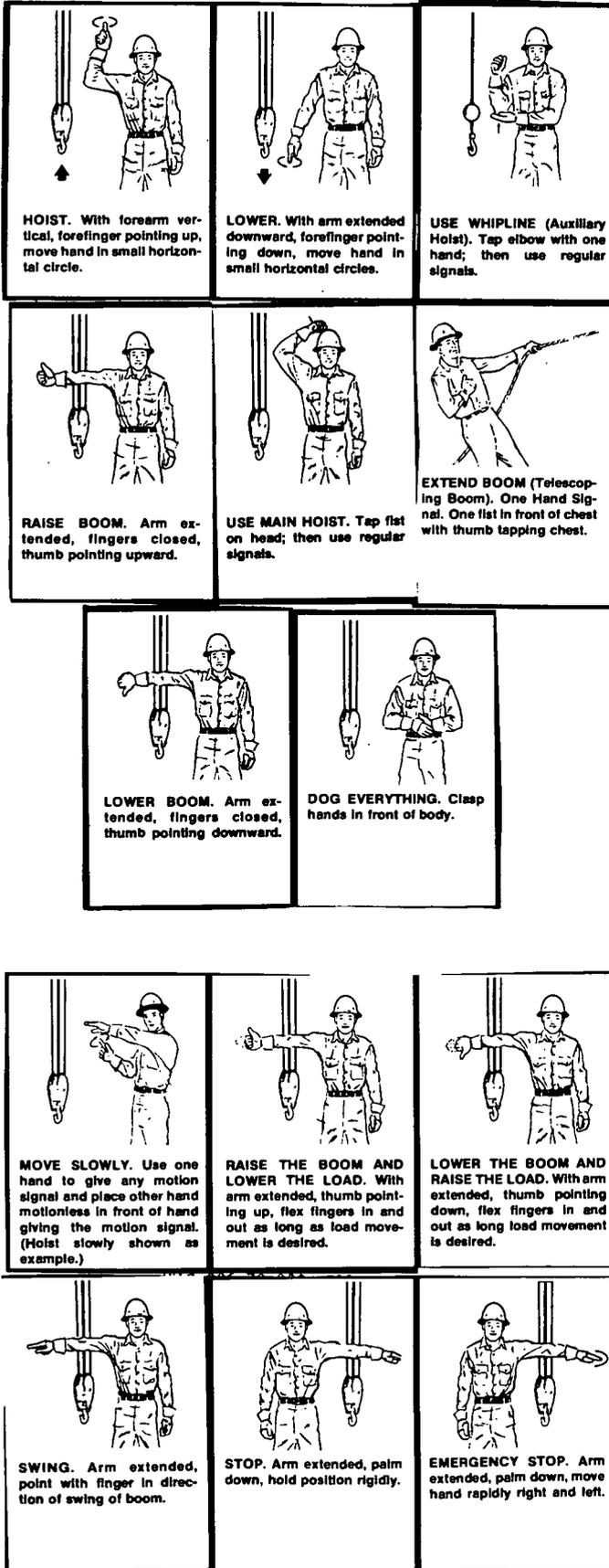
 HOIST. With forearm vertical, forefinger pointing up, move hand in small horizontal circle.	 LOWER. With arm extended downward, forefinger pointing down, move hand in small horizontal circles.	 DOG EVERYTHING. Clasp hands in front of body.
 RAISE BOOM. Arm extended, fingers closed, thumb pointing upward.	 LOWER BOOM. Arm extended, fingers closed, thumb pointing downward.	 MOVE SLOWLY. Use one hand to give any motion signal and place other hand motionless in front of hand giving the motion signal. (Hoist slowly shown as example.)
 RAISE THE BOOM AND LOWER THE LOAD. With arm extended, thumb pointing up, flex fingers in and out as long as load movement is desired.	 LOWER THE BOOM AND RAISE THE LOAD. With arm extended, thumb pointing down, flex fingers in and out as long as load movement is desired.	 SWING. Arm extended, point with finger in direction of swing of boom.

(3) The following hand signals shall be used for derricks and a copy shall be posted in the cab at the operator's station.

 STOP. Arm extended, palm down, hold position rigidly.	 EMERGENCY STOP. Arm extended, palm down, move hand rapidly right and left.
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(4) The following hand signals shall be used for portal, tower, and pillar cranes and a copy shall be posted in the cab at the operator's station.

STANDARD HAND SIGNALS FOR CONTROLLING PORTAL, TOWER AND PILLAR CRANES



NEW SECTION

WAC 296-78-835 VEHICLES. (1) Vehicles.

(a) Scope. Vehicles shall include all mobile equipment normally used in sawmill, planing mill, storage, shipping, and yard operations, including log sorting yards.

(b) Lift trucks. Lift truck shall be designed, constructed, maintained and operated in accordance with the requirements of WAC 296-24-230 through 296-24-23035 of the General Safety and Health Standards.

(c) Carriers. Drive chains on lumber carriers shall be adequately guarded to prevent contact at the pinch points.

(d)(i) Lumber carriers shall be so designed and constructed that the operator's field of vision shall not be unnecessarily restricted.

(ii) Carriers shall be provided with ladders or equivalent means of access to the operator's platform or cab.

(e) Lumber hauling trucks.

(i) On trucks where the normal operating position is ahead of the load in the direction of travel, the cab shall be protected by a barrier at least as high as the cab. The barrier shall be capable of stopping the weight of the load capacity of the vehicle if the vehicle were to be stopped suddenly while traveling at its normal operating speed. The barrier shall be constructed in such a manner that individual pieces of a normal load will not go through openings in the barrier.

(ii) Stakes, stake pockets, racks, tighteners, and binders shall provide a positive means to secure the load against any movement during transit.

(iii) Where rollers are used, at least two shall be equipped with locks which shall be locked when supporting loads during transit.

(2) All vehicles used in a sawmill, lumber yard, factory or other establishment shall be equipped with audible warning signals that shall be maintained in good order at all times.

(3) Flywheels, gears, sprockets and chains and other exposed parts that constitute a hazard to workers shall be enclosed in standard guards.

(4) All vehicles operated after dark or in any area of reduced visibility shall be equipped with head lights which adequately illuminate the direction of travel for the normal operating speed of the vehicle. The vehicle shall also be equipped with tail lights which are visible enough to give sufficient warning to surrounding traffic at the normal traffic operating speed.

(5) All vehicles operated in areas where overhead hazards exist shall be equipped with an overhead guard for the protection of the operator.

(6) Where vehicles are so constructed and operated that there is a possibility of the operator being injured by backing into objects, a platform guard shall be provided and so arranged as not to hinder the exit of the driver.

(7) Trucks, lift trucks and carriers shall not be operated at excessive rates of speed. When operating on tramways or docks more than six feet above the ground or lower level they shall be limited to a speed of not more than twelve miles per hour. When approaching

blind corners they shall be limited to four miles per hour.

(8) Vehicles shall not be routed across principal thoroughfares while employees are going to or from work unless pedestrian lanes are provided.

(a) Railroad tracks and other hazardous crossings shall be plainly posted and traffic control devices (American National Standard D8.1 - 1967 for Railroad-Highway Grade Crossing Protection) should be utilized.

(b) Restricted overhead clearance. All areas of restricted side or overhead clearance shall be plainly marked.

(c) Pickup and unloading points. Pickup and unloading points and paths for lumber packages on conveyors and transfers and other areas where accurate spotting is required, shall be plainly marked and wheel stops provided where necessary.

(d) Aisles, passageways, and roadways. Aisles, passageways, and roadways shall be sufficiently wide to provide safe side clearance. One-way aisles may be used for two-way traffic if suitable turnouts are provided.

(9) Where an operator's vision is impaired by the vehicle or load it is carrying, he shall move only on signal from someone so stationed as to have a clear view in the direction the vehicle is to travel.

(10) Lift trucks shall be equipped, maintained and operated in compliance with the requirements of the General Safety and Health Standard, WAC 296-24-230 through 296-24-23035.

(11) Load limits. No vehicle shall be operated with loads exceeding its safe load capacity.

(12) Vehicles with internal combustion engines shall not be operated in enclosed buildings or buildings with ceilings less than sixteen feet high unless the buildings have ventilation adequate to maintain air quality as required by the General Occupational Health Standard, chapter 296-62 WAC.

(13) Vehicles shall not be refueled while motor is running. Smoking or open flames shall not be allowed in the refueling area.

(14) No employee other than trained operators or mechanics shall start the motor of, or operate any log or lumber handling vehicle.

(15) All vehicles shall be equipped with brakes capable of holding and controlling the vehicle and capacity load upon any grade or incline over which they may operate.

(16) Unloading equipment and facilities.

(a) Machines used for hoisting, unloading, or lowering logs shall be equipped with brakes capable of controlling or holding the maximum load in midair.

(b) The lifting cylinders of all hydraulically operated log handling machines, where the load is lifted by wire rope, shall be equipped with a positive device for preventing the uncontrolled lowering of the load or forks in case of a failure in the hydraulic system.

(c) A limit switch shall be installed on powered log handling machines to prevent the lift arms from traveling too far in the event the control switch is not released in time.

(d) When forklift-type machines are used to load trailers, a means of securing the loading attachment to the fork shall be installed and used.

(e) A-frames and similar log unloading devices shall have adequate height to provide safe clearance for swinging loads and to provide for adequate crotch lines and spreader bar devices.

(f) Log handling machines used to stack logs or lift loads above operator's head shall be equipped with overhead protection.

(g) Unloading devices shall be equipped with a horn or other plainly audible signaling device.

(h) Movement of unloading equipment shall be coordinated by audible or hand signals when operator's vision is impaired or operating in the vicinity of other employees.

Lift trucks regularly used for transporting peeler blocks or cores shall have tusks or a similar type hold down device to prevent the blocks or cores from rolling off the forks.

(17) Where spinners are used on steering wheels, they shall be of the automatic retracting type or shall be built into the wheel in such a manner as not to extend above the plane surface of the wheel. Vehicles equipped with positive antikickback steering are exempted from this requirement.

(18) Mechanical stackers and unstackers shall have all gears, sprockets and chains exposed to the contact of workers, fully enclosed by guards as required by WAC 296-78-710 of this chapter.

(19) Manually operated control switches shall be properly identified and so located as to be readily accessible to the operator. Main control switches shall be so designed that they can be locked in the open position.

(20) Employees shall not stand or walk under loads being lifted or moved. Means shall be provided to positively block the hoisting platform when employees must go beneath the stacker or unstacker hoist.

(21) No person shall ride any lift truck or lumber carrier unless a suitable seat is provided, except for training purposes.

(22) Unstacking machines shall be provided with a stopping device which shall at all times be accessible to at least one employee working on the machine.

(23) Floor of unstacker shall be kept free of broken stickers and other debris. A bin or frame shall be provided to allow for an orderly storage of stickers.

(24) Drags or other approved devices shall be provided to prevent lumber from running down on graders.

(25) Liquefied petroleum gas storage and handling. Storage and handling of liquefied petroleum gas shall be in accordance with the requirements of WAC 296-24-475 through 296-24-47517 of the General Safety and Health Standards.

(26) Flammable liquids. Flammable liquids shall be stored and handled in accordance with WAC 296-24-330 through 296-24-33019 of the General Safety and Health Standards.

(27) Guarding side openings. The hoistway side openings at the top level of the stacker and unstacker shall be protected by enclosures of standard railings.

(28) Guarding hoistway openings. When the hoist platform or top of the load is below the working platform, the hoistway openings shall be guarded.

(29) Guarding lower landing area. The lower landing area of stackers and unstackers shall be guarded by enclosures that prevent entrance to the area or pit below the hoist platform. Entrances should be protected by electrically interlocked gates which, when open, will disconnect the power and set the hoist brakes. When the interlock is not installed, other positive means of protecting the entrance shall be provided.

(30) Lumber lifting devices. Lumber lifting devices on all stackers shall be designed and arranged so as to minimize the possibility of lumber falling from such devices.

(31) Inspection. At the start of each work shift, equipment operators shall inspect the equipment they will use for evidence of failure or incipient failure. Equipment found to have defects which might affect the operating safety shall not be used until the defects are corrected.

(32) Cleaning pits. Safe means of entrance and exit shall be provided to permit cleaning of pits.

(33) Preventing entry to hazardous area. Where the return of trucks from unstacker to stacker is by mechanical power or gravity, adequate signs, warning devices, or barriers shall be erected to prevent entry into the hazardous area.

NEW SECTION

WAC 296-78-840 LOADING, PILING, STORAGE AND CONVEYING.

NEW SECTION

WAC 296-78-84001 LOADING, PILING, STORAGE AND CONVEYING—GENERAL. (1)

Units or loads of lumber built up for transportation by overhead cranes, lift trucks, auto trucks, or manually or mechanically operated transfers shall be provided with at least one set of stickers for each eighteen inches in height of unit or load. One set of stickers shall be not more than six inches from the top of units of lumber up to three inch dimension. Where dimension of material is greater than three inches, a set of stickers shall be placed under the top layer. Stickers shall extend the full width of the package, shall be uniformly spaced, and shall be aligned one above the other. Stickers may be lapped with a minimum overlapping of twelve inches. Stickers shall not protrude more than two inches beyond the sides of the package.

(2) Lumber loading. Loads shall be built and secured to insure stability in transit.

(3) Units or loads of lumber shall not be lifted or moved until all workers are in the clear.

(4) Gradient of roll sets or roll cases over which units of lumber are to be moved shall not exceed three percent. The movement of units shall be under control at all times.

(5) Stacking of lumber in yards, either by units or in block piles, shall be conducted in a safe and orderly manner.

(6) Foundations for piling lumber in yards shall be capable of supporting the maximum applied load without tipping or sagging.

(7) The height of stacked units in storage areas shall not exceed seven of the usual four foot units, subject to the following qualifications:

(a) Units of lumber shall not be stacked more than four high unless two or more stacks of units are tied together with ties.

(b) Long units of lumber shall not be stacked upon shorter packages except where a stable pile can be made with the use of package separators.

(c) In unit package piles, substantial polsters or unit separators shall be placed between each package directly over the stickers.

(8) Wooden horses used for loading preformed loads of lumber shall be of material not less than four by six inches in cross section net measure.

(9) Unstable piles. Piles of lumber which have become unstable shall be immediately made stable or removed.

(10) Lift boards or pallets shall be loaded in such a manner as to prevent material from spilling or the material shall be secured with a binder.

(11) Packing rooms shall be kept free of debris and chutes shall be equipped with a means of slowing down the materials.

(12) Sorting chains shall be provided with a stopping device which shall at all times be readily accessible to at least one employee working on the chain.

(13) The inside of the walkway of all green chains and sorting tables shall be provided with a standard toeboard.

(14) Rollers or other devices shall be provided for removing heavy dimension lumber from the cabin or table.

(15) Roll casings and transfer tables shall be cleaned regularly and shall be kept reasonably free from debris.

(16) In all permanent installations, green chains and sorting tables shall be roofed over to provide protection from inclement weather. Normal work stations shall be provided with a drained work surface which is evenly floored of nonslip material.

(17) Power driven rolls shall be operated in a manner to prevent end collisions.

(18) The space between live rolls shall be filled in on either side of crosswalks with material of structural strength to withstand the load imposed with a four to one safety factor.

(19) The driving mechanism of live rolls shall be guarded wherever exposed to contact.

(20) Live rolls shall be replaced when their surface develops a break or hole.

(21) Guarding. Spiked live rolls shall be guarded.

(22) Ramps or skidways used to transfer lumber or materials from one level to another shall be provided with all safeguards necessary for the protection of workers.

(23) Landings on a lower level where lumber or timbers are discharged over ramps or skidways shall be provided with a solid bumper not less than six inches in height at the outer edge. Such landing shall be maintained in good repair at all times.

(24) Ramps or skidways shall be so arranged that the person putting lumber down shall have a clear view of the lower landing. Lumber or timbers shall not be put down until all workers are in the clear.

(25)(a) The under face of all ramp or skidway landings shall be fenced off or other positive means provided to prevent persons from walking out under dropping timber.

(b) Return strands of sorting table ramp chains shall be supported by troughs of sufficient strength to support the weight of a broken chain.

NEW SECTION

WAC 296-78-84003 CONVEYORS. (1) Construction, operation, and maintenance of conveyors shall be in accordance with American National Standard B20.1 - 1957, Safety Code for Conveyors, Cableways and related equipment.

(2) Conveyor troughs in which the working strands of a conveyor operate shall be of ample dimension and strength to carry a broken chain and shall afford effective protection to all employees.

(3) When the return strand of a conveyor operates within seven feet of the floor there shall be a trough provided of sufficient strength to carry the weight resulting from a broken chain.

(4) When the return strands of a conveyor pass over passageways or work areas such guards shall be placed under them as will effectively protect workers.

(5) When the working strand of a conveyor crosses within three feet of the floor level in passageways, the trough in which it works shall be bridged the full width of the passageway.

(6) Where conveyor, idler pulleys or other equipment is located over or dangerously near burning refuse, any worker going to such location shall use a safety line which shall be securely fastened to his body and tended by a helper.

(7) Conveyors shall be provided with an emergency panic-type stopping device which can be reached by a person in a sitting position on the conveyor. Such device shall be located near the material entrance to each barker, chipper, hog, saw, or similar type of equipment except where the conveyor leading into such equipment is under constant control of an operator who has full view of the material entrance and is located or restrained where he/she cannot possibly fall onto the conveyor. The device shall stop the conveyor a sufficient distance away from the hazard to prevent injury or further injury by the hazard.

(8) Screw or auger type conveyor troughs and boxes shall be equipped with covers. If it is not practical to cover the troughs or boxes, other equivalent type guards shall be provided.

NEW SECTION

WAC 296-78-84005 DRY KILNS. (1) Transfer, kiln and dolly tracks shall be properly maintained at all times and shall have a grade of not more than one and one-fourth percent. Bumpers or stops shall be installed at the ends of all tracks capable of stopping a normal

load for which the track is installed. A means shall be provided for chocking or blocking cars.

(2) Doors.

(a) Main kiln doors. Main kiln doors shall be provided with a method of holding them open while kiln is being loaded.

(b) Counterweights on vertical lift doors shall be boxed or otherwise guarded.

(c) Means shall be provided to firmly secure main doors, when they are disengaged from carriers and hangers, to prevent toppling.

(3) Kilns whose operation requires inside inspection shall be maintained with not less than eighteen inches clearance between loaded cars and the walls of the kiln. The requirements for personal protective equipment specified in WAC 296-24-075 through 296-24-092 shall be complied with.

(4) Kiln loads shall be equipped or arranged for easy attachment and detachment of transfer cables. Means for stopping kiln cars shall be available at all times.

(5) Cars shall not be moved until tracks are clear and workers are out of the bight of transfer lines.

(6) When kiln or dolly loads of lumber are permitted to coast through or adjacent to any work area, audible warning shall be given.

(7) Stickers shall not be allowed to protrude more than two inches from the sides of kiln stacks.

(8) Yards and storage areas shall be kept reasonably free of debris and unnecessary obstruction. Warning signs shall be conspicuously posted wherever there is danger from moving vehicles or equipment.

NEW SECTION

WAC 296-78-84007 CHIPPERS AND LOGS. (1) Chippers. The feed system to the chipper shall be arranged so the operator does not stand in direct line with the chipper spout (hopper). The chipper spout shall be enclosed to a height or distance of not less than forty inches from the floor or the operator's station. A safety belt and lifeline shall be worn by workers when working at or near the spout unless the spout is guarded. The lifeline shall be short enough to prevent workers from falling into the chipper.

(2) Hog mills shall be provided with feed chutes so designed and arranged that from no position on the rim of the chute shall the distance to the knives or feed roll be less than forty inches. Baffles shall be provided which shall effectively prevent material from being thrown from the mill.

(3) Employees feeding hog mills shall be provided with safety belts and lines, which they shall be required to use at all times, unless otherwise protected from any possibility of falling into the mill.

NEW SECTION

WAC 296-78-84009 BINS AND BUNKERS. (1) Bins, bunkers, hoppers, and fuel houses. Guarding. Open bins, bunkers, and hoppers whose upper edges extend less than three feet above working level shall be equipped with standard handrails and toeboards, or have their tops covered by a substantial grill or grating with

openings small enough to prevent a person from falling through.

(2) Fuel hoppers shall be provided with doors that may be remotely operated.

(3) Fuel hoppers shall be provided with platforms with standard railings and adequately lighted for the protection of workers taking out fuel.

(4)(a) Fuel bins shall be provided with an approved railed platform or walkway near the top or other approved means, for the use of employees engaged in dislodging congested fuel. No employee shall enter any fuel bin except where adequately safeguarded.

(b) Recognizing however, the varying designs of fuel storage vaults and the type of fuel handled and certain peculiar local conditions, the adequacy of safety devices shall be determined by a duly authorized representative of the Department of Labor and Industries, Division of Industrial Safety and Health.

(c) During operations when the flow of normal fuel is interrupted but dust from operating sanders is received in the bin, workers shall not enter the fuel bin until the flow of sander dust has been discontinued and the dust has settled.

(d) Use of wheeled equipment to load bins. Where automotive or other wheeled equipment is used to move materials into bins, bunkers, and hoppers, adequate guard rails shall be installed along each side of the runway, and a substantial bumper stop provided when necessary.

NEW SECTION

WAC 296-78-84011 BURNERS. (1) Burners and smoke stacks other than the self-supporting type shall be adequately guyed. Buckle guys shall be installed if burner or stack is more than fifty feet in height.

(2) Runway. The conveyor runway to the burner shall be equipped with a standard handrail. If the runway crosses a roadway or thoroughfare, standard toeboards shall be provided in addition.

WSR 81-18-008

ADOPTED RULES

COMMISSION ON EQUIPMENT

[Order 81-08-02—Filed August 21, 1981]

Be it resolved by the Commission on Equipment, acting at the General Administration Building, Olympia, Washington 98504, that it does promulgate and adopt the annexed rules relating to:

Amd	ch. 204-08 WAC	Practice and procedure.
New	ch. 204-10 WAC	Equipment standards.
Rep	ch. 204-12 WAC	Hydraulic brake fluid.
Rep	ch. 204-16 WAC	Seat belts.
Rep	ch. 204-20 WAC	Motorcycle helmets.
Amd	ch. 204-62 WAC	Deceleration warning light.
New	ch. 204-78 WAC	Standards for motorcycle headlamp modulator.
New	ch. 204-80 WAC	Standards for headlamp flashing systems.
New	ch. 204-84 WAC	Standards for sirens.

This action is taken pursuant to Notice Nos. WSR 81-13-001 and 81-17-001 filed with the code reviser on

June 3, 1981 and August 6, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380 and is intended to administratively implement that statute.

This rule is promulgated under the general rule-making authority of the State Commission on Equipment as authorized in RCW 46.37.005.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED August 11, 1981.

By R. C. Dale
Secretary

AMENDATORY SECTION (Amending Order 7760, filed 7/27/78)

WAC 204-08-100 PROCEDURE FOR OBTAINING APPROVAL OF AUTOMOTIVE EQUIPMENT WITHIN THE SCOPE OF RCW 46.37.005 AND 46.37.320. (1) ~~((Standards for approval:~~

~~(a) The device must meet the current specifications for that device as outlined by the Society of Automotive Engineers in the Society of Automotive Engineers Handbook or as outlined by the American Standards Association.~~

~~(b) Where standards have not been set by either the Society of Automotive Engineers or the American Standards Association the standards shall be those standards set by the commission on equipment in a published commission on equipment regulation.~~

~~(2)) Method for obtaining approval.~~

(a) To obtain approval the petitioner must provide for submission of any lighting device, or other safety equipment, component, or assembly to any recognized organization or agency such as, but not limited to, the Vehicle Equipment Safety Commission, American National Standards Institute, Society of Automotive Engineers, and the American Association of Motor Vehicle Administrators, as the agent of the state commission on equipment, and for the issuance of an approved certificate by that recognized organization or agency to the state commission on equipment.

(b) If any lighting device, or other safety equipment, component, or assembly cannot be submitted to the organization or agency named in the above paragraph (a), then the petitioner must submit to the state commission on equipment the following:

(i) a copy of a test report from a nationally recognized testing laboratory certifying that the device meets the current specifications for that device as prescribed by the commission in ~~((a published commission regulation))~~ chapter 204-10 WAC.

(ii) a sample of the device as marketed when requested by the commission on equipment.

(iii) correspondence, test reports and samples are to be submitted to: Secretary, State Commission on Equipment, Washington State Patrol, General Administration Building AX-12, Olympia, Washington 98504.

((3)) (2) Forms and files of the state commission on equipment. Certificates of approval shall be on forms provided by the secretary of the state commission on equipment and the files of the state commission on equipment shall be kept by the secretary of the state commission on equipment in the offices of the Washington State Patrol.

REPEALER

Chapter 204-12 of the Washington Administrative Code is repealed as follows:

- (1) WAC 204-12-001 PROMULGATION.
- (2) WAC 204-12-010 PURPOSE.
- (3) WAC 204-12-020 STANDARDS.
- (4) WAC 204-12-030 MARKING OF CONTAINERS.
- (5) WAC 204-12-040 FILLING OF REUSE CONTAINERS.
- (6) WAC 204-12-050 APPROVAL PROCEDURE.
- (7) WAC 204-12-060 EFFECTIVE DATE.

Chapter 204-10 WAC
Equipment Standards

NEW SECTION

WAC 204-10-010 PROMULGATION. By authority of RCW 46.37.005 and RCW 46.37.320, the State Commission on Equipment hereby adopts the following rules setting forth standards for motor vehicle equipment for which approval is required in chapter 46.37 RCW.

NEW SECTION

WAC 204-10-020 LIGHTING DEVICES. (1) Federal Motor Vehicle Safety Standard 108 is hereby adopted by reference as the standard for the following lighting devices:

- (a) Headlamps
- (b) Taillamps
- (c) Stoplamps
- (d) License plate lamps
- (e) Turn signal lamps
- (f) Side marker lamps
- (g) Intermediate side marker lamps
- (h) Backup lamps
- (i) Identification lamps
- (j) Clearance lamps
- (k) Parking lamps
- (l) Reflex reflectors
- (m) Intermediate reflex reflectors
- (n) Intermediate side reflex reflectors
- (o) Intermediate side marker reflectors
- (p) Turn signal operating units
- (q) Turn signal flashers
- (r) Vehicular hazard warning signal operating units

(s) Vehicular hazard warning signal flashers
(2) Canadian Standards Association standard D106.2 is hereby adopted by reference as the standard for the following lighting devices:

- (a) Headlamps (quartz-halogen non-sealed beam).
- (i) Motorcycle headlamps may comply with either Federal Motor Vehicle Safety Standard 108 or Canadian Standard D106.2.
- (b) Fog lamps. Fog lamps may comply with either standard D106.2 or SAE Standard J583d as set forth in subsection (3)(a) of this section.
- (3) Society of Automotive Engineers standards are hereby adopted by reference as the standard for the following lighting devices:
 - (a) Fog lamps (SAE J583d)
 - (b) Fog tail lamps (SAE J1319)
 - (c) Auxiliary driving lamps (SAE J581a)
 - (d) Auxiliary low beam lamps (or auxiliary passing lamps) (SAE J582a)
 - (e) Spot lamps (SAE J591b)
 - (f) Cornering lamps (SAE J582b)
 - (g) Supplemental high-mounted stop and rear turn signal lamps (SAE J186a)
 - (h) Side turn signal lamps (SAE J914b)
 - (i) 360 degree emergency warning lamps (SAE J845)
 - (j) Flashing warning lamps for agricultural equipment (SAE J974)
 - (k) Flashing warning lamps for authorized emergency, maintenance, and service vehicles (SAE J595b).
 - (l) Flashing warning lamp for industrial equipment (SAE J96)
 - (m) Warning lamp alternating flashers (J1054)
 - (n) Green lamp for use on volunteer fireman's private vehicle (SAE J595b - flashing warning lamps for authorized emergency, maintenance, and service vehicles.
 - (i) Color of the lens shall be green as that color is described in SAE Standard J578d (Color Specifications for Electric Signal Lighting Devices) rather than red or amber as specified in SAE J595b.
 - (o) Side cowl, fender, or running board courtesy lamps (SAE J575g)
- (4) Standards promulgated by the Commission on Equipment for the following lighting devices shall be as set forth in the Washington Administrative Code chapters as indicated:
 - (a) Deceleration alert lamp system (WAC 204-62)
 - (b) Headlamp modulator (WAC 204-78)
 - (c) Headlamp flashing system (WAC 204-80)
 - (d) School bus warning lamps (WAC 204-74)

NEW SECTION

WAC 204-10-030 BRAKE FLUID. Federal Motor Vehicle Safety Standard 116 is hereby adopted by reference as the standard for brake fluid.

NEW SECTION

WAC 204-10-040 MOTORCYCLE HELMETS. Federal Motor Vehicle Safety Standard 218 is hereby adopted by reference as the standard for motorcycle helmets.

NEW SECTION

WAC 204-10-050 SEAT BELTS. (1) Federal Motor Vehicle Safety Standard 209 is hereby adopted by reference as the standard for seat belt assemblies.

(2) Federal Motor Vehicle Safety Standard 210 is hereby adopted by reference as the standard for seat belt assembly anchorages.

NEW SECTION

WAC 204-10-060 GLAZING MATERIAL. Federal Motor Vehicle Safety Standard 205 is hereby adopted by reference as the standard for glazing materials.

NEW SECTION

WAC 204-10-070 AIR CONDITIONING UNITS. (1) Society of Automotive Engineers Recommended Practice SAE J639 is hereby adopted by reference as the standard for automotive air conditioning units.

(2) Society of Automotive Engineers Standard SAE J51b is hereby adopted by reference as the standard for automotive air conditioning hose.

NEW SECTION

WAC 204-10-080 EMERGENCY REFLEX REFLECTORS. Society of Automotive Engineers Recommended Practice SAE J774c is hereby adopted by reference as the standard for emergency reflex reflector warning devices.

NEW SECTION

WAC 204-10-090 SLOW MOVING VEHICLE EMBLEMS. Society of Automotive Engineers Standard SAE J943a is hereby adopted by reference as the standard for slow moving vehicle identification emblems. Mounting of the emblem shall be as set forth in chapter 204-28 WAC.

NEW SECTION

WAC 204-10-100 TIRE CHAINS. Standards for tire chains shall be as set forth in chapter 204-22 WAC.

NEW SECTION

WAC 204-10-110 TRACTION DEVICES. Standards for traction devices (studs, winter traction tires) shall be as specified in chapter 204-24 WAC.

NEW SECTION

WAC 204-10-120 SIRENS. Standards for sirens shall be as set forth in chapter 204-84 WAC.

NEW SECTION

WAC 204-10-130 TRAILER HITCHES. Standards for trailer hitches shall be as set forth in chapter 204-70 WAC.

NEW SECTION

WAC 204-10-140 MOTORCYCLE GOGGLES, GLASSES, AND FACE SHIELDS. Standards for motorcycle glasses, goggles, and face shields shall be as set forth in chapter 204-52 WAC.

NEW SECTION

WAC 204-10-150 LOAD FASTENING DEVICES. Standards for load fastening devices shall be as specified in chapter 204-44 WAC.

REPEALER

Chapter 204-16 of the Washington Administrative Code is repealed as follows:

- (1) WAC 204-16-001 PROMULGATION.
- (2) WAC 204-16-010 PREVIOUS REGULATION RESCINDED.
- (3) WAC 204-16-020 PURPOSE.
- (4) WAC 204-16-030 STANDARDS.
- (5) WAC 204-16-040 INSTALLATION.
- (6) WAC 204-16-050 APPROVAL PROCEDURE.
- (7) WAC 204-16-060 EFFECTIVE DATE.

REPEALER

Chapter 204-20 of the Washington Administrative Code is repealed as follows:

- (1) WAC 204-20-010 DEFINITIONS.
- (2) WAC 204-20-020 MATERIALS.
- (3) WAC 204-20-030 REQUIRED PROTECTION.
- (4) WAC 204-20-040 TEST SAMPLES.
- (5) WAC 204-20-050 TEST CONDITIONS.
- (6) WAC 204-20-060 IMPACT TEST.
- (7) WAC 204-20-070 PENETRATION TEST.
- (8) WAC 204-20-080 RETAINING SYSTEM TEST.
- (9) WAC 204-20-090 TEST EQUIPMENT.
- (10) WAC 204-20-100 CALIBRATION OF TEST EQUIPMENT.
- (11) WAC 204-20-110 REFLECTOR REQUIREMENTS.
- (12) WAC 204-20-120 IDENTIFICATION REQUIREMENTS.
- (13) WAC 204-20-130 APPROVAL PROCEDURE.
- (14) WAC 204-20-140 ALTERATION OF HELMETS
- (15) WAC 204-20-150 EFFECTIVE DATE.

AMENDATORY SECTION (Amending Order 7609, filed 10/4/76)

WAC 204-62-020 DEFINITION. A deceleration warning light, excluding stop lamps, is a device that indicates to a following driver the ((rate-of)) deceleration of the vehicle ahead.

NEW SECTION

WAC 204-62-040 STANDARDS. Deceleration warning lamp systems may meet the specifications set forth in either WAC 204-62-050 or WAC 204-62-060, but shall meet at least one of those specifications.

NEW SECTION

WAC 204-62-050 REQUIREMENTS AND TEST METHODS FOR A DECELERATION ALERT SYSTEM, TYPE I. (1) A deceleration alert lamp, Category I, is mounted on the rear of the vehicle and has three compartments. The center compartment emits a green light and is energized when the vehicle operator has the accelerator depressed. The two outer compartments emit an amber light and are energized when the operator releases the accelerator and prior to applying pressure to the foot brake pedal. When the amber lights are energized, the green light is deenergized. When pressure is applied to the foot brake pedal, the amber lights are deenergized and the vehicle's stop lamps operate in the normal manner.

(2) The deceleration alert lamp is a three-compartment lamp and only one is allowed on the rear of the vehicle mounted as close as possible to the vertical centerline of the vehicle. Center to center (optical axis) distance between two adjacent compartments should not exceed six inches.

(3) The following sections from SAE J575g standard shall apply: Section B, samples for test; Section C, lamp bulbs; Section D, laboratory facilities; Section E, vibration test; Section F, moisture test; Section G, dust test; Section H, corrosion test; and Section J, photometry.

(a) Plastic material - Any plastic material used in optical parts shall comply with the requirements set forth in SAE J576c.

(b) Color test - The color of the light from the center compartment shall be green and the color of the light from the two outer compartments shall be amber. See SAE Standard J578d for color chromaticity boundaries.

(4) Photometric requirements - All beam candlepower measurements shall be made with the H-V axis taken as paralleled to the longitudinal axis of the vehicle. The candlepower measurements for the center green compartment shall be made with the incandescent filament of the lamp at least ten feet from the photometric screen.

Beam candlepower measurements of the two amber compartments shall be made by either of the following methods:

(a) The two compartments may be photometered together provided that a line from the optical axis (filament centers) of each compartment to the center of the photometer sensing device does not make an angle of more than 0.6° with the photometer (H-V) axis.

(b) Each compartment may be photometered separately by aligning its axis with the photometer and adding the value at each test point.

Table 1 lists the design candlepower requirements for the two outer amber lights, and Table 2 lists the design candlepower requirements for the center green light.

Table 1

Minimum Design Candlepower Requirements for Amber Light	
Test Points	Candlepower
10 up 10L and V	25
10 down 10R	25
20L	25
10L	65
5 up 5L and V	85
5 down 5R	125
10R	85
20R	65
20L	25
10L	75
5L	125
H-V	175
5R	125
10R	75
20R	25
Maximum	450

Table 2

Minimum Design Candlepower Requirements for Green Light	
Test Points	Candlepower
10 up 10L and V	1
10 down 10R	1
20L	1
10L	2
5 up 5L and V	4
5 down 5R	4
10R	2
20R	1
20L	2
10L	3
5L	5
H-V	5
5R	5
10R	3
20R	2
Maximum	45

(5) Mounting. Deceleration lamps shall be mounted at a height of not more than 72 inches nor less than 15 inches.

NEW SECTION

WAC 204-62-060 REQUIREMENTS AND TEST METHODS FOR A DECELERATION ALERT SYSTEM, TYPE II. (1) Operating requirements. Deceleration alert systems shall meet the following operating requirements:

(a) Function. The system shall operate so as to indicate a component of deceleration of the vehicle on which it is installed by varying the flashing rate of a yellow lamp when the service brakes are applied.

(b) Reduced nighttime brightness. The system shall incorporate an automatic means for reducing the intensity of the lamp during darkness. The system shall cause the voltage to the deceleration lamps to decrease to 5.0 V + 10% at 0 g deceleration during darkness. The specified voltage shall be reached when the illumination on the sensor is not more than 5 lm/sq. ft., nor less than 0.5 lm/sq. ft.

(2) Deceleration performance. The output voltage, duty cycle, and flash rate of the control unit as a temperature of 24° + 5.5° C (75° + 10° F), when 12.8 V dc is applied to the input terminal, shall be as shown in Table I when the control sensor is placed on a tilt table and slightly vibrated as the table is slowly rotated through the angles representing the specified vehicle deceleration rates.

TABLE I. Test Requirements for Deceleration Lamps

Deceleration (g)	Output (V)	Peak Relative Brightness	Flash Rate (Hz)	On Time (%)
0.0	7.0	1.0	1.0	50
0.1	—	1.0	1.5	48
0.2	—	1.0	2.3	46
0.3	—	1.2	3.4	44
0.4	—	1.4	5.0	42

TABLE I. Test Requirements for Deceleration Lamps

Deceleration (g)	Output (V)	Peak Relative Brightness	Flash Rate (Hz)	On Time (%)
0.5	—	1.7	7.6	40

(a) Deceleration. The deceleration at which the unit switches from a lower to a higher flash rate shall be within ± 0.05 g of the rate specified in Table I. If the unit operates at more steps than the required minimum, the additional values for each column shall lie on the smooth curve connecting the indicated values within the specified tolerances. The values specified in Table II apply to ramp-type inertial sensors for which the downward angles correspond to the deceleration and a tolerance of 3.0° applies to the tilt angle.

TABLE II. Test Requirements for Deceleration Sensors

Deceleration (g)	DEGREES		
	Forward Tilt Angle	Dip Correction	Corrected Tilt Angle
0.0	0.0	0.0	0.0
0.1	5.7	0.8	6.5
0.2	11.3	1.6	12.9
0.3	16.7	2.4	19.1
0.4	21.8	3.2	25.0
0.5	26.6	4.0	30.6

(b) Output voltage. The rms output voltage during the on portion of the flash cycle at the 1 HZ flash rate shall be within $\pm 5\%$ of the specified value, measured at the lamp bulbs with daytime illumination on the automatic darkness sensor.

(c) Relative brightness. With the brightness of the lamp or its bulbs taken as 1.0 when measured with the rms output voltage specified for 0 g deceleration, the relative brightness of the lamp or bulbs at the other decelerations shall be within $\pm 25\%$ of the specified values after the fifth flash.

(d) Flash rate and percent on time. The flash rate shall be within $\pm 15\%$ of the specified value. The percent on time shall be within $\pm 10\%$ of the specified value.

(e) Correction for front end dip. Control sensors for vehicles with substantial front end dip upon braking, such as passenger vehicles and pickup trucks, shall have linear dip corrections varying from 4° at 0.5 g or more deceleration to 0° at 0 g.

(3) Mechanical test requirements. Deceleration lamps shall comply with the following mechanical tests in SAE Standard J575g (tests for motor vehicle lighting devices and components): Corrosion, dust, moisture, vibration, and warpage (at a flashing rate of 1 Hz when a plastic lens or housing is used).

(4) Temperature test requirements. The control system shall meet the following requirements at both 11 V and 15 V.

(a) Low temperature test. The control system shall be placed in its normal operating position in a circulating air cabinet at $-32^\circ \pm 3^\circ$ C ($-25^\circ \pm 5^\circ$ F) for 2 hours.

At the end of that period and while still at that temperature, the unit shall meet the requirements in Table I at 0 g and 0.3 g.

(b) High temperature test. The control system shall be placed in its normal operating position in a circulating air cabinet at $74^\circ + 0^\circ, -2.8^\circ$ C ($165^\circ + 0^\circ, -5^\circ$ F) for 2 hours. At the end of that period and while still at that temperature, the unit shall meet the requirements in Table I at 0 g and 0.3 g.

(5) Durability test. The control system shall be operated continuously at a supply voltage of 12.8 V dc for 200 hours with no failure (except bulb replacement), after which it shall meet the requirements in Table I at 0 g and 0.3 g.

(b) Photometric test requirements. The luminous intensity of a deceleration lamp with the bulbs operated at mean spherical candela shall meet the photometric requirements in Table III after the sample has been mechanically tested in the order shown in subsection (3) of this section.

Table III. Photometric Requirements for Deceleration Signal Lamps

Test Point	Coordinates		Max Cd		Min Cd	
	Vertical	Horizontal	Amber	Red	Amber	Red
10U		10L	70	35	25	12.5
		V	200	100	60	30
		10R	70	35	25	12.5
5U		20L	40	20	15	7.5
		10L	200	100	60	30
		5L	600	300	200	100
		V	800	400	350	175
		5R	600	300	200	100
		10R	200	100	60	30
		20R	40	20	15	7.5
H		20L	40	20	15	7.5
		10L	200	100	60	30
		5L	800	400	350	175
		V	1,300	650	600	300
		5R	800	400	350	175
		10R	200	100	60	30
		20R	40	20	15	7.5
5D		20L	40	20	15	7.5
		10L	200	200	60	30
		5L	600	300	200	100
		V	800	400	350	175
		5R	600	300	200	100
		10R	200	100	60	30
		20R	40	20	15	7.5
10D		10L	70	35	25	12.5
		V	200	100	60	30
		10R	70	35	25	12.5

Reviser's Note: Errors of punctuation or spelling in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

Chapter 204-78 WAC
Standards for Motorcycle Headlamp Modulator

NEW SECTION

WAC 204-78-010 PROMULGATION. By authority of RCW 46.37.005 and RCW 46.37.320, the

State Commission on Equipment hereby adopts the following standards for motorcycle electronic headlamp modulators.

NEW SECTION

WAC 204-78-020 SCOPE. This standard shall apply only to electronic headlamp modulators for use on motorcycles and motor-driven cycles.

NEW SECTION

WAC 204-78-030 DEFINITIONS. (1) "Electronic light modulation" means the periodic change in intensity of light, controlled by an all electric modulating device in the electrical circuit of the lighting system.

(2) "Percent modulation" equals time-weighted power input with modulation to headlamp divided by time weighted power input without modulation to headlamp times one hundred.

(3) "Electronic modulation" means using one hundred percent electronic circuitry instead of mechanical metallic switches.

NEW SECTION

WAC 204-78-040 LOCATION OF LIGHT MODULATOR. (1) Electrical. The modulator shall be inserted in the high beam headlight circuit on motorcycles between the high beam hand switch and high beam filament in the lamp.

(2) Physical. The modulator shall be located on a frame bar or other substantial structure number, easily accessible to the operator for quick access to a by-pass switch. The device should be air cooled, if necessary.

(3) Safety redundancy. The low beam headlight circuit should be unaltered and used as backup in case of modulator malfunction.

NEW SECTION

WAC 204-78-050 PARAMETER SPECIFICATIONS FOR LIGHT MODULATORS. (1) The modulator shall be designed to continuously operate 60 watt headlamps.

(2) The modulator shall have an electrical bypass switch rated at 6 amps, 12.8 volts.

(3) Provisions shall be made to change modulation amplitude:

(a) Daytime - modulation depth should be at least 50% but not more than 80%.

(b) Nighttime - not more than 20% modulation.

(c) At no time while the light modulator is being used should the percent modulation become 100. This condition switches off the light intermittently and leads to premature filament failure.

(4) All innerconnecting wire should be No. 16 AWG stranded copper.

(5) The light modulator should be capable of operating over a voltage range of from 8 to 14 volts with no discernible change in its operating characteristics other than in headlamp brightness.

(6) Potentially dangerous voltages, i.e., above 50 volts should not be used in the light modulator.

(7) The modulator should operate within a frequency band of one cycle every two seconds to not more than four times per second.

(8) The units should be sealed to prevent water intrusion.

(9) The modulator should be designed to withstand intense vibration at 130° F.

(10) No changes shall be made to render ineffective Motor Vehicle Safety Standard 108.

Reviser's Note: Errors of punctuation or spelling in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

Chapter 204-80 WAC Standards for Headlamp Flashing Systems

NEW SECTION

WAC 204-80-010 PROMULGATION. By authority of RCW 46.37.005, RCW 46.37.280, and RCW 46.37.310, the State Commission on Equipment hereby adopts the following standards for headlamp flashing systems.

NEW SECTION

WAC 204-80-020 SCOPE. This standard applies to headlamp flashing systems for authorized emergency vehicles owned and operated by law enforcement agencies and fire departments.

NEW SECTION

WAC 204-80-030 DEFINITIONS. (1) "Headlamp flashing system" is an automatic means for controlling the high beams from the headlamps so that they can be alternately flashed in sequence on opposite sides of the front of the vehicle as a warning signal.

NEW SECTION

WAC 204-80-040 OPERATING UNIT. The operating unit shall have a circuit that alternately flashes only the high beams from the headlamps at a rate of 60 to 120 flashes per minute per side. The device shall be so designed that any failure to flash the lamps will not result in failure of the headlamp system to operate normally. The design of the device shall also incorporate an override feature which shall stop the flashing and provide full illumination from both high beam headlamps when the dimmer switch is in the high-beam mode.

NEW SECTION

WAC 204-80-050 INDICATOR LAMP. An indicator lamp shall be included in the circuit to give a visible and unmistakable indication to the driver that the system is turned on.

Chapter 204-84 WAC
Standards for Sirens

NEW SECTION

WAC 204-84-010 PROMULGATION. By authority of RCW 46.37.194 and RCW 46.37.380, the State Commission on Equipment hereby adopts the following standards for sirens.

NEW SECTION

WAC 204-84-020 SCOPE. This chapter shall apply to sirens or other emergency vehicle sound warning devices required to be approved by RCW 46.37.194 and RCW 46.37.380.

NEW SECTION

WAC 204-84-030 DEFINITIONS. The following definitions shall apply wherever the terms are used in this article:

(1) Siren. A "siren" is a device that produces the readily recognizable warning sound identified with emergency vehicles.

(2) Electromechanical siren. An "electromechanical siren" is an audible warning device incorporating a stator and rotor driven by an electric motor.

(3) Electronic siren. An "electronic siren" is an audible warning device incorporating an oscillator, amplifier, and speaker.

(4) Mechanical siren. A "mechanical siren" is an audible warning device incorporating a stator and rotor driven by a mechanical connection to a moving part of the vehicle or engine.

(5) Manual. "Manual" means a siren control that allows the operator to produce a wailing sound by alternately applying and releasing a momentary contact switch.

(6) Wail. "Wail" means a siren control that, when manually activated, causes the device to produce a slow, continuous automatic cycling of increasing and decreasing frequencies.

(7) Yelp. "Yelp" means a siren control that, when manually activated, causes the device to produce a rapid, continuous automatic cycling of increasing and decreasing frequencies.

(8) "Hi-Lo" means a siren control that, when manually activated, causes the device to produce a sound that automatically alternates between a fixed high and a fixed low frequency.

(9) ANSI. "ANSI" means a standard adopted by the American National Standards Institute, Inc.

(10) SAE. "SAE" means a standard or recommended practice of the Society of Automotive Engineers.

NEW SECTION

WAC 204-84-040 IDENTIFICATION MARKINGS. Sirens and components shall be marked as follows:

(1) Siren markings. Each siren shall be permanently marked with the manufacturer's or vendor's name, initials, or lettered trademark and the model designation in

letters and numerals at least 3mm (0.12 inches) in height.

(2) Component markings. Each major component of an electronic siren, including the speaker, speaker driver, amplifier, and control panel (if separate from the amplifier), and each mechanical and electromechanical siren shall contain the required markings.

(3) Driver markings. Speaker drivers for electronic sirens shall be marked to include the rms wattage in addition to those required in subsection (1) above.

(4) Visibility of markings. Required siren markings, except those on the speaker driver and on speakers mounted within approved warning lamp housings, shall be clearly visible when the siren is installed on a vehicle. Amplifier markings may be on the front, top, sides, or bottom of the case provided they are in a location where they are legible to a person inspecting the component without using mirrors or removing the component when it is installed in a vehicle.

(5) Permanence of markings. Required identification markings shall be molded, etched, embossed, stamped, engraved, or printed with epoxy paint or screening ink on the device or on a metal label of substantial thickness permanently affixed to the device by welding or metal fasteners. Speaker driver markings may be of indelible ink or nonepoxy paint when protected by coverings or they may be stamped on a metal plate attached by a screw.

NEW SECTION

WAC 204-84-050 INSTRUMENTATION FOR TESTING. Equipment used to test sirens shall meet the following requirements:

(1) Sound measuring system. The sound measuring system shall meet the requirements of SAE J184, July 1972.

(2) Octave band analyzer. The octave band analyzer shall meet the requirements of ANSI S1.11-1966.

(3) Turntable. The turntable shall have a diameter of at least 300 mm (12 inches) and shall operate at a constant speed.

(4) Test fixture. The fixture used for electromechanical and electronic siren tests shall be a rigid tripod 1.20 m \pm 50 mm (4 feet \pm 2 inches) in height, constructed of 13mm (0.5 inches) tubular material, mounted on a turntable, and fitted with a 300mm (12-inch) square platform.

(5) Wattmeter. The wattmeter for measuring amplifier output shall be a Weston Model 310 Form 3, or equal, with a frequency range from dc to 1600 Hz, field ratings of 10 A and 62.5 V, a scale range of 250 W, and 1% accuracy.

(6) Weather measuring instruments. In the open field, instruments for measuring wind direction and speed, relative humidity, and temperature shall be used and shall be mounted behind and at approximately the same height as the siren.

NEW SECTION

WAC 204-84-060 TESTING SITES. Sites for laboratory or field tests of sirens shall comply with the following requirements:

- (1) Laboratory tests. A laboratory test site shall consist of an anechoic chamber that meets the requirements of ANS S1.13-1971.
- (2) Open field tests. An open field test site for mechanical siren testing shall consist of a flat paved area at least 15m (49 feet) in diameter and free of large vertical sound-reflecting surfaces within 15m (49 feet) of the microphone and siren except for the test vehicle.

NEW SECTION

WAC 204-84-070 MICROPHONE AND PERSONNEL STATIONS. Sound level meter microphones and technicians shall be stationed as follows:

- (1) Microphone location. The microphone used for testing an electromechanical or electronic siren shall be located $3.00m \pm 6mm$ (9.8 feet \pm 0.24 inches) from the edge of the siren horn or projector, in line with the siren axis, and at the same height as the siren. The microphone used for testing a mechanical siren shall be located $1.20m \pm 50mm$ (4 feet \pm 2 inches) above the test surface and $3.00m \pm 6mm$ (9.8 feet \pm 0.24 inches) from the nearest part of the siren.
- (2) Microphone orientation. The microphone shall be oriented in relation to the sound source in accordance with the instrument manufacturer's instructions. If the instruction manual does not include adequate information, a specific recommendation shall be obtained from the manufacturer.
- (3) Personnel location. During laboratory tests, technicians and observers shall remain outside the anechoic chamber. During field tests, persons other than the operator of the vehicle shall be positioned no closer than 3m (10 feet) from the microphone or the siren.

NEW SECTION

WAC 204-84-080 SIREN TEST PROCEDURES. The following procedures shall be followed while testing sirens for approval:

- (1) Mounting of test sample. Mechanical sirens shall be mounted on a vehicle for open field testing. An electromechanical siren or electronic siren speaker assembly shall be mounted on the test fixture secured to a turntable, as follows:
 - (a) Height above turntable. The height of the electromechanical siren or electronic siren speaker measured from the lower edge of the siren stator housing or from the lower edge of the speaker bell to the face of the turntable shall be $1.2m \pm 76mm$ (4 feet \pm 3 inches).
 - (b) Distance from surface of test area. Sirens shall be located as far from the walls of the anechoic chamber as practicable.
- (2) Power supply. The electrical power supply for testing electromechanical and electronic sirens shall be as follows:
 - (a) Electromechanical sirens. The power supply for the electromechanical siren under test shall be a battery

of the correct rated voltage with a cold cranking performance rating at $-18^{\circ}C$ ($0^{\circ}F$) of from 550 A 50 620 A and a rated minimum reserve capacity at $26.7^{\circ}C$ ($80^{\circ}F$) of 140 min. The battery shall be at full charge and in good condition at the start of the test.

(b) Electronic sirens. The power supply for electronic sirens shall be a well-filtered, voltage-regulated power source meeting at least the requirements of SAE J823c, January 1975. The voltage measured at the power supply output terminals with the siren operating shall be as follows:

Rated Voltage	Test Voltage For Sound Level	Test Voltage For Wattage
6	6.5	7.2
12	13.6	15.0

(3) Sound level meter operation. The sound level meter shall be operated in accordance with the instrument manufacturer's instructions and as follows:

- (a) Sound level meter setting. The sound level meter shall be set for the A-weighted network and fast response.
- (b) Octave band analyzer. The octave band analyzer shall be operated to determine the octave band containing the maximum sound output in each siren mode.
- (c) Calibration check. An external calibration check shall be made before and after each period of use and at intervals not exceeding 2 hours when the sound measuring instrument is used for a period longer than 2 hours.
- (d) Ambient sound. Measurements shall be made only when the A-weighted ambient sound level, including wind effects and all other sound sources, is at least 10 dB(A) lower than the sound level of the siren.

(4) Siren operation. The mounted siren shall be operated to determine the sound level output under each function at the established test points as follows:

- (a) Electromechanical and electronic siren speakers shall be rotated from at least 50 degrees left to 50 degrees right of the center of the siren axis at a constant speed during the siren operation.
- (b) Mechanical sirens shall be tested when mounted on a stationary vehicle and operated at speeds equivalent to a road speed of 30 to 80 km/hour (19-50 mph) to determine maximum noise output straight ahead of the vehicle (the vehicle may be mounted on rollers). The speed at which maximum sound level occurs shall be continued while the microphone is moved from 50 degrees left to 50 degrees right of the center of the vehicle axis.

NEW SECTION

WAC 204-84-090 SIREN REQUIREMENTS. Sirens shall be approved only when they comply with the following requirements:

- (1) Sound level output. Two classes of sirens, A and B, are established based on the recorded A-weighted sound level output of the test sample measured at 0 degrees on the siren or speaker axis, and at 10-degree increments from 50 degrees left to 50 degrees right of the center of the siren axis. The sound level output from the siren shall not be less than the value shown at each test

point in Table I for the class of siren. The sound level of electronic sirens shall be measured after the siren is operated for one minute.

TABLE I. Minimum A-Weighted Sound Level at 3.0m (10.0 feet)

Rotation Degree	Class A Siren	Class B Siren
0	120	115
10	119	114
20	118	113
30	117	112
40	115	110
50	113	108

(2) Sound level determination. Sound level shall be recorded as the steady state level reached under manual control and the average level reached by the major peaks for wail and yelp. The lowest of the recorded sound levels of the manual, wail, or yelp function shall determine the siren class.

(3) Frequency requirements. The maximum sound level in the axis of the siren shall occur in either the 1000 or 2000 Hz octave bands.

(4) Electronic siren wattage. The wattage delivered to speakers of electronic sirens, shall not exceed the following requirements when tested at the voltages specified in WAC 204-84-080(2).

(a) At the voltage specified for sound level tests, the wattage shall not exceed the rating of the driver after one minute and before three minutes of operation. The meter shall be inserted in the line between the amplifier and the speaker at the amplifier terminals.

(b) At the voltage specified for wattage tests, the wattage shall not exceed 105% of the rating of the driver when measured after ten minutes of operation. Measurements shall be taken using the following sequence: manual, wail, and yelp.

(c) The wattage recorded for wail and yelp shall be the mathematical average of the high and low readings as the signal varies.

(5) Siren functions. Electronic sirens approved by the department shall have a wail function and may also have manual, yelp, and Hi-Lo functions. No other function is permitted, except for voice communication, on sirens approved or reapproved after January 1, 1978. The sound produced by the siren shall meet the following requirements:

(a) The wail function shall have an automatic undulating pitch rate of not less than ten nor more than 30.0 oscillations per minute. The wail sound level, measured on the center of the siren axis, shall drop no more than 10 dB (A) per cycle below the required values in Table I.

(b) Electronic sirens approved or reapproved after January 1, 1978, which include a manual function shall incorporate a manual momentary contact switch which allows the vehicle operator to momentarily override the descending sound pattern of the automatic cycle when the control is set to "wail" and which can be used to produce a manually-cycled wail when the control is set at "manual."

(c) The yelp function shall have an automatic undulating pitch rate of not less than 150 nor more than

250 oscillations per minute, except for sirens approved prior to July 1, 1975.

(6) Siren control markings. Electronic siren controls shall be marked to indicate each siren function by the words "Manual," "Wail," "Yelp," and "Hi-Lo," spelled out or abbreviated.

NEW SECTION

WAC 204-84-100 MOUNTING REQUIREMENTS. Unless the test report includes justification for alternate mounting methods, sirens and speakers installed on authorized emergency vehicles shall be mounted as follows:

(1) Electromechanical and mechanical sirens.

(a) Class A sirens. Class A electromechanical and mechanical sirens shall be mounted outside, behind the grille, or under the hood.

(b) Class B sirens. Class B electromechanical and mechanical sirens shall be mounted outside or between the grille and the radiator.

(2) Electronic sirens.

(a) Class A and Class B electronic sirens installed after January 1, 1976, shall be mounted outside or with the horn opening facing forward ahead of the radiator with a relative open path for the sound to project forward. The horn axis shall be parallel to the road and vehicle centerline.

(b) Dual speakers. Dual speakers for electronic sirens shall be connected in phase and mounted so that the speaker axis is parallel to the vehicle centerline or angled outward not more than ten degrees to each side.

**WSR 81-18-045
ADOPTED RULES
DEPARTMENT OF
SOCIAL AND HEALTH SERVICES
(Public Assistance)**

[Order 1697—Filed August 28, 1981]

I, David A. Hogan, Director, Division of Administration of the Department of Social and Health Services, do promulgate and adopt at Olympia, Washington, the annexed rules relating to chore services, amending chapter 388-15 WAC.

This action is taken pursuant to Notice No. WSR 81-15-010 filed with the code reviser on July 6, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Department of Social and Health Services as authorized in RCW 74.08.090.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED August 28, 1981.

By David A. Hogan
Director, Division of Administration

AMENDATORY SECTION (Amending Order 1645, filed 4/27/81)

WAC 388-15-020 ELIGIBLE PERSONS. (1) Individuals eligible for services are:

(a) Recipients of aid to families with dependent children (AFDC recipients).

(b) Individuals whose needs were taken into account in determining the needs of AFDC recipients.

(c) Recipients of supplemental security income or state supplementary payments related to age, blindness or permanent and total disability.

(d) Recipients of federal aid medical care only categorically related to Title XVI supplemental security income or AFDC, provided gross family income does not exceed eighty percent of the state median gross income for a family of four, adjusted for family size.

(e) Any individual or family regardless of age, blindness or disability, whose gross family income does not exceed eighty percent of the state median income for a family of four, adjusted for family size, except that:

(i) No individual or family is eligible for family planning or alcoholism services whose gross family income is in excess of fifty percent of the state median income for a family of four, adjusted for family size.

(ii) No individual or family is eligible on a group basis for developmental disabilities, case services, developmental disabilities home-aid resources, developmental disabilities developmental centers or extended sheltered employment unless at least seventy-five percent of persons given these services are members of families whose gross monthly income do not exceed ninety percent of the state median income, adjusted for family size.

(iii) Information and referral services, services to children in ~~((their))~~ the children's own home or protective service may be given to any individual regardless of the level of gross family income. Child protective services are provided without charge. Where ancillary services such as homemaker services are an integral but subordinate part of a protective service plan for children or adults, ~~((they))~~ the services may be provided without regard to the level of gross family income. Chore services can be provided for a maximum of ninety days during any twelve-month period as an integral but subordinate part of an adult protective services plan.

~~((iv)) No individual or family is eligible for chore services who is not an adult recipient of supplemental security income and/or state supplementation or who has income above the state standards for supplemental security income and state supplementation.~~

~~Clients receiving chore services (income eligibility determined, client review questionnaire administered, and hours authorized) as of February 28, 1981, but who are not recipients of supplemental security income and/or state supplementation and have gross income, adjusted for family size, above the state standards for supplemental security income and state supplementation will have their services terminated or reduced as follows:~~

~~(A) Those clients who received nine or less hours during January, 1981, will be terminated.~~

~~(B) Those clients who received more than nine hours will be provided five less hours in March, 1981, than~~

~~what was provided in January, 1981, and nine less hours in April, 1981, than what was provided in January, 1981. The reduced April, 1981, level will be continued for a length of time determined by the department.~~

~~(C) Those clients who received no hours or fewer hours in January, 1981, than would have regularly been provided because of hospitalization, temporarily in a nursing home, no chore provider available, authorized after the beginning of the month, started receiving service after the beginning of the month, authorized an increase or decrease in hours after the beginning of the month, will have their hours reduced or be terminated by reducing hours from the service provided in February, 1981, or be determined by the department.~~

~~Clients receiving chore services as of February 28, 1981, whose gross family income is in excess of fifty percent of the state median income for a family of four, adjusted for family size, or fifty-seven percent of the state median income adjusted for family size for a single person, are not eligible to receive chore services.~~

~~Clients receiving attendant care services from the bureau of community and residential care as of February 28, 1981, (income eligibility determined, client review questionnaire administered, and monthly rate authorized) will continue to receive service through June 30, 1981, or until such time as gross family income is in excess of fifty percent of the state median income for a family of four, adjusted for family size or fifty-seven percent of the state median income adjusted for family size for a single person.))~~

(2) Gross median income for a family of four in the state of Washington effective October 1, 1980, is twenty-one thousand four hundred ninety-four dollars. Eighty percent = seventeen thousand one hundred ninety-five dollars.

(a) Income tables for eighty percent gross median income:

Number in Family	Monthly Income	Annual Income
1	\$745	\$8,942
2	974	11,693
3	1,204	14,444
4	1,433	17,195
5	1,662	19,946
6	1,892	22,698

~~((b)) Income tables for fifty-seven percent gross median income, one-person family only:~~

Family Size	Monthly Income	Annual Income
1	531	6,370))

~~((c)) (b) Income table for fifty-two percent gross median income:~~

Family Size	Monthly Income	Annual Income
1	\$484	\$5,812
2	(((\$))633	(((\$))7,600
3	782	9,389
4	931	11,177
5	1,080	12,965
6	1,229	14,753

~~((d))~~ (c) Income tables for fifty percent gross median income:

Family Size	Monthly Income	Annual Income
1	\$466	\$5,588
2	609	7,308
3	752	9,027
4	896	10,747
5	1,039	12,467
6	1,182	14,186

~~((e))~~ (d) Income tables for thirty-eight percent gross median income:

Family Size	Monthly Income	Annual Income
1	\$354	\$4,247
2	463	5,554
3	572	6,861
4	681	8,168
5	790	9,475
6	898	10,781

~~((f))~~ (e) See WAC 388-29-100 for grant standards.

(3) Family means two or more persons related by blood, marriage or adoption, residing in the same household, and may include a dependent residing in a separate household for whom support is paid.

(a) Husband and wife are considered a two-person family.

(b) Related adults residing together, other than spouses, are each considered a separate family.

(c) An individual living alone or only with unrelated persons is considered a one-person family. An individual living alone or with unrelated persons may include in ~~(his/her)~~ his or her application a dependent living in a separate household for whom support is paid.

(d) A child living with legally nonresponsible relatives, a minor living independently, and a child living under the care of unrelated persons are also considered one-person families.

(e) A school-age parent residing in parent's home with child is considered a separate family unit for purpose of determining family income.

(4) Persons applying to provide day care or foster care facilities or a person or persons applying to adopt a child are resources to our primary client, the child. Financial eligibility for these individuals is not required.

(5) Child welfare services may also be provided under Title IV-B of the social security act.

AMENDATORY SECTION (Amending Order 1618, filed 3/4/81)

WAC 388-15-207 CHORE SERVICES FOR ADULTS—LEGAL BASIS—PURPOSE—GOALS.

(1) The legal basis for the chore services program is RCW 74.08.530 through ~~((74.08.560))~~ 74.08.570.

(2) The purpose of the program is ~~(:)~~ to assist eligible persons at risk of being placed in a residential care facility by providing allowable chore services tasks that will allow the eligible persons to remain in or return home whenever possible.

~~((a) To enable the elderly, the chronically ill, the mentally ill, retarded or otherwise disabled adult to remain in or return to his/her own home among familiar surroundings whenever possible.~~

~~(b) To permit an adult to remain at home, or to return home sooner than he/she otherwise could from an institution.~~

~~(c) To keep the family together while the natural homemaker is incapacitated, either in or out of the home:))~~

(3) Goals for chore services for adults and families shall be limited to those specified in WAC 388-15-010(1)(b), (c), and (d). Also see WAC 388-15-010(2).

AMENDATORY SECTION (Amending Order 1652, filed 5/20/81)

WAC 388-15-208 DEFINITIONS. (1) "Chore services" consist of light household tasks and/or personal care, as defined by the department, which eligible persons are unable to do for themselves.

~~((2) "Protective supervision" is a service provided through the chore program when it is dangerous for a client to be left alone. Protective supervision does not include responsibilities that a legal guardian should assume:))~~

~~((3))~~ (2) "Contracted program" denotes that method of hourly chore service delivery where the contractor is responsible for recruiting, supervising, training, and paying the chore provider.

~~((4))~~ (3) "Individual-provider-program" denotes that method of chore service delivery where the client employs and supervises the chore provider. Payment is made to the client, who in turn pays the provider.

(4) "Attendant care" in the chore services program is the service provided to eligible persons who need full-time care, require assistance that cannot be scheduled with personal care tasks, e.g., toileting, ambulation, wheelchair transfer and/or need protective supervision when it is dangerous for a person to be left alone. Protective supervision does not include responsibilities that a legal guardian should assume. Attendant care is authorized a monthly rate payment in the individual-provider-program.

(5) "Hourly care" in the chore services program is the service provided to eligible persons who need assistance that can be scheduled with household and/or personal care tasks. A maximum of one hundred sixteen hours per month per client can be provided. Hourly services do not include attendant care.

~~((5))~~ (6) "Own home" shall mean the individual's present or intended place of residence whether that is in a building rented or owned by the client or in the home of another person. Chore services are provided within the confines of the home property except for essential shopping, ~~((and))~~ errands, and transportation necessary for the completion of authorized tasks. ~~((An adult family home or children's foster home is not considered own home for purposes of the chore program, except as provided in WAC 388-15-215(2):))~~

~~((6))~~ (7) The "Client Review Questionnaire" is an adult assessment form which determines the amount and type of chore services to be provided. The form is used by department staff to identify, document, and score the allowable chore service needs of all eligible persons.

~~((7))~~ (8) The "CRQ Authorization Ceiling Chart" indicates the maximum number of hours that can be authorized for a client's score.

~~((8))~~ (9) "Personal care" shall mean such tasks as meal preparation, dressing/undressing, care of appearance, body care, bed transfer, ambulation, wheelchair transfer, bathing, toileting, and reminding to take medicines which a person would normally provide for ~~((himself/herself))~~ himself or herself and are necessary to maintain a person in ~~((his/her))~~ his or her own home. Sterile procedures and administering medications by injection are not authorized personal care tasks, unless the individual-provider-program worker is a licensed health practitioner or a member of the client's immediate family.

~~((9))~~ "Attendant care" is the service provided to a client who requires assistance with unscheduled tasks, i.e., toileting, ambulation, and wheelchair transfer, and is authorized a monthly rate payment in the individual-provider-program.))

(10) "Shared living arrangement" occurs when two or more adults share expenses and live together in ~~((their))~~ his or her own home with common facilities, such as living, cooking, and eating areas.

AMENDATORY SECTION (Amending Order 1618, filed 3/4/81)

WAC 388-15-209 CHORE SERVICES—ELIGIBLE INDIVIDUALS. (1) Service Eligibility.

(a) Chore services are ~~((primarily))~~ for adults aged eighteen and over, although in some instances families may be served.

(b) Chore services are determined through the completion and scoring of the client review questionnaire. (Refer to WAC 388-15-212).

(c) Families may receive chore services when the normal caretaker of the children:

(i) Is in the home but unable to physically care for the children;

(ii) Is in the home and physically unable to perform the necessary household tasks;

(iii) Is out of the home temporarily, as defined by the department.

(2) Financial Eligibility.

(a) Persons receiving chore services must meet the financial eligibility requirements established by the department. ~~((Refer to WAC 388-15-020.))~~

(b) For families to receive services, the total family income must be at or below the financial eligibility requirements established by the department. Children are not financially eligible in ~~((their))~~ the children's own right. ~~((They))~~ The children are part of the family unit.

(c) An adult or family at risk of being placed in a residential care facility is eligible to receive the level of hourly or attendant care chore services as determined by WAC 388-15-212 who are adult recipients of supplemental security income and/or state supplementation or who has gross family income, adjusted for family size, not in excess of thirty percent of state median income. Adult protective services clients are eligible to receive chore services without regard to income, if these services

are an integral but subordinate part of the adult protective services plan. These services are limited to a maximum of ninety days during any twelve-month period.

Services are authorized within the funds appropriated under section 54(1), chapter 340, Laws of 1981.

(d) An adult or family at risk of being placed in a residential care facility is eligible to receive a reduced level of hours in the hourly chore services program or a reduced level of payment in the attendant care chore services program who has a gross family income, adjusted for family size between thirty percent and forty percent of the state median income. See table in subsection (2)(d) of this section:

REDUCED HOURLY AUTHORIZATION OR PAYMENT

<u>Percentage of State Median Income</u>	<u>Percentage of Hours Authorized by the Department in the Hourly Chore Services Program</u>	<u>Percentage of Monthly Rate Payment Provided by the Department in the Attendant Care Chore Services Program</u>
<u>Above 30 through 31</u>	<u>80</u>	<u>99</u>
<u>Above 31 through 32</u>	<u>75</u>	<u>98</u>
<u>Above 32 through 33</u>	<u>70</u>	<u>97</u>
<u>Above 33 through 34</u>	<u>65</u>	<u>96</u>
<u>Above 34 through 35</u>	<u>60</u>	<u>95</u>
<u>Above 35 through 36</u>	<u>55</u>	<u>94</u>
<u>Above 36 through 37</u>	<u>50</u>	<u>93</u>
<u>Above 37 through 38</u>	<u>45</u>	<u>92</u>
<u>Above 38 through 39</u>	<u>40</u>	<u>91</u>
<u>Above 39 through 40</u>	<u>35</u>	<u>90</u>

Services are authorized within the funds appropriated under section 54(1), chapter 340, Laws of 1981.

(e) An adult or family who has gross family income, adjusted for family size between forty and fifty-seven percent of the state median income is severely handicapped, at risk of being placed in a residential care facility, and in need of attendant care may be eligible to receive a reduced level of payment for attendant care. See table in subsection (2)(e) of this section. The client or applicant shall provide verification of the need for attendant care and risk of being placed in a residential care facility by producing a statement from the client's physician and departmental staff.

Requests shall be acted upon by the department within thirty days. The client or applicant shall be advised of the decision of the department and his or her right to a review of the decision.

Approved requests shall be reviewed every ninety days. Services are authorized within the funds appropriated under section 54(2), chapter 340, Laws of 1981.

REDUCED MONTHLY PAYMENT FOR ATTENDANT CARE CLIENTS

<u>Percentage of State Median Income</u>	<u>Percentage of Monthly Rate Payment Provided by the Department in the Attendant Care Chore Services Program</u>
<u>Above 40 through 41</u>	<u>88</u>
<u>Above 41 through 42</u>	<u>85</u>
<u>Above 42 through 43</u>	<u>80</u>
<u>Above 43 through 44</u>	<u>75</u>
<u>Above 44 through 45</u>	<u>70</u>
<u>Above 45 through 46</u>	<u>65</u>
<u>Above 46 through 47</u>	<u>60</u>
<u>Above 47 through 48</u>	<u>55</u>

Percentage of State Median Income	Percentage of Monthly Rate Payment Provided by the Department in the Attendant Care Chore Services Program
Above 48 through 49	50
Above 49 through 50	45
Above 50 through 51	40
Above 51 through 52	35
Above 52 through 53	30
Above 53 through 54	25
Above 54 through 55	20
Above 55 through 56	15
Above 56 through 57	10

(f) Severely handicapped clients or applicants in the attendant care chore services program who have gross family income, adjusted for family size between thirty and fifty-seven percent of the state median income who are at risk of being placed in a residential care facility and cannot afford to pay the client's or applicant's share of the monthly rate, may be eligible to receive an additional amount up to the client's share of the monthly rate. The client shall provide verification of the need for attendant care and risk of being placed in a residential care facility by producing a statement from the client's physician and departmental staff. The client shall produce a statement showing why he or she cannot afford to pay all or part of his or her share of the monthly rate.

Requests shall be acted upon by the department within thirty days. The client or applicant shall be advised of the decision of the department and his or her right to a review of the decision.

Approved requests shall be reviewed every ninety days. Additional payment is authorized within the funds appropriated under section 54(2), chapter 340, Laws of 1981.

(g) An adult or family who has gross family income adjusted for family size, above fifty-seven percent of the state median income, severely handicapped, and at risk of being placed in a residential care facility may be authorized to receive attendant care. Thirty persons at any one time may receive attendant care services under section 17, chapter 6, Laws of 1981 1st ex. sess.

The client or applicant shall provide verification of the need for attendant care and risk of being placed in a residential care facility, by producing a statement from the client's physician and departmental staff. The client or applicant shall produce a statement showing what part of the monthly rate the client can pay.

Requests shall be acted upon by the department within thirty days. The client or applicant shall be advised of the decision of the department and his or her right to a review of the decision.

Approved requests shall be reviewed every ninety days.

(h) Clients or applicants are not eligible for chore services if the clients or applicants have resources in excess of ten thousand dollars for one person, fifteen thousand dollars for a two-person family. Another one thousand dollars is allowed for each additional family member. Adult protective services clients who are receiving chore services as an integral but subordinate part of an adult protective services plan and supplemental security income and/or state supplementation recipients

are exempt from the resource requirement in this section. Resources mean all real or personal property owned by or available to an applicant at the time of application which can be applied toward meeting the applicant's requirements, either directly or by conversion into money or its equivalent. Property that is available shall mean property over which the applicant has legal right of control.

The following resources shall be considered in determining the value of a client's or applicant's resources:

- (i) Checking accounts;
- (ii) Savings accounts;
- (iii) Certificates of deposit;
- (iv) Money markets;
- (v) Negotiable stocks and bonds;
- (vi) Latest assessed value of lots or property not attached to residence;
- (vii) Market value of a boat(s), recreational vehicle(s), or excess automobiles;
- (viii) Cash on hand.

The following resources, regardless of value, shall not be considered in determining the value of a client's or applicant's resources:

- (i) A home and lot normal for the community where the client or applicant resides;
 - (ii) Used and useful household furnishings, personal clothing, and one automobile per client;
 - (iii) Personal property of great sentimental value;
 - (iv) Personal property used by the applicant or recipient to earn income or to rehabilitate himself or herself;
 - (v) One cemetery plot for each member of the family unit;
 - (vi) Cash surrender value of life insurance.
- (i) Income tables for chore services:

THIRTY PERCENT OF STATE MEDIAN INCOME

Family Size	Monthly Income	Annual Income
1	\$317	\$3,808
2	415	4,980
3	513	6,151
4	610	7,323
5	708	8,495
6	806	9,666

FORTY PERCENT OF STATE MEDIAN INCOME

Family Size	Monthly Income	Annual Income
1	\$423	\$5,077
2	553	6,640
3	683	8,202
4	814	9,764
5	944	11,326
6	1,074	12,888

FIFTY-SEVEN PERCENT OF STATE MEDIAN INCOME

Family Size	Monthly Income	Annual Income
1	\$603	\$7,235
2	788	9,461
3	974	11,687
4	1,159	13,914
5	1,345	16,140
6	1,530	18,366

AMENDATORY SECTION (Amending Order 1652, filed 5/20/81)

WAC 388-15-212 SERVICE DETERMINATIONS. (1) Chore services need and amount determination for all applicants and recipients of chore services will be made by using the client review questionnaire on each adult.

(2) Department staff will administer the client review questionnaire.

(3) When administering the client review questionnaire, department staff will take into account the client's risk of being placed in a residential care facility and ability to perform activities of daily living, living conditions, and arrangements, and the availability and use of alternative resources, including immediate family, other relatives, neighbors, friends ((and)) , community programs, and volunteers.

(4)(a) The client review questionnaire is a series of questions designed to determine the client's need for the tasks which are available from the chore program. In answering each question, either "N", "M", "S", or "T" is circled to indicate the extent of assistance the client needs from the chore program for each task. "N", "M", "S", or "T" are defined as:

(i) N = Needs No Assistance: The client is either able to perform this task without help or is already receiving or could receive all the help needed from other sources.

(ii) M = Needs Minimal Assistance: The client cannot perform this task without help and needs a minimal amount of assistance from the chore program in addition to whatever help may or may not be received from other sources.

(iii) S = Needs Substantial Assistance: The client cannot perform this task without help and needs a substantial amount of assistance from the chore program in addition to whatever help may or may not be received from other sources.

(iv) T = Needs Total Assistance: Client is completely unable to perform this task and is not now receiving any help and needs total assistance from the chore program.

(b) Points are awarded for each task based on the degree of assistance needed from the chore services program. The number of points available for each task is set forth in subsection (5) of this section. The point total is converted into maximum allowable hours using the table set forth in subsection (6) of this section. For clients needing ((~~protective supervision or~~)) attendant care, as defined in subsection (5) of this section, the amount of services authorized is based on the total number of hours per month the chore provider must be with the client.

(5) The allowable chore services program tasks, as defined by the department, are scored as follows:

(a) Escort/Transport to Medical Services. The scoring is as follows, based on the need and frequency of service: N = 0, M = 1, S = 2, T = 3.

(b) Essential Shopping and Errands. The scoring is based on need and frequency of service: N = 0, M = 5, S = 10, T = 15. When the chore provider must perform these tasks for the client because the client is unable to go along, the scoring is N = 0, M = 1, S = 3, and T = 5.

(c) Splitting/Stacking/Carrying Wood. The scoring is N = 0, M = 3, S = 5, and T = 7. This task is available only to persons who use wood as their sole source of fuel for heat and/or cooking.

(d) Laundry. The scoring is N = 0, M = 1, S = 2, and T = 3. If there are no laundry facilities in the client's own home, additional points are awarded. The scoring for the additional points is N = 0, M = 3, S = 5, and T = 7.

(e) Housework. Housework is limited to tasks necessary to protect the client's health and safety and to those areas of the home actually used by the client, i.e., kitchen, bathroom, bedroom, living room, and dining room. The scoring is N = 0, M = 1, S = 2, and T = 3.

(f) Cooking. The scoring is based on the preparation of three meals, as follows:

(i) Breakfast N = 0, M = 4, S = 7, T = 10.

(ii) Light Meal N = 0, M = 4, S = 7, T = 10.

(iii) Main Meal N = 0, M = 5, S = 10, T = 15.

(g) Feeding. The scoring is based on feeding three meals, as follows:

(i) Breakfast N = 0, M = 4, S = 7, T = 10.

(ii) Light Meal N = 0, M = 4, S = 7, T = 10.

(iii) Main Meal N = 0, M = 5, S = 10, T = 15.

(h) Dressing/Undressing. The scoring is N = 0, M = 4, S = 7, and T = 10.

(i) Care of Appearance. The scoring is N = 0, M = 1, S = 3, and T = 5.

(j) Body Care. The scoring is N = 0, M = 5, S = 10, and T = 15.

(k) Bed Transfer. The scoring is N = 0, M = 1, S = 3, and T = 5.

(l) Ambulation. The scoring is N = 0, M = 4, S = 7, and T = 10.

(m) Wheelchair Transfer. The scoring is N = 0, M = 1, S = 3, and T = 5.

(n) Bathing. The scoring is N = 0, M = 4, S = 7, and T = 10.

(o) Toileting. The scoring is N = 0, M = 5, S = 10, and T = 15.

(p) Remind to Take Medicines. The scoring for reminding to take medication is N = 0, M = 1, S = 2, and T = 3.

(q) Family Care. The family care question has four parts. Each part considers the ages, number, ((and)) level of responsibility of the children, and the presence of a spouse when determining the need for chore services.

(i) Part one determines the need for additional help cleaning the household because of the presence of children. The scoring is N = 0, M = 4, S = 7, and T = 10.

(ii) Part two determines the need for escort and transportation, laundry services, meal preparation and shopping, and bathing and dressing for the client's children. The scoring is N = 0, M = 5, S = 10, and T = 15

(iii) Part three determines the need for physical supervision of the children. When the client is in the home, but unable to supervise, the scoring is N = 0, M = 5, S = 10, and T = 15.

(iv) Part four determines the need for supervision of children when the client is temporarily absent from the home because of hospitalization. This question is not

scored. The number of days and the number of hours per day that the children need supervision is recorded. The monthly authorization is the total number of hours required for supervision. The chore provider performs household and personal care tasks for the children during the hours of supervision. Supervision of children when the client is absent from the home must not exceed two weeks.

(r) ~~((Protective Supervision/))~~ Attendant Care. ~~((The chore provider supervises or watches the client when he/she cannot safely be left alone. Protective supervision may be necessary when a person:~~

~~(i) May hurt himself/herself, others, or damage property if left alone, or~~

~~(ii) Is confused and may wander away, turns on a stove and forgets to turn it off, becomes easily disoriented, or forgets to take necessary medication.~~

~~The chore provider performs any household or personal care tasks or gives assistance with activities of daily living during the hours of supervision. The scoring is based on the number of days per month and hours per day during which the chore provider must be with a client in need of protective supervision. The authorization is the total number of protective supervision hours required by the client each month. In attendant care,))~~ The chore provider is available to help a client who requires assistance with such unscheduled tasks as toileting, ambulation, and wheelchair transfer or supervises or watches a client who cannot safely be left alone. Protective supervision may be necessary when a person may hurt himself or herself, others, or damage property if left alone, or is confused and may wander away, turn on a stove and forget to turn it off, or becomes easily disoriented. The chore provider performs any household or personal care tasks or gives assistance with activities of daily living during the ~~((hours of attendance to the client))~~ authorized attendant care hours. The scoring is based on the number of days per month and hours per day during which the chore provider must be with a client in need of attendant care. The authorization is the total number of attendant care hours required by the client each month.

(6) Except for cases where ~~((protective supervision,))~~ attendant care~~((;))~~ or supervision of children when the client is temporarily absent are required, as defined in subsection (5) ~~((r))~~ (q)(iv) of this section, the amount of hours of chore services authorized per month shall be determined by translating the total number of points awarded on the client review questionnaire into a monthly authorization, utilizing the following CRQ authorization ceiling chart:

CRQ SCORE	CEILING((S)) HOURS PER MONTH
1-4	5
5-9	8
10-14	11
15-19	14
20-24	18
25-29	21
30-34	24
35-39	28
40-44	31
45-49	34
50-54	37

CRQ SCORE	CEILING((S)) HOURS PER MONTH
55-59	41
60-64	44
65-69	47
70-74	51
75-79	54
80-84	57
85-89	60
90-94	64
95-99	67
100-104	70
105-109	74
110-114	77
115-119	80
120-124	83
125-129	87
130-134	90
135-139	93
140-144	97
145-149	100
150-154	103
155-159	106
160-164	110
165-169	113
170-174	116

HOURLY PROGRAM LIMITATION

175-179	120
180-184	123
185-189	126
190-194	129
195-199	132
200-205	135
206-209	138
210-214	142
215-219	145
220-224	148
225-229	151
((230-234))	((155))
((235-239))	((158))
((240-244))	((161))
((245-249))	((165))
((250-254))	((168))
((255-259))	((171))
((260-264))	((174))

The department may authorize fewer hours according to the client's individual circumstances and the provisions under WAC 388-15-215(8). ~~((Only four hours of housework per month per household is allowed. Protective supervision,))~~ Attendant care~~((;))~~ and supervision of children when the client is temporarily absent are authorized for the number of days per month and hours per day the services are required.

(7) The ~~((client/applicant))~~ client or applicant may request approval from the department to exceed the ceiling hours authorized per month, as determined in subsection (6) of this section. The department shall authorize the number of additional hours ~~((necessary to maintain the client/applicant in his/her own home))~~ not to exceed one hundred sixteen hours per month per client in the hourly program when:

(a) There are circumstances of a demonstrated duration, frequency, or severity which require additional hours of allowable chore services to avoid adverse effects to ~~((his/her))~~ his or her health or safety; and,

(b) The need for additional hours is specific and clearly measurable.

(c) Hours are available under provisions of WAC 388-15-215(8).

(8) All ~~((clients/applicants))~~ clients or applicants shall be informed in writing of the process as defined in subsection (7) of this section and shall have the right to request from the department approval to exceed the authorized hours as set forth in subsection (6) of this section.

(9) When the department denies a request for additional hours or makes approval for fewer additional hours than requested, the ~~((client/applicant))~~ client or applicant shall receive notice of ~~((his/her))~~ his or her right to contest the decision pursuant to chapter 388-08 WAC. The department shall approve or deny requests within thirty days.

(10) Chore services may be provided either through the individual-provider-program or through the contracted program, as deemed most appropriate by department policy established by the state office.

AMENDATORY SECTION (Amending Order 1618, filed 3/4/81)

WAC 388-15-213 PAYMENT. (1) Payment may be made for services performed by a relative, but payment to a spouse, father, mother, son or daughter can be made only when the person:

- (a) Has to give up paid employment (more than thirty hours per week) to give the service, or
- (b) Would otherwise need to take paid employment (more than thirty hours per week), or
- (c) Would otherwise be eligible to receive general assistance to meet ~~((his/her))~~ his or her own financial need.

(2) Payment to the spouse providing chore services to an incapacitated, eligible client shall not exceed the amount of a one-person standard for a continuing general assistance grant. Refer to WAC 388-29-100.

(3) In the contracted program, payment is made to the contractor who directly pays the chore provider. (Refer to WAC 388-15-208.)

(4) In the individual-provider-program, payment is made to the client who pays the chore provider. (Refer to WAC 388-15-208.)

(a) An hourly wage is paid for the actual number of hours worked on all chore services tasks ~~((, except for protective supervision,))~~ (maximum of one hundred sixteen hours per month per client), except for attendant care(;) and supervision of children when the client is temporarily absent.

(i) The hourly wage rate must at least comply with federal minimum wage guidelines.

(ii) The maximum hourly wage rate shall not exceed the amount set by the community services office (CSO) administration and should consider the prevailing rate in the community for similar services but shall not exceed three dollars and seventy-five cents per hour.

(b) A monthly rate is paid for ~~((protective supervision,))~~ attendant care(;) and supervision of children. The monthly rate is determined by the service worker after discussion with the client and chore provider, but it shall not exceed ~~((a maximum rate set by the department. It will be prorated by days and hours of service.))~~ the lesser of the following, a maximum of five hundred

ten dollars per month or the amount determined by the table in subsection (4)(b) of this section:

MONTHLY RATE DETERMINATION
HOURS OF SERVICE PER DAY PAYMENT PER DAY

(30 DAYS PER MONTH)

16 - 24	up to \$17
12 - 15	up to \$15
8 - 11	up to \$12
4 - 7	up to \$8
2 - 3	up to \$5
1	up to \$3

Another fifty dollars per month is added for each additional client authorized for service in the household.

(c) An individual-provider-program eligible ~~((client/applicant))~~ client or applicant may request approval from the department to exceed the maximum monthly rate set by the department or the maximum hourly wage established by the ~~((Community Services Office))~~ regional office. The department shall authorize a higher payment rate necessary to maintain the ~~((client/applicant))~~ client or applicant in ~~((his/her))~~ his or her own home when:

- (i) The need for the higher payment is specific and clearly measurable; and,
- (ii) The ~~((client/applicant))~~ client or applicant provides documentation that services are not available at the established maximum payment rate; and,
- (iii) The ~~((client/applicant))~~ client or applicant has made a reasonable effort to find a qualified provider at the established maximum payment rate; and,
- (iv) Funds are available under section 54(1) and (2), chapter 340, Laws of 1981.

~~((iv))~~ (v) The total cost for the chore services does not exceed ((ninety percent of the total cost for care in a skilled nursing facility, except that this limitation on the maximum monthly cost shall not apply for a period of ninety consecutive days from the date of the request to exceed the maximum monthly rate.)) the lesser of the following, a maximum of seven hundred twenty dollars or the amount determined by the table in (4)(b) and (4)(c)(v):

HOURS OF SERVICE PER DAY ADDITIONAL PAYMENT PER DAY
(30 DAYS PER MONTH)

16 - 24	up to \$7
12 - 15	up to \$5
8 - 11	up to \$4
4 - 7	up to \$3
2 - 3	up to \$2
1	up to \$1

(d) All ~~((clients/applicants))~~ clients or applicants shall be informed in writing of the process as defined in subsection (4)(c) of this section and shall have the right to request from the department approval to exceed the maximum monthly or hourly rate.

(e) When the department denies a request to exceed the maximum payment rates or makes approval at a lesser rate than requested by the ~~((client/applicant))~~

client or applicant, the ~~((client/applicant))~~ client or applicant shall receive notice of ~~((his/her))~~ his or her right to contest the decision pursuant to chapter 388-08 WAC. The department shall approve or deny requests within thirty days.

(f) When the client provides board and room to the chore provider, the department may make a payment to partially reimburse the cost of this expense. The payment shall not exceed an allowance established by the department and shall be prorated by days of service.

(g) Payment is made only after service delivery has been verified.

AMENDATORY SECTION (Amending Order 1618, filed 3/4/81)

WAC 388-15-215 LIMITATIONS ON PROGRAM. (1) The chore services program is not a teaching or companionship program and cannot be used for the purpose of delivering skilled nursing care or developing social, behavioral, recreational, communication or other type skill. Companionship means being with a person in ~~((his/her))~~ his or her home for the purpose of preventing loneliness or to accompany ~~((him/her))~~ him or her outside the home, except on basic errands or medical appointments or activities of daily living for ~~((protective supervision/))~~ attendant care clients.

(2) Chore services cannot be provided in a group home, congregate care facility, intermediate care facility ~~((or))~~, skilled nursing facility, ~~((but can be provided in an adult family home or foster home on an emergency basis, not to exceed two weeks))~~ adult family home or foster home. Shared living arrangements are not considered group homes.

(3) Chore services are provided for the person needing and authorized to receive the service, not for other household members unless ~~((they))~~ the services are part of the total chore services plan which includes ~~((them))~~ the household members as eligible service clients.

(4) Chore services are not provided when community resources or family, neighbors, ~~((or))~~ friends, or volunteers are available and willing to provide the service without charge.

(5) All approvals for additional hours and higher payment rates are reevaluated by the department after a period of up to one year, as determined by the department. These reevaluations are continued, denied, or altered to correspond with the client's present chore services need. The client shall receive notice of ~~((his/her))~~ his or her right to contest reevaluations which are denied or approved at a lower rate of payment or fewer service hours than initially approved.

(6) Chore services cannot be used for child care for working parent(s).

(7) In family care, the chore services provider may not act as a parent substitute or make major decisions affecting the children.

(8) A maximum of two hundred twenty-four thousand hours per month can be authorized in the hourly chore services program. Each community services office is allocated by the regional office a monthly lid of chore services hours for the hourly chore services program under the provisions of section 17, chapter 6, Laws of 1981

1st ex. sess. Eligible clients or applicants can receive service if hours are available at the community services office. Clients or applicants are classified into three priorities: First priority, attendant care and adult protective services clients or applicants; second priority, personal care clients or applicants; third priority, clients or applicants requiring household tasks only (escort, transport, shopping, errands, housework, laundry, splitting wood). Clients or applicants in the community services office are provided service based on the client's or applicant's priority and hours available.

AMENDATORY SECTION (Amending Order 1589, filed 1/21/81)

WAC 388-15-217 ((CHORE)) ATTENDANT CARE SERVICES FOR EMPLOYED DISABLED ADULTS. (1) Notwithstanding other provisions of WAC ~~((388-15-210))~~ 388-15-207 through 388-15-215, employed disabled adults shall be eligible for ~~((chore))~~ attendant care services as provided in this section, with cost participation, as authorized by RCW 74.08.570.

(2) The following definitions shall apply for purposes of this section:

(a) "Employed" means engaged on a regular monthly basis in any work activity for which monetary compensation is obtained.

(b) "Total income" is the sum of an applicant's unearned income plus gross earned income.

(3) To be eligible for ~~((chore))~~ attendant care services under this section, an ~~((applicant/recipient))~~ client or applicant must meet all of the following conditions:

(a) Be eighteen years of age or older.

(b) Be a resident of the state of Washington.

(c) Be determined by the department to be disabled as specified in subsection (4) of this section.

(d) Be willing to submit to such examinations as are deemed necessary by the department to establish the extent and nature of the disability.

(e) Be employed.

(f) Have earned income which is less than forty percent of the state median income after subtracting work expenses, the cost of chore services, and any medical expenses which are not covered through insurance or another source and such medical expenses are incurred to allow the disabled person to work.

~~((ff))~~ (g) Have ((chore service)) attendant care need as determined by the department using the client review questionnaire. ((See subdivision (8)(a) of this section.))

~~((tg))~~ (h) Not have unearned income exceeding ((the maximum income standard for receipt of Title XX chore services by applicants ineligible for this section. (Refer to WAC 388-15-020.)) forty percent of the state median income or be an adult supplemental security income and/or state supplemental recipient.

~~((th))~~ (i) Not have resources exceeding the limitations specified ((in WAC 388-17-160(4))) for the chore services program in WAC 388-15-209(2)(h).

~~((ti))~~ (j) Promptly report to the department in writing any changes in income or resources which may effect eligibility.

~~((f))~~ (k) Agree to pay all ~~((chore))~~ attendant care services costs beyond the state's contribution as determined ~~((in accordance with subsection (5) of this section))~~ using a sliding fee schedule.

<u>Percentage of State Median Income (After Deductions)</u>	<u>Percentage of Monthly Rate Paid By The Department</u>
<u>Above 0 through 10</u>	<u>90</u>
<u>Above 10 through 20</u>	<u>80</u>
<u>Above 20 through 30</u>	<u>70</u>
<u>Above 30 through 40</u>	<u>60</u>

(l) Meet all other requirements for the attendant care program as defined in WAC 388-15-207 through 388-15-215.

(4) For purposes of this section, an applicant is disabled if either of the following conditions is satisfied:

(a) The applicant previously has been determined "disabled" for the purpose of receiving social security disability insurance (SSDI) or supplemental security income (SSI) or federal aid medical care only (FAMCO), and the department determines that there has been no appreciable improvement in the applicant's disabling condition(s) since that disability determination was made.

(b) The applicant is determined by the department to have a medically determinable physical or mental impairment which, except for the applicant's ability to perform gainful activity, is comparable in severity to a disability which would qualify an applicant for medical assistance related to Title XVI under WAC 388-92-015(3)(c).

~~((5))~~ The department shall use the following method in determining the portion of the applicant's chore service need which will be paid by the department and the amount to be paid by the applicant's cost participation:

~~(a) Determine the applicant's total income (earned plus unearned). Earned income from self-employment, when applicable, shall be computed using the same rules as are established in WAC 388-28-520.~~

~~(b) Deduct the applicant's allowable work related expenses as determined by the department according to subsection (7) of this section.~~

~~(c) Deduct the maximum income level permitted for a person with the same family size as the applicant under the income standard for Title XX chore services (without participation) under WAC 388-15-020(1)(c)(i) and 388-15-020(2).~~

~~(d) If the remainder, following steps (a) through (c) of this subsection, is equal to or less than zero, the department shall pay the full authorized cost of chore services as determined by the department according to subsection (8) of this section.~~

~~(e) If the remainder, following steps (a) through (c) of this subsection, is greater than zero, the applicant shall pay one-half of this remainder as cost participation. The department shall pay the difference between the full authorized cost of chore services as determined according to subsection (8) of this section and the applicant's cost participation amount.~~

~~((f))~~ This calculation determines the maximum payment the department shall make for any month. If fewer hours are worked than the maximum chore service need determined according to subdivision (8)(a) of this section, the department's actual payment shall be prorated:))

~~((6))~~ (5) The department shall pay its share of ~~((chore))~~ attendant care service costs to the client following receipt of documentation that the services were provided. If less service is verified in any month than the maximum authorized, the department shall pay a prorated portion of its share of cost. The client shall employ the ~~((chore service worker))~~ attendant care provider and shall pay the ~~((worker))~~ provider the full amount due for services rendered. If the client receives services exceeding those authorized by the department, or agrees to a rate of pay exceeding that authorized by the department, the client shall be responsible for paying the amount exceeding the department's authorized service cost.

~~((7))~~ (6) An applicant's work related expenses shall be computed by the department as follows:

(a) Work related expenses shall be deducted in accordance with the "percentage method" or the "actual method," whichever is chosen by the client.

(b) If the client chooses the "percentage method," twenty percent of the gross earned income shall be deducted.

(c) If the client chooses the "actual method," the actual cost of each work related expense shall be deducted. This method shall be used only when the client provides written verification of all work related expenses claimed.

(d) When determined by the "actual method," allowable work expenses shall consist of:

~~(i) ((The same work related expenses as are listed in WAC 388-28-515(5), with the exception that expenditures for rental cars shall not be considered work related expenses under this section.))~~ Child care;

~~(ii) ((When appropriate, actual expenditures by the client for child care which is essential to continued employment shall be deducted as work expenses, up to the maximum amount which would be authorized for an applicant with similar employment hours, child care arrangements and child care provider who was eligible under WAC 388-15-170.))~~ Payroll deductions required by law or as a condition of employment, in amounts actually withheld;

~~(iii) The necessary cost of transportation to and from the place of employment by the most economical means, not to include rental cars; and,~~

~~(iv) Expenses of employment necessary for continued employment, such as tools, materials, union dues, transportation to service customers if not furnished or reimbursed by the employer, and uniforms and clothing needed on the job but not suitable for wear away from the job.~~

~~(e) Even if verified, work related expenses shall not be counted in excess of the applicant's gross earned income.~~

~~(f) The client shall have the option to change methods whenever ~~((he/she))~~ he or she reports income to the CSO.~~

~~((8))~~ The department shall determine the applicant's authorized chore service cost as follows:

~~(a) Using the client review questionnaire, determine chore service need following the same rules as would apply for Title XX chore services clients without cost participation.~~

~~(b) Calculate the authorized cost of these needed chore services based on hourly or monthly payment rates as authorized for Title XX chore service individual provider clients in that GSO catchment area.)~~

WSR 81-19-001
ADOPTED RULES
DEPARTMENT OF CORRECTIONS
[Order 2—Filed September 3, 1981]

I, Amos Reed, Secretary of the Department of Corrections, do promulgate and adopt at Olympia, Washington, the annexed rules relating to funding for locating specified correctional facilities, new chapter 137-12 WAC.

This action is taken pursuant to Notice No. WSR 81-14-080 filed with the code reviser on July 1, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Department of Corrections as authorized in RCW 72.01.090.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED August 27, 1981.

By Amos E. Reed
Secretary

NEW SECTION

WAC 137-12-010 DEFINITIONS. These phrases, when used in this chapter, shall have the following meanings:

(1) "Affected political subdivision" denotes only the cities of Monroe and Steilacoom, and Pierce, Snohomish, Mason, and Clallam/Jefferson Counties.

(2) "Additional institution(s)" denotes the five hundred bed addition to the Washington state reformatory, the inclusion of the McNeil Island corrections center in the corrections system of the state of Washington, Olympic correctional center, and Birch Hall a one hundred twenty bed addition to the Washington corrections center, Shelton.

(3) "Incremental costs" denotes costs incurred by an "affected political subdivision" directly resultant from the location of an "additional institution" within its boundaries.

NEW SECTION

WAC 137-12-020 PURPOSE. The purpose of this chapter shall be to create a process for the fair and equitable disbursement of the one million two hundred thousand dollars, provided in section 48(3)(d) of chapter

340, Laws of 1981, solely for the one-time cost impact on communities associated with locating additional state correctional facilities.

NEW SECTION

WAC 137-12-030 ELIGIBLE POLITICAL SUBDIVISIONS. Costs shall be limited to incremental costs from additional institutions to affected political subdivisions.

NEW SECTION

WAC 137-12-040 PERIOD OF FUNDING. Funds shall be disbursed by June 30, 1983.

NEW SECTION

WAC 137-12-050 FUNDING PRIORITY. (1) Funding to affected political subdivisions shall be prioritized as follows:

(a) Criminal-justice incremental costs, including expenditures for police, prosecutorial, judicial, and related law-enforcement activities.

(b) Certain other incremental costs, such as expansion of sewage and water treatment facilities, road wear-and-tear, and expanded fire protection, which costs are not directly related to criminal justice but are directly related to the institution's impact on the community and can be documented as such.

(c) All other incremental costs, such as elementary and secondary education and any effect on a tax base, indirectly associated with the additional institution.

(d) Hereafter in this section the described classes of incremental costs shall be referred to as class (1)(a), class (1)(b) costs and class (1)(c) costs, respectively.

(2) All class (1)(a) costs shall be payable as soon as each such claim is approved by the secretary or his designee. All other approved claims—namely, those involving class (1)(b) or (1)(c) costs—shall be paid only after all claims have been submitted pursuant to WAC 137-12-070, except that (1)(b) costs may be prepaid if deemed necessary in the sound discretion of the secretary.

(3) Except as provided in (2), all approved claims of class (1)(a) costs shall be paid prior to any approved claims for class (1)(b) costs, and all approved claims for class (1)(b) costs shall be paid prior to any class (1)(c) costs. Payment of approved claims within class (1)(b) shall be prorated in the event that funding is insufficient to pay all approved (1)(b) claims fully, and a like procedure shall be used in respect to approved (1)(c) claims once all approved (1)(b) claims have been paid.

(4) No claims may be filed for costs reimbursed or reimbursable by prior contract with the state of Washington.

NEW SECTION

WAC 137-12-060 BILLING PROCEDURE. (1) Requests by political subdivisions for reimbursement shall be made on the standard Washington state invoice voucher, form A-19, with supporting documentation attached.

(2) All requests for reimbursement shall be submitted to:

Director, Division of Management and Budget, Mail Stop FN-61
Department of Corrections
Olympia, Washington 98504.

NEW SECTION

WAC 137-12-070 CUTOFF DATE. (1) After construction of the five hundred bed new facility on the grounds of the Washington state reformatory has been completed and that addition is occupied by inmates, the secretary may require that any and all additional requests for reimbursements be submitted to the department, as provided by WAC 137-12-060, within a specified period of time of not less than forty-five days.

(2) Notice of this requirement shall be served by certified or registered mail upon the political subdivisions.

NEW SECTION

WAC 137-12-080 REVIEW COMMITTEE. (1) A review committee shall be formed to assist the secretary in matters pertaining to this chapter. Such a committee shall consist of the following individuals:

- (a) The capitol program administrator;
- (b) The director of the division of management and budget;
- (c) The director of prisons;
- (d) The senior assistant attorney general assigned to the department; and
- (e) The deputy secretary, who shall serve as chairman.

The secretary may delegate responsibilities of this chapter to this review committee.

(2) The secretary may at his discretion utilize a hearing officer to serve as a fact finder in matters pertaining to this chapter.

NEW SECTION

WAC 137-12-090 SPECIAL AUTHORIZATIONS. Notwithstanding any other provision of this chapter, the secretary may immediately authorize the following disbursements:

- (1) Forty thousand dollars for a feasibility study for relocation of the dock at Steilacoom;
- (2) Ten thousand dollars for contracting with Pierce County for ferry service to McNeil Island.

**WSR 81-19-002
PROPOSED RULES
DEPARTMENT OF
SOCIAL AND HEALTH SERVICES
(Public Assistance)
[Filed September 3, 1981]**

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Department of Social and Health Services intends to adopt, amend, or repeal rules concerning Food stamps—Fraud, amending WAC 388-54-840.

Correspondence concerning this notice and proposed rules attached should be addressed to:

David A. Hogan, Director
Division of Administration
Department of Social and Health Services
Mailstop OB-33C
Olympia, WA 98504

Interpreters for people with hearing impairments and brailled or taped information for people with visual impairments can be provided. Please contact William B. Pope, Chief, Office of Administrative Regulations, at State Office Building #2, 12th and Franklin, Olympia, Washington, Phone (206) 753-7015, by October 14, 1981. The meeting site is in a location which is barrier free;

that such agency will at 10:00 a.m., Wednesday, October 28, 1981, in the Auditorium, Office Building #2, 12th and Franklin, Olympia, Washington, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 9:00 a.m., Wednesday, November 4, 1981, in William B. Pope's Office, 3rd Floor, Office Building #2, 12th and Franklin, Olympia, Washington.

The authority under which these rules are proposed is RCW 74.04.510.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to October 28, 1981, and/or orally at 10:00 a.m., Wednesday, October 28, 1981, Auditorium, Office Building #2, 12th and Franklin, Olympia, Washington.

Dated: September 2, 1981

By: David A. Hogan
Director, Division of Administration

STATEMENT OF PURPOSE

This statement is filed pursuant to RCW 34.04.045.

Amend WAC 388-54-840.

Purpose of the rule or rule change is to change a date relating to fraudulent overpayments in the food stamp program from the date on which the overpayment occurred to the date on which the overpayment was established.

Statutory Authority: RCW 74.04.510.

Person or persons responsible for the drafting, implementation and enforcement of the rule: Mick Determan, Program Manager, Division of Income Assistance, Phone: 3-4381, Mailstop: OB-31C.

These rules are not necessary as a result of federal laws, federal court decisions or state court decisions.

AMENDATORY SECTION (Amending Order 1529, filed 8/6/80)

WAC 388-54-840 CLAIMS AGAINST HOUSEHOLDS—FRAUD. (1) Prior to the determination of fraud, the claim against the household shall be handled as a nonfraud claim. A fraud claim shall be handled as such only if any of the following circumstances exist:

(a) The overpayment was established as a fraudulent claim prior to March 1, 1979;

(b) The household member was found guilty of fraud by a court of appropriate jurisdiction, regardless of the date of establishing the claim in question;

(c) The overpayment (~~(, all or a portion of which occurred on or after July 1, 1979)~~) was established on or after March 1, 1979, and an administrative fraud hearing found a household member to have fraudulently received benefits.

(2) The amount of the fraud claim shall be calculated back to the month the fraudulent act occurred.

In case of fraud due to failure to report a change in circumstances, the first month benefits were overissued shall be the month the change occurred.

(3) Individuals found to have committed fraud on or after July 1, 1979, shall be disqualified as follows:

(a) Administrative hearing - individuals shall be ineligible to participate in the program for three months;

(b) Court determinations of fraud, criminal/civil - individuals shall be ineligible to participate in the program for not less than six months and not more than twenty-four months as ordered by the court;

(c) The department shall impose a six month disqualification period when the court has not specified a disqualification period unless it is contrary to the court order;

(d) Only the individual(s) found to have committed fraud shall be disqualified, not the entire household.

(4) Collection of a fraud claim shall be initiated unless the household has repaid the overissuance as a result of nonfraud demand letters, or the household cannot be located or the legal representatives prosecuting a member of the household for fraud advise in writing that collection action will prejudice the case.

(a) The department shall send the household a written demand letter which specifies the amount owed, the reason for the claim, the period of time the claim covers, any offsetting that was done to reduce the claim, a repayment agreement, how the household may pay the claim and the household member's right to a fair hearing. Cases established as fraud prior to July 1, 1979, shall not be disqualified for lack of repayment.

(i) Because the time period covered may be different in fraud and nonfraud claims, a fraud demand letter shall be sent even though a nonfraud letter was previously sent.

(ii) The repayment agreement shall include the repayment requirements, the types and terms of the restitution schedule, the date restitution must begin in order to avoid continuing the period of disqualification, and the right of the household to negotiate the repayment schedule should the household's economic situation change.

(b) For noncourt cases established prior to July 1, 1979, if the household does not respond to the first demand letter, additional letters shall be sent at thirty-day intervals until the household agrees to pay, or the claim can be suspended or terminated.

(c) For all court fraud determinations and cases found to be fraudulent by administrative fraud hearings since July 1, 1979, if the household does not respond to the demand letter, the household member found to have committed fraud shall continue to be disqualified until the signed agreement to repay is returned;

(d) If the repayment agreement is signed and returned but the household fails to adhere to the agreement, the mandatory allotment reduction method of repayment shall be utilized.

(5) The department shall suspend collection action if any of the following criteria is met:

(a) The household is financially unable to pay the claim;

(b) There is little likelihood that the state can collect or enforce collection of any significant sum from the household;

(c) The household cannot be located;

(d) The cost of further collection action is likely to exceed the amount that can be recovered; or

(6) After the claim has been held in suspense for three years, it shall be terminated.

(7) The department shall collect fraud or nonfraud claims in one of the following ways:

(a) Lump-sum, if the household is financially able to pay the claim this way.

(b) Installments, if the household has insufficient liquid resources or is otherwise financially unable to pay in a lump sum. If the full amount of the claim cannot be liquidated in three years without creating a financial hardship on the household, the department shall compromise the claim by reducing it to an amount that the household can pay in three years.

(c) A household member found to have committed fraud through an administrative hearing or a court proceeding as set forth in subsection (1) of this section may elect to have the monthly allotment reduced by the individual's pro rata share or twenty-five percent of the total allotment whichever is less. A lesser amount can be deducted if it results in equal increments or if the full amount can be recovered within a year. If such a household member fails to make its regular payments, the household shall be sent a notice that the overdue payments must be

made, or the repayment schedule renegotiated, or if no contact is made by the household the department may transfer to mandatory allotment reduction without prior notice of adverse action.

(d) If the household member found to have committed fraud has not returned a completed repayment agreement, the department shall send a subsequent notice one month prior to the end of the specified period of disqualification advising that he/she shall remain disqualified until such time as an agreement to repay is executed (effective June 1, 1980).

(e) If the household member fails to make a payment in accordance with the established cash repayment schedule, the department shall issue a notice explaining that no payment or an insufficient payment was received. The notice shall indicate that unless the overdue payments are made or the individual contacts the department to discuss renegotiating the payment schedule, the department may invoke allotment reduction without a notice of adverse action (effective June 1, 1980).

(f) If the household member responds to the notice, the department shall: (i) Permit the individual to make the overdue payments and continue payments based on the previous schedule if he/she wishes; or (ii) renegotiate a new payment schedule and execute a new written agreement letter if the individual requests it.

(8) The department shall not deny, terminate or reduce a household's benefits for failure to repay a claim, to agree to a repayment schedule or to make the agreed upon payment; except for the allotment reduction when repayment of a claim is beginning after the period of disqualification and the household member found to have committed fraud does not make agreed upon cash repayments.

WSR 81-19-003
PROPOSED RULES
DEPARTMENT OF
SOCIAL AND HEALTH SERVICES
(Public Assistance)
[Filed September 4, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Department of Social and Health Services intends to adopt, amend, or repeal rules concerning nursing home accounting and reimbursement system, amending chapter 388-96 WAC.

Correspondence concerning this notice and proposed rules attached should be addressed to:

David A. Hogan, Director
Division of Administration
Department of Social and Health Services
Mailstop OB-33C
Olympia, WA 98504

Interpreters for people with hearing impairments and brailled or taped information for people with visual impairments can be provided. Please contact William B. Pope, Chief, Office of Administrative Regulations, at State Office Building #2, 12th and Franklin, Olympia, Washington, Phone (206) 753-7015, by October 14, 1981. The meeting site is in a location which is barrier free;

that such agency will at 10:00 a.m., Wednesday, October 28, 1981, in the Auditorium, Office Building #2, 12th and Franklin, Olympia, Washington, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 9:00 a.m., Wednesday, November 4, 1981, in William B. Pope's Office, 3rd Floor, Office Building #2, 12th and Franklin, Olympia, Washington.

The authority under which these rules are proposed is RCW 74.09.120.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to October 28, 1981, and/or orally at 10:00 a.m., Wednesday, October 28, 1981, Auditorium, Office Building #2, 12th and Franklin, Olympia, Washington.

Dated: September 3, 1981

By: David A. Hogan
Director, Division of Administration

STATEMENT OF PURPOSE

This statement is filed pursuant to RCW 34.04.045. Amend chapter 388-96 WAC.

The Purposes of These Rules are: To delete material implementing chapter 74.46 RCW; To clarify the basis for reimbursement for services when payment is first made following settlement; To provide an earlier date beyond which rate adjustments will not be made; and to provide a standard for rate revisions.

The Reasons These Rules are Necessary are: To implement section 10, chapter 2, Laws of 1981 ex. sess. (SSB 3765); On occasions when services have been first paid for after settlement, there has been uncertainty whether payment should be at the prospective rate or the settlement rate. WAC 388-96-705 resolves this uncertainty; Current regulations allow rate adjustments due to error and omissions to be made until settlements become final. This allows new rate issues to be raised after the department has already issued a settlement, which interferes with negotiations over settlement issues and leads to confusion between rate and settlement issues; and current regulations provide no clear standard governing adjustments of prospective rates.

Summary of the Rule: Chapter 388-96 WAC was amended January 1, 1981 to phase-in provisions of chapter 74.46 RCW. Since chapter 2, Laws of 1981 ex. sess. (SSB 3765) defers implementation of chapter 74.46 RCW, the regulations designed to implement chapter 74.46 RCW, are deleted. This is accomplished by the following regulations: Amendment of WAC 388-96-010, 388-96-503, 388-96-507, 388-96-529, 388-96-533, 388-96-535, 388-96-539, 388-96-541, 388-96-543, 388-96-547, 388-96-557, 388-96-559, 388-96-565, 388-96-567 and 388-96-585; Repeal of WAC 388-96-015, 388-96-537, 388-96-545, 388-96-563 and 388-96-587; and New WAC 388-96-705. When services are first paid for following settlement, payment will be at the most recent available settlement rate; WAC 388-96-769 Current version: Rates may be adjusted due to errors and omissions until the settlement for the period in which the rate was effective becomes final; Amended version: Rates may be adjusted until 120 days after the final audit narrative and summary for the period in which the rate was effective is sent to the contractor. This is the same as the proposed deadline for departmental revision of settlements based on audit findings (proposed amendment to WAC 388-96-225); WAC 388-96-772 Amended to establish a standard for revision of a prospective rate. Rates will be revised if changes in factors used to establish rates or costs incurred or anticipated will cause a contractor substantial and unreasonable hardship. Hardship will be determined by the department on the basis of all applicable facts

and circumstances, but will require as a minimum increased costs exceeding both \$15,000 annually and \$.15 per patient day. Editorial changes are made to WAC 388-96-525 and 388-96-760.

Person Responsible for the Drafting, Implementation and Enforcement of the Rule: Taylor Dennen, Manager, Rate Management Program, Bureau of Nursing Home Affairs, MS OB-31, 753-3477, Scan 234-3477.

These rules were proposed by DSHS.

These rules were not necessary as a result of federal laws, federal court decisions, or state court decisions.

Agency Comments: These regulations are expected to change medicaid expenditures by less than one percent during the 12 months following their effective dates.

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-010 TERMS. Unless the context clearly requires otherwise, the following terms shall have the meaning set forth ~~((below))~~ in this section when used in this chapter.

"Accrual method of accounting" - A method of accounting in which revenues are reported in the period when ~~((they are))~~ earned, regardless of when ~~((they are))~~ collected, and expenses are reported in the period in which ~~((they are))~~ incurred, regardless of when ~~((they are))~~ paid.

"Allowable costs" - See WAC 388-96-501.

~~((("Ancillary care" - Those services required by the individual, comprehensive plan of care provided by qualified therapists:))~~

"Appraisal" - The process of establishing the fair market value or reconstructing the historical cost of an asset acquired in a past period as performed by an individual professionally designated either by the American institute of real estate appraisers as a member, appraisal institute (MAI), or by the society of real estate appraisers as a senior real estate analyst (SREA) or a senior real property appraiser (SRPA). It includes a systematic, analytic determination, ~~((and))~~ the recording and analyzing of property facts, rights, investments, and values based on a personal inspection and inventory of the property.

~~((("Arms-length") Arm's-length transaction" - A transaction resulting from good-faith bargaining between a buyer and seller who are unrelated and have adverse bargaining positions in the market place.~~

"Assets" - Economic resources of the contractor, recognized and measured in conformity with generally accepted accounting principles. ~~((They))~~ "Assets" also include certain deferred charges which are not resources but which are recognized and measured in accordance with generally accepted accounting principles.

"Bad debts" - Amounts considered to be uncollectable from accounts and notes receivable.

"Beds" - Unless otherwise specified, the number of set-up beds in the nursing home, not to exceed the number of licensed beds.

"Beneficial owner" - Any person who:

(1) Directly or indirectly, through any contract, arrangement, understanding, relationship, or otherwise has or shares:

(a) Voting power which includes the power to vote, or to direct the voting of such ownership interest; and/or

(b) Investment power which includes the power to dispose, or to direct the disposition of such ownership interest~~((:))~~ ;

(2) Directly or indirectly, creates or uses a trust, proxy, power of attorney, pooling arrangement, or any other contract, arrangement, or device with the purpose or effect of divesting himself of beneficial ownership of an ownership interest or preventing the vesting of such beneficial ownership as part of a plan or scheme to evade the reporting requirements of this chapter~~((:))~~ ;

(3) Subject to subsection (2) of this section, has the right to acquire beneficial ownership of such ownership interest within sixty days, including but not limited to any right to acquire:

(a) Through the exercise of any option, warrant, or right;

(b) Through the conversion of an ownership interest;

(c) Pursuant to the power to revoke a trust, discretionary account, or similar arrangement; or

(d) Pursuant to the automatic termination of a trust, discretionary account, or similar arrangement;

Except that, any person who acquires an ownership interest or power specified in ~~((subdivisions))~~ subsection (3)(a), (b), or (c) of this ~~((sub-section))~~ section with the purpose or effect of changing or influencing

the control of the contractor, or in connection with or as a participant in any transaction having such purpose or effect, immediately upon such acquisition shall be deemed to be the beneficial owner of the ownership interest which may be acquired through the exercise or conversion of such ownership interest or power.

(4) Any person who in the ordinary course of business is a pledgee of ownership interest under a written pledge agreement shall not be deemed to be the beneficial owner of such pledged ownership interest until the pledgee has taken all formal steps necessary which are required to declare a default and determines that the power to vote or to direct the vote or to dispose or to direct the disposition of such pledged ownership interest will be exercised: PROVIDED, That

(a) The pledge agreement is bona fide and was not entered into with the purpose nor with the effect of changing or influencing the control of the contractor, nor in connection with any transaction having such purpose or effect, including persons meeting the conditions set forth in subsection (2) of this section; and

(b) The pledge agreement, prior to default, does not grant to the pledgee:

(i) The power to vote or direct or to direct the vote of the pledged ownership interest; or

(ii) The power to dispose or direct the disposition of the pledged ownership interest, other than the grant of such power(s) pursuant to a pledge agreement under which credit is extended and in which the pledgee is a broker or dealer.

"Capitalization" – The recording of an expenditure as an asset.

"Capitalized lease" – A lease which is required to be recorded as an asset and associated liability in accordance with generally accepted accounting principles.

"Cash method of accounting" – A method of accounting in which revenues are recognized only when cash is received, and expenditures for expense and asset items are not recorded until cash is disbursed for ~~(them)~~ those expenditures and assets.

"Change of ownership" – A change in the individual or legal organization which is responsible for the daily operation of a nursing home.

(1) Events which change ownership include but are not limited to the following:

(a) The form of legal organization of the contractor is changed (e.g., a sole proprietor forms a partnership or corporation);

(b) Title to the nursing home enterprise is transferred by the contractor to another party;

(c) The nursing home enterprise is leased, or an existing lease is terminated;

(d) Where the contractor is a partnership, any event occurs which dissolves the partnership;

(e) Where the contractor is a corporation, it is dissolved, merges with another corporation which is the survivor, or consolidates with one or more other corporations to form a new corporation.

(2) Ownership does not change when the following, without more, occur:

(a) A party contracts with the contractor to manage the enterprise as the contractor's agent, i.e., subject to the contractor's general approval of daily operating decisions;

(b) If the contractor is a corporation, some or all of its stock is transferred.

"Charity allowances" – Reductions in charges made by the contractor because of the indigence or medical indigence of a patient.

"Contract" – A contract between the department and a contractor for the delivery of SNF, ICF and/or IMR services to medical care recipients.

"Contractor" – An entity which contracts with the department to deliver care services to medical care recipients in a facility and which entity is responsible for operational decisions.

"Courtesy allowances" – Reductions in charges in the form of an allowance to physicians, clergy, and others, for services received from the contractor. Employee fringe benefits are not considered courtesy allowances.

"CSO" – The local community services office of the department.

"Department" – The department of social and health services (DSHS) and its employees.

"Depreciation" – The systematic distribution of the cost or other base of tangible assets, less salvage, over the estimated useful life of the assets.

"Donated asset" – An asset which the contractor acquired without making any payment for it in the form of cash, property, or services. An asset is not a donated asset if the contractor made even a nominal

payment in acquiring it. An asset purchased using donated funds is not a donated asset.

"Entity" – An individual partnership, corporation, or any other association of individuals capable of entering enforceable contracts.

"Equity capital" – Total (~~(fixed)~~) tangible and other assets which are necessary, ordinary, and related to patient care from the most recent provider cost report minus related total long-term debt from the most recent provider cost report plus working capital as defined in this section.

"Exceptional care recipient" – A medical care recipient determined by the department to require exceptionally heavy care.

"Facility" – A nursing home licensed in accordance with chapter 18.51 RCW, or that portion of a hospital licensed in accordance with chapter 70.41 RCW which operates as a nursing home.

"Fair market value" – The price for which an asset would have been purchased on the date of acquisition in an (~~(arms-length)~~) arm's-length transaction between a well-informed buyer and seller, neither being under any compulsion to buy or sell.

"Fiscal year" – The operating or business year of a contractor. All contractors report on the basis of a twelve month fiscal year, but provision is made in this chapter for reports covering abbreviated fiscal periods.

~~("Fixed asset" – A tangible asset with an historical cost in excess of one hundred fifty dollars and a useful life of more than one year.)~~

"Generally accepted accounting principles" – Accounting principles approved by the financial accounting standards board (FASB).

"Goodwill" – The excess of the price paid for a business over the fair market value of all other identifiable, tangible, and intangible assets acquired. Also, the excess of the price paid for an asset over its fair market value.

"Historical cost" – The actual cost incurred in acquiring and preparing an asset for use, including feasibility studies, architects' fees, and engineering studies.

"ICF" – When referring to a nursing home, an intermediate care facility. When referring to a level of care, intermediate care. When referring to a patient, a patient requiring intermediate care.

"Imprest fund" – A fund which is regularly replenished in exactly the amount expended from it.

"IMR" – When referring to a facility, one certified to provide services to the mentally retarded or persons with related conditions. When referring to a level of care, services for the mentally retarded or persons with related conditions. When referring to a recipient, a recipient requiring IMR services.

"Interest" – The cost incurred for the use of borrowed funds, generally paid at fixed intervals by the user.

"Intermediate care facility" – A licensed facility certified to deliver intermediate care services to medical care recipients.

"Joint facility costs" – Any costs representing expenses incurred which benefit more than one facility, or one facility and any other entity.

"Levels of care" – The classification of types of services provided to patients by a contractor, e.g., skilled nursing care or intermediate care.

"Medical care program" – Medical assistance provided under RCW 74.09.500 or authorized state medical care services.

"Medical care recipient" – An individual determined eligible by the department for the services provided in chapter 74.09 RCW.

"Multiservice facility" – A facility at which two or more types of health or related care are delivered, e.g., a hospital and SNF and/or ICF, or a boarding home and SNF and/or ICF. A combined SNF/ICF or ICF/IMR is not considered a multiservice facility.

"Nonallowable costs" – Same as "unallowable costs."

"Nonrestricted funds" – Funds which are not restricted to a specific use by the donor, e.g., general operating funds.

"Nursing home" – A home, place or institution, licensed in accordance with chapter 18.51 RCW, in which skilled nursing, intermediate care and/or IMR services are delivered.

"Operating lease" – A lease under which rental or lease expenses are included in current expenses in accordance with generally accepted accounting principles.

"Owner" – A sole proprietor, general or limited partner, or beneficial interest holder of five percent or more of a corporation's outstanding stock.

"Ownership interest" – All interests beneficially owned by a person, calculated in the aggregate, regardless of the form which such beneficial ownership takes.

"Patient day" – A calendar day of patient care. In computing calendar days of care, the day of admission is always counted. The day of

discharge is counted only when the patient was admitted on the same day. A patient is admitted for purposes of this definition when he or she is assigned a bed and a patient medical record is opened.

"Per diem (per patient day) costs" - Total allowable costs for a fiscal period divided by total patient days for the same period.

"Prospective daily payment rate" - The rate assigned by the department to a contractor for providing service to medical care recipients. The rate is used to compute the maximum participation of the department in the contractor's costs.

~~((¹"Qualified therapist" - Any of the following:~~

~~(1) An activities specialist who has specialized education, training, or experience as specified by the department;~~

~~(2) An audiologist who is eligible for a certificate of clinical competence in audiology or who has the equivalent education and clinical experience;~~

~~(3) A mental health professional as defined by chapter 71.05 RCW;~~

~~(4) A mental retardation professional who is either a qualified therapist or a therapist approved by the department who has had specialized training or one year's experience in treating or working with the mentally retarded or developmentally disabled;~~

~~(5) A social worker who is a graduate of a school of social work;~~

~~(6) A speech pathologist who is eligible for a certificate of clinical competence in speech pathology or who has the equivalent education and clinical experience;~~

~~(7) A physical therapist as defined by chapter 18.74 RCW;~~

~~(8) An occupational therapist who is a graduate of a program in occupational therapy, or who has the equivalent of such education or training;))~~

"Recipient" - A medical care recipient.

"Regression analysis" - A statistical technique through which one can analyze the relationship between a dependent or criterion variable and a set of independent or predictor variables.

"Related organization" - An entity which, to a significant extent, is under common ownership and/or control with, or has control of or is controlled by, the contractor. An entity is deemed to "control" another entity if it has a five percent or greater ownership interest in the other, or if it has capacity, derived from any financial or other relationship, and whether or not exercised, to influence directly or indirectly the activities of the other.

"Relative" - Spouse; natural parent, child, or sibling; adopted child or adoptive parent; step-parent, step-child, step-brother, step-sister; father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law; grandparent or grandchild; uncle, aunt, nephew, niece or cousin.

"Restricted fund" - A fund the use of the principal and/or income of which is restricted by agreement with or direction by the donor to a specific purpose, in contrast to a fund over which the contractor has complete control. These generally fall into three categories:

(1) Funds restricted by the donor to specific operating purposes;

(2) Funds restricted by the donor for additions to property, plant, and equipment; and

(3) Endowment funds.

"Secretary" - The secretary of the department of social and health services (DSHS).

"Skilled nursing facility" - A licensed facility certified to deliver skilled nursing care services to medical care recipients.

"SNF" - When referring to a facility, a skilled nursing facility. When referring to a level of care, skilled nursing care. When referring to a patient, a patient requiring skilled nursing care.

"Start-up costs" - The one-time preopening costs incurred from the time preparation begins on a newly constructed or purchased building until the first patient is admitted. Start-up costs include administrative and nursing salaries, utility costs, taxes, insurance, repairs and maintenance, training costs, etc. They do not include expenditures for capital assets.

"Title XIX" - The 1965 amendments to the social security act, P.L. 89-07, as amended.

"Unallowable costs" - Costs which do not meet every test of an allowable cost.

"Uniform chart of accounts" - A list of account titles identified by code numbers established by the department for contractors to use in reporting ((their)) costs.

"Vendor number" - A number assigned to each contractor delivering care services to medical care recipients.

"Working capital" - Total current assets which are necessary, ordinary, and related to patient care from the most recent cost report minus total current liabilities which are necessary, ordinary, and related to patient care from the most recent cost report.

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-503 SUBSTANCE PREVAILS OVER FORM.

(1) In determining allowable costs, the substance of a transaction will prevail over its form. Accordingly, allowable costs will not include increased costs resulting from transactions or the application of accounting methods which circumvent the principles of the prospective cost-related reimbursement system.

(2) Increased costs resulting from a series of transactions between the same parties and involving the same assets (e.g., sale, and lease-back, successive sales or leases of a single facility or piece of equipment) will not be allowed.

~~((3) The payment for property usage is to be independent of ownership structure and financing arrangements. This subsection is effective January 1, 1981, for purposes of rate setting for rate periods beginning July 1, 1982, and subsequently. This subsection is effective July 1, 1982, for all purposes.))~~

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-507 COSTS OF MEETING STANDARDS. All

necessary and ordinary expenses a contractor incurs in providing care services meeting all applicable standards will be allowable costs. These expenses include necessary and ordinary costs of:

(1) Meeting licensing and certification standards;

(2) Meeting standards of providing regular room, nursing, ancillary, and dietary services, in accordance with WAC 388-88-050 and 388-88-051;

(3) Fulfilling accounting and reporting requirements imposed by this chapter ((and chapter 74.46 RCW)); and

(4) Performing any patient assessment activity required by the department.

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-525 EDUCATION AND TRAINING. (1) Necessary

and ordinary expenses of on-the-job training and in-service training required for employee orientation and certification training directly related to the performance of duties assigned will be allowable costs.

(2) Ordinary expenses of nursing assistant training conducted pursuant to chapter ~~((18.54A(18.52A)))~~ 18.52A RCW will be allowable costs.

(3) Necessary and ordinary expenses of recreational and social activity training conducted by the contractor for volunteers will be allowable costs. Expenses of training programs for other nonemployees will not be allowable costs.

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-529 TOTAL COMPENSATION—OWNERS, RELATIVES AND CERTAIN ADMINISTRATIVE PERSONNEL. ~~((+))~~ For purposes of the tests in WAC 388-96-531 and 388-96-533, total compensation includes gross salary or wages ~~((excluding payroll taxes paid by the contractor, plus))~~ and fringe benefits (e.g., health insurance) made available to all employees, but excludes payroll taxes paid by the contractor.

~~((2) For purposes of the test in WAC 388-96-533:~~

~~(a) Subsection (1) of this section shall apply for settlement purposes for periods prior to January 1, 1981, and for rate-setting purposes for periods prior to July 1, 1982.~~

~~(b) For other periods, subsection (1) of this section shall be presumed to apply, absent contrary evidence of the terms of the contract between the contractor and the administrative personnel.))~~

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-533 MAXIMUM ALLOWABLE COMPENSATION OF CERTAIN ADMINISTRATIVE PERSONNEL. (1)

Compensation for administrative personnel shall be an allowable cost, subject to the limits contained in this section. ~~((Effective January 1, 1981, for settlement purposes for periods after that date and for rate-setting purposes for periods beginning July 1, 1982, and subsequently,~~

such compensation shall be as defined in the contract between the contractor and such personnel, subject to the limits contained in this section:))

(2) Total compensation of the licensed administrator for services actually rendered to a nursing home on a full-time basis (at least forty hours per week, including reasonable vacation, holiday and sick time) will be allowable at the lower of (a) actual compensation received, or (b) the amount in the table in subsection ~~((4))~~ (5) of this section corresponding to the number of beds in the nursing home. Compensation of the licensed administrator will only be allowable if the department is given written notice of his or her employment within ten days after it begins.

(3) Total compensation of not more than one full-time licensed assistant administrator will be allowable if there are at least eighty beds in the nursing home, at the lower of (a) actual compensation received, or (b) seventy-five percent of the appropriate amount in the table in subsection ~~((4))~~ (5) of this section.

(4) Total compensation of not more than one full-time registered administrator-in-training will be allowable at the lower of (a) actual compensation received, or (b) sixty percent of the appropriate amount in the table in subsection (5) of this section.

(5) TABLE

Maximum Allowable Total Compensation for Licensed Administrators—Calendar Year 1981

BED SIZE	
1 - 79	\$27,200
80 - 159	\$30,100
160 and up	\$32,000

(6) A table to be promulgated by the department will apply for subsequent calendar years.

(7) If the licensed administrator, licensed assistant administrator, or registered administrator-in-training regularly work fewer than forty hours per week, allowable compensation shall be the lower of (a) actual compensation received, or (b) the appropriate amount in the table in subsection (5) of this section multiplied by the percentage derived from the division of the actual hours worked by forty hours. Further discounting is required if the person was licensed or registered and/or worked for less than the entire report period.

(8) The contractor shall maintain customary time records for the licensed administrator, assistant administrator, and/or administrator-in-training.

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-535 MANAGEMENT AGREEMENTS, MANAGEMENT FEES AND CENTRAL OFFICE SERVICES. (1) If a contractor intends to enter into a management agreement with an individual or firm which will manage the nursing home as agent of the contractor, a copy of the agreement must be received by the department at least ninety days before it is to become effective. A copy of any amendment to a management agreement must also be received by the department in advance of the date it is to become effective. No management fees for periods prior to the time the department receives a copy of the applicable agreement will be allowable. When necessary for the health and safety of medical care recipients, the ninety-day notice requirement may be waived, in writing, by the department.

(2) Management fees will be allowed only if (a) a written management agreement both creates a principal/agent relationship between the contractor and the manager, and sets forth the items, services, and activities to be provided by the manager; and (b) documentation demonstrates that the services contracted for were actually delivered. To be allowable, fees must be for necessary, non-duplicative services.

(3) Allowable fees for general management services, including the portion of a management fee which is not allocated to specific services such as accounting, are limited to (a) the maximum allowable compensation under WAC 388-96-533 of the licensed administrator and, if the facility has at least eighty beds, of an assistant administrator, less (b) actual compensation received by the licensed administrator and by the assistant administrator, if any. In computing maximum allowable compensation under WAC 388-96-533 for a facility with at least eighty set-up beds, include the maximum compensation of an assistant administrator even if no assistant administrator is employed.

(4) ~~((a) Notwithstanding subsection (3) of this section, effective January 1, 1981, for purposes of setting rates for rate periods beginning July 1, 1982, and subsequently, this subsection shall apply:~~

~~(b) Effective July 1, 1982, this subsection shall apply instead of subsection (3) of this section for all purposes:~~

~~(c) Allowable fees for general management services, including the portion of a management fee which is not allocated to specific services such as accounting, are limited to:~~

~~(i) The maximum allowable compensation under WAC 388-96-533 of the licensed administrator, and, if the facility has at least eighty beds, of an assistant administrator, less~~

~~(ii) Actual compensation received by the licensed administrator and by the assistant administrator and administrator-in-training, if any.~~

~~In computing maximum allowable compensation under WAC 388-96-533 for a facility with at least eighty beds, include the maximum compensation of an assistant administrator even if no assistant administrator is employed:~~

~~(5)) A management fee paid to or for the benefit of a related organization will be allowable to the extent it does not exceed the lesser of (a) the limits set out in subsection (3) of this section, or (b) the lower of the actual cost to the related organization of providing necessary services related to patient care under the agreement, or the cost of comparable services purchased elsewhere. Where costs to the related organization represent joint facility costs, the measurement of such costs shall comply with WAC 388-96-534.~~

~~((6)) (5) Central office joint facility costs for general management services, including the portion of a management expense which is not allocated to specific services, shall be subject to the management fee limits determined in subsections (3)(c) and (4)(i-and-5)) of this section.~~

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-539 ALLOWABLE INTEREST. (1) The contractor's necessary and ordinary interest for working capital and capital indebtedness will be allowable.

(a) To be necessary, interest must be incurred in connection with a loan which satisfies a financial need of the contractor and be for a purpose related to patient care. Interest expense relating to business opportunity or goodwill will not be allowed.

(b) To be ordinary, interest must be at a rate which is not in excess of what a prudent borrower would have to pay at the time of the loan in an ~~((arms-length))~~ arm's-length transaction in the money market.

(c) Interest expense shall include amortization of bond discounts and expenses related to the bond issue. Amortization shall be over the period from the date of sale to the date of maturity or, if earlier, the date of extinguishment of the bonds.

(2) Interest paid to or for the benefit of a related organization will be allowed only to the extent the actual interest does not exceed the cost to the related organization of obtaining the use of the funds.

~~((3) This section shall cease to be effective on January 1, 1981, for purposes of computing rates for rate periods beginning July 1, 1982, and subsequently:~~

~~(4) This section shall cease to be effective on July 1, 1982, for all purposes:))~~

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-541 OFFSET OF INTEREST INCOME. (1) In computing allowable costs, interest income from the investment or lending of nonrestricted funds shall be deducted from allowable interest expense.

(2) Interest income from the investment or lending of restricted funds shall not be deducted from allowable interest expense.

~~((3) This section shall cease to be effective on January 1, 1981, for purposes of computing rates for rate periods beginning July 1, 1982, and subsequently:~~

~~(4) This section shall cease to be effective on July 1, 1982, for all purposes:))~~

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-543 EXPENSE FOR CONSTRUCTION INTEREST. Interest expense and loan origination fees relating to construction of a nursing home incurred during the period of construction shall be capitalized and amortized over not less than sixty consecutive months from the date the first patient is admitted. ~~((For settlement purposes for periods subsequent to December 31, 1980, and for rate-~~

setting purposes for periods beginning July 1, 1982, and subsequently, such expenses and fees shall be amortized over the life of the facility pursuant to WAC 388-96-565, but not in excess of the project certificate of need period pursuant to RCW 70.38.125.) The period of construction shall extend from the date of the construction loan to the date the facility is put into service for patient care.

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-547 OPERATING LEASES OF FACILITIES AND EQUIPMENT ~~((—TRANSITION PERIOD)).~~ ~~((+))~~ Rental or lease costs under ~~((arms-length))~~ arm's-length operating leases of facilities and/or equipment shall be allowable ~~((for settlement purposes only for periods prior to July 1, 1982;))~~ to the extent the cost is not in excess of ~~((arms-length))~~ arm's-length rental or lease costs of comparable facilities or equipment.

~~((2))~~ Effective July 1, 1982, such costs shall only be allowable as provided in WAC 388-96-545.)

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-557 DEPRECIABLE ASSETS. (1) Tangible assets of the following types in which a contractor has an economic interest through ownership are subject to depreciation:

- (a) Building - the basic structure or shell and additions thereto.
- (b) Building Fixed Equipment - attachments to buildings, such as wiring, electrical fixtures, plumbing, elevators, heating system, and air conditioning system. The general characteristics of this equipment are:
 - (i) Affixed to the building and not subject to transfer; and
 - (ii) A fairly long life, but shorter than the life of the building to which affixed.
- (c) Major Movable Equipment - such items as beds, wheelchairs, desks, and x-ray machines. The general characteristics of this equipment are:
 - (i) A relatively fixed location in the building;
 - (ii) Capable of being moved as distinguished from building equipment;
 - (iii) A unit cost sufficient to justify ledger control;
 - (iv) Sufficient size and identity to make control feasible by means of identification tags; and
 - (v) A minimum life of approximately three years. Effective January 1, 1981, for settlement purposes for periods subsequent to that date, and for purposes of setting rates for periods beginning July 1, 1982, and subsequently, this equipment shall be characterized by a minimum life of greater than one year.
- (d) Minor Equipment - such items as waste baskets, bed pans, syringes, catheters, silverware, mops, and buckets which are properly capitalized. No depreciation shall be taken on items which are not properly capitalized (see WAC 388-96-553). The general characteristics of minor equipment are:

- (i) In general, no fixed location and subject to use by various departments;
- (ii) Small in size and unit cost;
- (iii) Subject to inventory control;
- (iv) Large number in use; and
- (v) Generally, a useful life of one to three years.

(e) Land Improvements - such items as paving, tunnels, underpasses, on-site sewer and water lines, parking lots, shrubbery, fences, walls, etc., where replacement is the responsibility of the contractor.

(f) Leasehold Improvements - betterments and additions made by the lessee to the leased property, which become the property of the lessor after the expiration of the lease.

(2) Land is not depreciable. The cost of land includes the cost of such items as off-site sewer and water lines, public utility charges necessary to service the land, governmental assessments for street paving and sewers, the cost of permanent roadways and grading of a nondepreciable nature, and the cost of curbs and sidewalks, replacement of which is not the responsibility of the contractor.

~~((3))~~ Assets of the kind defined in this section as subject to depreciation in which the contractor has an interest through leasing are subject to depreciation through June 30, 1982, only for purposes of setting rates for rate periods beginning July 1, 1982, and subsequently. Beginning July 1, 1982, such assets are subject to depreciation for all purposes.)

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-559 DEPRECIATION BASE. (1) The depreciation base shall be the historical cost of the contractor in acquiring the asset from an unrelated organization and preparing it for use, less goodwill and less accumulated depreciation which has been incurred during periods that the assets have been used in or as a facility by the contractor, such accumulated depreciation to be measured in accordance with subsection (4) of this section and ~~((such portions of))~~ WAC 388-96-561, ~~((388-96-563;))~~ 388-96-565, and 388-96-567 ~~((as are applicable to the period for which the depreciation expense is being claimed)).~~ If the department challenges the historical cost of an asset, it will have the fair market value of the asset at the time of purchase established by ~~((an MAI))~~ appraisal ~~((for facilities)).~~ The fair market value of items of equipment will be established by appraisals performed by vendors of the particular type of equipment. ~~((The department may also have the fair market value established by the department of general administration, through an appraisal proceeding.))~~ When these appraisals are conducted, the depreciation base of the asset will not exceed its fair market value. Estimated salvage value shall be deducted from historical cost where the straight-line or sum-of-the-years digits method of depreciation is used.

(2) Effective January 1, 1981, for purposes of setting rates for rate periods beginning July 1, 1982, and subsequently, subsection (1) of this section shall be applied with the phrase "in an arm's-length transaction" replacing the phrase "from an unrelated organization."

(3) Effective July 1, 1982, in all cases subsection (1) of this section shall be applied with the phrase "in an arm's-length transaction" replacing the phrase "from an unrelated organization."

(4) Where depreciable assets are acquired from a related organization, the contractor's depreciation base shall not exceed the base the related organization had or would have had under a contract with the department.

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-565 LIVES. (1) The contractor shall use lives no shorter than guideline lives contained in the internal revenue service Class Life ADR System or published by the American hospital association in computing allowable depreciation. The shortest life which may be used for buildings is thirty years.

(2) Lives shall be measured from the date of the most recent ~~((arms-length))~~ arm's-length acquisition of the asset.

~~((3))~~ ~~((a))~~ This subsection shall apply in the place of subsection (2) of this section effective January 1, 1981, for settlement purposes for periods subsequent to that date, and for purposes of setting rates for periods beginning July 1, 1982, and subsequently:

~~((b))~~ Lives shall be measured from the date of the most recent arms-length acquisition of the asset or from the date on which the asset was first used in the medical care program, whichever is more recent. In cases where WAC 388-96-563 does apply, the shortest life that may be used for buildings is the remaining useful life under the prior contract. In all cases, lives shall be extended to reflect periods, if any, when assets were not used in or as a facility.

~~((4))~~ Building improvements shall be depreciated over the remaining useful life of the building, as modified by the improvement, but not less than fifteen years.

~~((5))~~ ~~((4))~~ Improvements to leased property which are the responsibility of the contractor under the terms of the lease shall be depreciated over the useful life of the improvement.

~~((6))~~ ~~((5))~~ A contractor may change the estimate of an asset's useful life to a longer life for purposes of depreciation.

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-567 METHODS OF DEPRECIATION. (1) Buildings, land improvements, and fixed equipment shall be depreciated using the straight-line method. Major-minor equipment shall be depreciated using either the straight-line method, the sum of the years' digits method, or declining balance method not to exceed ~~((150%))~~ one hundred fifty percent of the straight-line rate. Contractors which have elected to take either the sum-of-the-years' digits method or the declining balance method of depreciation on major-minor equipment may change to the straight-line method without permission of the department.

(2) The annual provision for depreciation shall be reduced by the portion allocable to use of the asset for purposes not both necessary and related to patient care.

(3) No further depreciation shall be claimed after an asset has been fully depreciated unless a new depreciation base is established pursuant to WAC 388-96-559 ((or 388-96-563)).

AMENDATORY SECTION (Amending Order 1613, filed 2/25/81)

WAC 388-96-585 UNALLOWABLE COSTS. (1) Costs will be unallowable if they are not documented, necessary, ordinary, and related to the provision of care services to authorized patients.

(2) ((~~Nonallowable~~)) Unallowable costs include, but are not limited to, the following:

(a) Costs of items or services not covered by the medical care program. Costs of nonprogram items or services will be unallowable even if they are indirectly reimbursed by the department as the result of an authorized reduction in patient contribution.

(b) Costs of services and items provided to SNF, ICF or IMR recipients which are covered by the department's medical care program but not included in SNF, ICF or IMR services respectively. Items and services covered by the medical care program are listed in chapter 388-86 WAC.

(c) Costs associated with a capital expenditure subject to Section 1122 approval (part 100, Title 42 C.F.R.) if the department found it was not consistent with applicable standards, criteria or plans. If the department was not given timely notice of a proposed capital expenditure, all associated costs will be nonallowable as of the date ((they)) the costs are determined not to be reimbursable under applicable federal regulations.

(d) Costs associated with a construction or acquisition project requiring certificate of need approval pursuant to chapter 70.38 RCW if such approval was not obtained.

(e) Costs of outside activities (e.g., costs allocable to the use of a vehicle for personal purposes, or related to the part of a facility leased out for office space).

(f) Salaries or other compensation of officers, directors, stockholders, and others associated with the contractor or home office, except compensation paid for service related to patient care.

(g) Costs in excess of limits or violating principles set forth in this chapter ((or in chapter 74.46 RCW)).

(h) Costs resulting from transactions or the application of accounting methods which circumvent the principles of the prospective cost-related reimbursement system.

(i) Costs applicable to services, facilities, and supplies furnished by a related organization in excess of the lower of the cost to the related organization or the price of comparable services, facilities or supplies purchased elsewhere.

(j) Bad debts.

(k) Charity and courtesy allowances.

(l) Cash, assessments, or other contributions, excluding dues, to charitable organizations, professional organizations, trade associations, or political parties, and costs incurred to improve community or public relations.

(m) Vending machine expenses.

(n) Expenses for barber or beautician services not included in routine care.

(o) Funeral and burial expenses.

(p) Costs of gift shop operations and inventory.

(q) Personal items such as cosmetics, smoking materials, newspapers and magazines, and clothing, except those used in patient activity programs or in IMR programs where clothing is a part of routine care.

(r) Fund-raising expenses, except those directly related to the patient activity program.

(s) Penalties and fines.

(t) Expenses related to telephones, televisions, radios, and similar appliances in patients' private accommodations.

(u) Federal, state, and other income taxes.

(v) Costs of special care services except where authorized by the department.

(w) Expenses of key-man insurance and other insurance or retirement plans not in fact made available to all employees.

(x) Expenses of profit-sharing plans.

(y) Expenses related to the purchase and/or use of private or commercial airplanes which are in excess of what a prudent contractor would expend for the ordinary and economic provision of such a transportation need related to patient care.

(z) Personal expenses and allowances of owners or relatives.

(aa) All expenses of maintaining professional licenses or membership in professional organizations. ((For settlement purposes for periods prior to January 1, 1981, such expenses are unallowable only if not related to the operation of the facility:))

(bb) Costs related to agreements not to compete.

(cc) Goodwill and amortization of goodwill.

(dd) Expense related to vehicles which are in excess of what a prudent contractor would expend to the ordinary and economic provision of transportation needs related to patient care.

(ee) Legal and consultant fees in connection with a fair hearing against the department where a decision is rendered in favor of the department or where otherwise the determination of the department stands.

(ff) Legal and consultant fees in connection with a lawsuit against the department.

(gg) Lease acquisition costs and other intangibles not related to patient care.

((~~hh~~) All audit costs incurred pursuant to RCW 74.46.120(1):)

NEW SECTION

WAC 388-96-705 PAYMENT FOR SERVICES AFTER SETTLEMENT. When payment for services is first made following preliminary or final settlement for the period during which the services were provided, payment will be at the most recent available settlement rate.

AMENDATORY SECTION (Amending Order 1300, filed 6/1/78)

WAC 388-96-760 UPPER LIMITS TO REIMBURSEMENT RATE. The reimbursement rate shall not exceed the contractor's customary charges to the general public for the services covered by the rate, except that public facilities rendering such services free of charge or at a nominal charge will be reimbursed according to the methods and standards set out in this chapter. The contractor shall immediately inform the department if its reimbursement rate does exceed customary charges for comparable services. If necessary, the rate will be adjusted in accordance with WAC 388-96-769. Rates will not exceed the limits set out at 42 CFR ((450.30(b)(6))) 447.316.

AMENDATORY SECTION (Amending Order 1264, filed 1/9/78)

WAC 388-96-769 ADJUSTMENTS REQUIRED DUE TO ERRORS OR OMISSIONS. (1) Prospective rates are subject to adjustment by the department as a result of errors or omissions by the department or by the contractor. The department will notify the contractor in writing of each adjustment and of its effective date, and of any amount due to the department or to the contractor as a result of the rate adjustment. Rates which are adjusted in accordance with this section will be effective as of the effective date of the original rate.

(2) The contractor shall pay an amount it owes the department resulting from an error or omission, or commence repayment in accordance with a schedule determined by the department, within sixty days after receipt of notification of the rate adjustment, unless the contractor contests the department's determination in accordance with the procedures set out in WAC 388-96-904. If the determination is contested, the contractor shall pay or commence repayment within sixty days after completion of these proceedings. If a refund is not paid when due, the amount thereof may be deducted from current payments by the department.

(3) The department shall pay any amount it owes the contractor as a result of a rate adjustment within thirty days after it notifies the contractor of the rate adjustment.

(4) No adjustments will be made to a rate more than one hundred twenty days after the ((annual settlement)) final audit narrative and summary for the period in which the rate was effective ((has become final)) is sent to the contractor.

AMENDATORY SECTION (Amending Order 1264, filed 1/9/78)

WAC 388-96-772 REQUESTS FOR REVISION OF A PROSPECTIVE RATE. (1) A contractor may at any time request in writing a revision of its current rate. Each request shall include a detailed explanation of significant changes in the factors used to establish its rate, or of significant changes in actual costs incurred or anticipated, and an analysis of the financial impact of the changes.

(2) A revision may be granted if the department determines that the changes will cause the contractor substantial and unreasonable hardship. Such hardship will be determined on the basis of all applicable

facts and circumstances, but will not be deemed to exist unless the changes in costs or factors are expected to result in increased costs exceeding both fifteen thousand dollars annually and fifteen cents per patient day.

((2)) (3) The department will inform a contractor of the disposition of a request within sixty days after receipt of the request and of any documentation necessary to support it. Unless otherwise specified, a revised rate shall be effective as of the first day of the month in which it is issued.

((3)) (4) A formal request is not required for a rate increase granted to all contractors to cover the cost of meeting new federal or state requirements.

REPEALER

The following sections of the Washington Administrative Code are repealed.

- (1) WAC 388-96-015 PHASE-IN OF OTHER DEFINITIONS.
 (2) WAC 388-96-537 TEMPORARY CONTRACT LABOR.
 (3) WAC 388-96-545 OPERATING LEASES OF EQUIPMENT.
 (4) WAC 388-96-563 DEPRECIATION BASE OF ASSETS PREVIOUSLY USED IN MEDICAL CARE PROGRAM.
 (5) WAC 388-96-587 PHASE-IN OF OTHER UNALLOWABLE COSTS.

WSR 81-19-004
PROPOSED RULES
INSURANCE COMMISSIONER
STATE FIRE MARSHAL
 [Filed September 4, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Insurance Commissioner/State Fire Marshal intends to adopt, amend, or repeal rules concerning boarding homes, standards for fire protection, chapter 212-36 WAC;

that such agency will at 10:00 a.m., Tuesday, October 27, 1981, in the State Fire Marshal Office, Room 500-B, State Modular Office Building, Thurston Airdustrial Center, Tumwater, Washington 98504, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 10:00 a.m., Tuesday, November 24, 1981, in the State Fire Marshal Office, Room 500-B, State Modular Office Building, Thurston Airdustrial Center, Tumwater, Washington 98504.

The authority under which these rules are proposed is RCW 18.20.130 and 48.48.050.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to October 27, 1981, and/or orally at 10:00 a.m., Tuesday, October 27, 1981, State Fire Marshal's Office, Room 500-B, State Modular Office Building, Thurston Airdustrial Center, Tumwater, Washington 98504.

Dated: September 4, 1981

By: Thomas R. Brace

Director, Division of State Fire Marshal

STATEMENT OF PURPOSE

Rules of the State Fire Marshal governing fire and life safety in boarding homes licensed by the State of Washington pursuant to RCW 18.20.130.

This rule establishes minimum standards for fire and life safety for residents occupying boarding homes licensed by the Department of Social and Health Services. It prescribes requirements for abating the conditions which present a threat to human life, by ensuring that guests are properly forewarned of the presence of fire, and that guests are able to leave the building by way of a tenable means of egress.

Procedures for enforcing these rules shall be in accordance with the licensing laws, rules of the licensing agency, and written interagency agreement between the licensing agency and State Fire Marshal.

This rule is necessary to ensure that a uniform program of inspection and hazard abatement may take place in boarding homes licensed by the Department of Social and Health Services.

Implementing this rule will not expand the responsibilities currently embodied in the laws governing the State Fire Marshal's Office.

The agency personnel responsible for the drafting, implementation and enforcement of this rule is Mr. Ted Curcio, Supervisor, Health Care Facilities Fire Protection, Office of State Fire Marshal, Thurston Airdustrial Center, LM-14, Building 12, Olympia, Washington 98504, Telephone Number: (206) 753-3658.

The Office of State Fire Marshal is proposing this rule.

This rule is not made necessary by either a change in federal law or state court action.

AMENDATORY SECTION (Amending Order FM-77-3, filed 12/8/77)

WAC 212-36-001 PURPOSE. The purpose of this regulation is to adopt recognized standards for the protection of life against the cause and spread of fire and fire hazards pursuant to RCW 18.20.130, with respect to all facilities to the licensed as boarding homes by the department of social and health services.

AMENDATORY SECTION (Amending Order FM-77-3, Filed 12/8/77)

WAC 212-36-005 DEFINITIONS. The following definitions shall apply to this regulation:

(1) "Boarding home"((:)) means any home or other institution, however named, which is advertised, announced or maintained for the express or implied purpose of providing board and domiciliary care to three or more aged persons not related by blood or marriage to the operator. It shall not include any home, institution or section thereof which is otherwise licensed and regulated under the provisions of state law providing specifically for the licensing and regulation of such home, institution or section thereof.

(2) "Ambulatory resident"(~~(: physically and mentally capable of walking a normal path to safety, including the ascent and descent of stairs)~~) means a resident who physically and mentally is capable of walking unaided or is capable of independent mobility with the use of a cane, crutches, a walker, a wheelchair, or artificial limb. "Ambulatory resident" shall not be interpreted to include a person who needs the assistance of another person in order to get into and out of bed, to transfer to a chair or water closet, or to move from place to place. It shall be interpreted to mean a person who is able to walk or traverse a normal path to safety unaided.

(3) "Aged person" means a person of the age sixty-five years or more, or a person of less than sixty-five years who by reason of infirmity requires domiciliary care.

(4) "Infirmity" means a disability which materially limits normal activity but does not cause an individual to need inpatient medical or nursing care of a type provided by institutions licensed under the provisions of chapters 18.46, 18.51, 70.41 or 71.12 RCW. An infirmity may be based on conditions including, but not limited to, physical handicap, mental illness, developmental disability, chemical addiction

or ~~((habitual))~~ habitation or mental confusion, disability or disturbance.

(5) "Licensing agency" ~~((:))~~ means the Washington state department of social and health services.

(6) ~~(("Building official", the person or agency appointed by the governing body of each city, town or county for the administration and enforcement of the Uniform Building Code, adopted by reference by the State Building Code Act:))~~ "Approved" as to materials and types of construction means approval by the state fire marshal as the result of investigation and tests conducted by him, or by reason of accepted principles or tests by national authorities, technical or scientific organizations.

(7) "Fire official" ~~((:))~~ means the person or agency appointed by the governing body of each city, town or county for the administration and enforcement of the Uniform Fire Code, adopted by reference by the State Building Code Act.

(8) ~~(("Fire chief", the chief of the fire department providing fire protection services to the boarding home:))~~ "Approved agency" means an established and recognized agency regularly engaged in conducting tests or furnishing inspection services, when such agency has been approved by the state fire marshal.

~~((("State Building Code Act", chapter 19.27 RCW, effective January 1, 1975, which establishes state-wide building and fire prevention codes and mandates enforcement by each city, town and county:))~~

AMENDATORY SECTION (Amending Order FM-77-3, filed 12/8/77)

WAC 212-36-010 APPLICABILITY. This regulation applies to all facilities licensed or subject to licensure as boarding homes by the department of social and health services and includes occupancy as homes for the aged and infirm, drug abuse facilities, mental health facilities, and facilities for the developmentally disabled.

AMENDATORY SECTION (Amending Order FM-77-3, filed 12/8/77)

WAC 212-36-040 STANDARDS. The following standards shall be applicable to all boarding homes ~~((built or))~~ licensed after the effective date of this regulation. Boarding homes licensed prior to the effective date of this regulation shall be subject to the ~~((construction))~~ fire protection requirements ~~((in effect at the time of licensing, provided continued use does not compromise resident safety, and the use and maintenance standards of this regulation))~~ of WAC 212-36-098.

AMENDATORY SECTION (Amending Order FM-77-3, filed 12/8/77)

WAC 212-36-045 CONSTRUCTION REQUIREMENTS. New construction shall comply with the ~~((1976))~~ 1979 Uniform Building Code - Group R, Division I, for basic construction ~~((and the Group I exit requirements of chapter 33:))~~ plus the additional standards as contained in this regulation.

EXCEPTION: Type 5N construction is not permitted.

NEW SECTION

WAC 212-36-046 STAIRWAY ENCLOSURES. Every interior stairway or ramp shall be enclosed as specified in the 1979 Uniform Building Code, Section 3308 (b), (c), (d), and (f).

NEW SECTION

WAC 212-36-047 EXTERIOR STAIRS. All required exterior fire exit stairs shall be provided with an approved enclosure to prevent an accumulation of snow and ice.

NEW SECTION

WAC 212-36-048 COMPARTMENTATION. Every story having an occupant load of thirty or more persons shall be divided into at least two compartments by smoke partitions having a fire resistance of at least one hour. No compartment shall contain more than 22,500 square feet, of which neither length nor width shall be more than 150 feet. Corridor openings in the smoke partition shall be protected with doors as required in the 1979 Uniform Building Code, Section 3304(h). Other openings shall be limited to ducts which have fire

dampers in the plane of the wall activated by smoke detectors, except where an engineered smoke control system is installed.

NEW SECTION

WAC 212-36-049 HAZARDOUS AREAS. Every room containing a boiler or central heating plant, laundries, storage rooms, craft shops, kitchens, repair shops, trash collection rooms, or other occupancies which may present an unusual hazard to the occupants shall be provided with a one-hour fire-resistive separation.

AMENDATORY SECTION (Amending Order FM-77-3, filed 12/8/77)

WAC 212-36-050 ~~((MODERNIZATION OR RENOVATION:))~~ ADDITIONS, ALTERATIONS, OR REPAIRS. No construction in either ~~((modernization or renovation projects))~~ additions, alterations, or repairs shall diminish the fire safety features of the facility below the level of new construction, as required elsewhere in this regulation. ~~((Alterations or installations of new building services equipment shall be accomplished as near as possible in conformance with the requirements for new construction:))~~

AMENDATORY SECTION (Amending Order FM-77-3, filed 12/8/77)

WAC 212-36-055 ADDITIONS. Any addition shall be separated from any existing nonconforming structure by a ~~((noncombustible or limited-combustible fire partition. Communications in dividing fire partitions shall occur only in corridors and shall be protected by approved self-closing doors))~~ minimum two-hour fire-resistive separation. Wall openings shall be protected by one and one-half hour Class B fire door and fire damper assemblies.

NEW SECTION

WAC 212-36-056 CORRIDOR WALLS. Corridor walls and ceilings shall not be less than one-hour fire-resistive construction. Every corridor door opening shall be protected by a tight fitting smoke and draft control door assembly having a fire protection rating of not less than twenty minutes. The door and frames shall bear an approved label. Doors shall be maintained self-closing or shall be automatic-closing by an approved products of combustion device other than heat.

NEW SECTION

WAC 212-36-057 INTERIOR FURNISHINGS. Window draperies, curtains for decorative or acoustical purposes, cubicle curtains, and artificial vegetation shall be noncombustible, or rendered and maintained flame resistant. Waste baskets and other waste containers shall be of noncombustible or other approved materials.

NEW SECTION

WAC 212-36-058 FLOOR COVERINGS. The following is the procedure and requirement for approval of floor coverings and carpeting:

(1) A minimum of three inch by five inch sample of each carpet labeled to identify the manufacturer and specific firm designation (trade name and number).

(2) A copy of a testing laboratory report to include flame spread and smoke density.

(3) The floor radiant panel test shall be used with flux of not less than 0.45 watts per square centimeter (1978 NFPA Standard 253; Center for Fire Research, National Bureau of Standards NBSIR 78-1436).

(4) Smoke density shall not exceed 450 (1976 NFPA Standard 258; National Bureau of standards Smoke Chamber).

(5) The requirements apply to corridors, rooms and stairways.

(6) The 0.45 watts per square centimeter is considered as qualifying the following:

(a) The 1979 Uniform Building Code, Table 42-A for Class I and II materials.

(b) The 1981 National Fire Protection Association Standard 101 Life Safety Code, Section 6-5 for Class I materials.

(7) A floor plan showing areas to be carpeted and adjoining areas. These shall be labeled according to function, and the proposed carpeted areas coded to plan and keyed to the appropriate carpet sample.

NEW SECTION

WAC 212-36-067 SMOKING REGULATIONS. Regulations to control smoking shall be adopted and prominently posted throughout the building. The smoking regulations shall include a policy that residents may not smoke in bed. If the deputy state fire marshal finds evidence of dangerous misuse of smoking materials, such as burn marks on bedding, floors or furniture, the facility management shall be required to designate special areas where smoking will be allowed. Ashtrays of noncombustible material and of safe design shall be provided in all areas where smoking is permitted.

AMENDATORY SECTION (Amending Order FM-77-3, filed 12/8/77)

WAC 212-36-070 NUMBER OF EXITS((--SEPARATION)). At least two exits, located remote from each other, shall be provided from each ((resident-occupied)) floor or fire division. ~~((Walls of corridors shall be of not less than one-hour fire-resistive construction and the ceilings shall be not less than that required for a one-hour fire-resistive floor or roof system in other than fully sprinklered buildings.))~~

NEW SECTION

WAC 212-36-073 EMERGENCY LIGHTING. (1) Emergency lighting facilities for means of egress shall be provided for every building or structure in accordance with this section.

(2) Where maintenance of illumination depends upon changing from one energy source to another, there shall be no appreciable interruption of illumination during the changeover. Where emergency lighting is provided by a prime mover-operated electric generator, a delay of not more than ten seconds shall be permitted.

(3) Emergency lighting facilities shall be so arranged to maintain the specified degree of illumination throughout the means of egress, but not less than one footcandle, for a period of one and one-half hours in the event of failure of the normal lighting.

(4) Battery-operated emergency lights shall use only reliable types of rechargeable batteries provided with suitable facilities for maintaining them in properly charged condition. Batteries used in such lights or units shall be approved for their intended use and shall comply with the National Electrical Code, NFPA 70.

(5) An emergency lighting system shall be so arranged as to provide the required illumination automatically in the event of any interruption of normal lighting, such as any failure of public utility or other outside electrical power supply, opening of a circuit breaker or fuse, or any manual act(s), including accidental opening of a switch controlling normal lighting facilities.

(6) An emergency lighting system shall be either continuously in operation or capable of repeated automatic operation without manual intervention.

(7) Stationary combustion engines to power generators shall be installed and maintained in conformance with 1979 National Fire Protection Association Standard 37. Annually, and prior to December first of each year, an inspection and test of the emergency generator shall be made and the results submitted to the state fire marshal. Inspections and tests shall be conducted and certified by firms licensed in the state of Washington and specializing in such equipment. The inspection and test information and results shall be completed on an official form provided by the state fire marshal.

AMENDATORY SECTION (Amending Order FM-77-3, filed 12/8/77)

WAC 212-36-075 AUTOMATIC SMOKE DETECTION. (1) An approved, automatic smoke detection system shall be installed in all corridors ((and)), in each room used for sleeping purposes, and all other areas required by the state fire marshal. Installation shall be in accordance with appropriate NFPA standards. ~~((Corridor detectors shall not be spaced further than thirty feet apart or more than fifteen feet from any wall. The smoke detection system shall be electrically interconnected with the fire alarm system.))~~

(2) Automatic heat or smoke detection devices shall be installed in all areas required by the state fire marshal and shall include, but not be limited to, attics, concealed spaces, boiler and furnace rooms, and other areas deemed to be hazardous.

(3) The installation shall be in conformance with the 1979 National Fire Protection Association Standards 72A and 72E.

NEW SECTION

WAC 212-36-077 AUTOMATIC SPRINKLER SYSTEMS. (1) Complete, approved fire extinguishing protection shall be provided throughout each newly constructed boarding home.

(2) National Fire Protection Association Standards #13 and #13A, 1980 Edition, shall be used for the installation and maintenance of automatic sprinkler systems.

(3) Electrically supervised shutoff valves and water flow alarm devices shall be provided on each floor and fire division, or as required by the state fire marshal.

(4) All automatic sprinkler and fire detection systems shall be electrically interconnected with the building fire alarm system. Actuation of any initiating device shall sound the building fire alarm system.

AMENDATORY SECTION (Amending Order FM-77-3, filed 12/8/77)

WAC 212-36-080 FIRE ALARM. (1) Every boarding home shall have an approved electrically supervised manual fire alarm system. Operation of any fire alarm activating device shall automatically, without delay, ~~((accomplish general alarm indication and sound an audible alarm throughout the building or affected portion thereof. The fire alarm system shall be so arranged to transmit an alarm automatically to the fire department legally committed to serve the area in which the boarding home is located, by the most direct and reliable method, approved by the fire chief))~~ sound general alarm and visual indication throughout the building. Annunciators shall be provided where the system serves more than one floor, one building, or one fire division. The fire alarm system shall automatically transmit off the premises by the most direct and reliable method approved by the state fire marshal. These include, but are not limited to, in order of priority: (a) A direct connection of the building alarm to the municipal alarm system, including radio alarm boxes, and (b) a direct connection of the building alarm to an approved central station.

(2) The installation shall be in conformance with the 1979 National Fire Protection Association Standard 72A.

NEW SECTION

WAC 212-36-081 VISUAL AND AUDIBLE WARNING SIGNALS. Each resident's room shall be equipped with visual and audible warning devices electrically interconnected with the building fire alarm system. The audible device shall sound at a minimum of 70 decibels and at least 10 decibels above the ambient noise level.

NEW SECTION

WAC 212-36-082 CONTRACTOR'S MATERIAL AND TEST CERTIFICATE. (1) A condition for final acceptance of the fire alarm system and automatic sprinkler system shall be the receipt of a completed copy of SFM 221, "Contractor's Material and Test Certificate Fire Alarm and Fire Detector Systems" and/or a completed copy of SFM Form 223, "Contractor's Material and Test Certificate Sprinkler Systems-Water Spray Systems."

(2) Final approval of the automatic system is contingent upon a successful performance test, accomplished by the installer, and witnessed by a member of the state fire marshal's office.

NEW SECTION

WAC 212-36-083 SECONDARY (STANDBY) POWER SUPPLY CAPACITY AND SOURCES. (1) The secondary (standby) power supply shall supply the energy to the system in the event of total failure or low voltage (less than 85 percent of the nameplate voltages) of the primary (main) power supply. The secondary (standby) supply shall be capable of operating the system under maximum normal load for 24 hours and then be capable of operating the system for five minutes continuously during an alarm condition. The secondary (standby) power supply shall automatically transfer to operate the system within 30 seconds of the loss of the primary (main) power supply. The secondary (standby) power supply shall consist of one of the following:

(a) A storage battery with 24 hours capacity.

(b) An engine-driven generator and storage batteries with 4 hours capacity.

(c) Multiple automatic-starting, engine-driven generators capable of supplying the energy required with the largest generator out of service.

(2) A separate power supply, independent of the primary (main) power supply, shall be provided for the operation of trouble signals when the primary (main) power supply fails. A primary battery (dry cells) shall not be used to power the trouble signals.

(3) All power supply sources shall be in conformance with 1979 National Fire Protection Association Standard 72A, Section 2-3.

AMENDATORY SECTION (Amending Order FM-77-3, filed 12/8/77)

WAC 212-36-090 FIRE DRILLS. At least twelve fire drills shall be held every year. Drills shall be conducted (~~quarterly on each shift~~) **monthly** to familiarize personnel and residents with signals and emergency action required under varied conditions. When drills are conducted between 9:00 p.m. and 6:00 a.m., a coded announcement may be used instead of audible alarms. Fire drills shall include the transmission of a fire alarm signal and simulation of emergency fire condition except that evacuation of residents is not required.

EXCEPTION: In facilities for developmentally disabled and mental health residents, complete evacuation drills shall be held quarterly to ensure that all residents and staff personnel are familiar with all means of exiting.

NEW SECTION

WAC 212-36-091 FIRE REPORTING. Notification of all fires, no matter how minor, shall be transmitted to the state fire marshal within forty-eight hours on a form provided by the state fire marshal. The information requested on the form shall be as complete as possible. A fire involving injury or death shall be reported immediately by phone to the state fire marshal, followed by the written report.

NEW SECTION

WAC 212-36-096 ANNUAL INSPECTION AND TEST OF FIRE PROTECTION SYSTEMS. Annually, and prior to December first of each year, an inspection and test of automatic sprinkler systems, automatic fire detection systems, fire alarm systems and specialized fire protection systems shall be made and results submitted to the state fire marshal. Inspections and tests shall be conducted and certified by firms licensed in the state of Washington and specializing in such systems. The inspection and test information shall be completed on an official form provided by the state fire marshal. The inspection and test shall be consistent with adopted National Fire Protection Association standards and chapter 212-14 WAC Fire Protection Systems and Equipment.

NEW SECTION

WAC 212-36-098 SPECIAL REQUIREMENTS FOR EXISTING BUILDINGS. The purpose of this section is to provide a reasonable degree of safety to persons living and sleeping in facilities licensed by the department of social and health services as boarding homes. This section provides for alterations to such existing buildings that do not conform with the minimum fire safety requirements of these standards for new construction.

(1) Scope. The provisions of this section shall apply exclusively to existing buildings to be occupied and licensed as boarding homes.

(2) Classification. Boarding homes shall be classified as Group R, Division I occupancies in accordance with the 1979 edition of the Uniform Building Code. Existing buildings more than two stories in height, or having more than 3,000 square feet of floor area above the first story shall be not less than one-hour fire-resistive construction throughout.

(3) Types of construction. Existing buildings to be occupied as boarding homes, as defined in WAC 212-36-005, shall be limited to the types of construction set forth in the 1979 edition of the Uniform Building Code for Group R, Division I occupancies, and shall not exceed in area or height the limits specified in sections of this code.

(4) Effective date. Twelve months after the effective date of this section, every building falling within its scope shall be made to conform to the requirements of this section in order to obtain state fire marshal approval for state licensing.

EXCEPTION: Any existing state licensed boarding home of Type I or Type II fire-resistive construction, as defined in the 1979 edition of the Uniform Building Code, or any existing boarding home provided with an approved complete automatic sprinkler system may be excluded from the automatic detection requirements of WAC 212-36-075

with the exception of corridors, and may continue in use provided such continued use is not a dangerous threat to life or public safety.

(5) Number of exits. At least two approved exits remote from each other shall be provided from each resident occupied floor.

(6) Exit signs. Every exit doorway or change of direction of a corridor shall be marked with a well lighted exit sign having letters at least five inches high.

(7) Interior stairways. Every interior stairway shall be enclosed with walls of not less than one-hour fire-resistive construction. Where existing partitions form part of a stairwell enclosure, wood lath and plaster or gypsum wallboard in good condition will be acceptable in lieu of one-hour fire-resistive construction. Openings to such enclosures shall be protected by positive latching self-closing or automatic-closing doors, equivalent to a solid wood-core door not less than one and three-quarters inch thick. The stairway need not be enclosed in a continuous shaft if cut off at each story by the fire-resistive construction required by this section for stairwell enclosures.

(8) Corridor walls. Walls of corridors shall be of not less than one-hour fire-resistive construction and ceilings shall not be less than that required for a one-hour fire-resistive floor or roof system. Where existing partitions form corridor walls and ceilings, wood lath and plaster or gypsum wallboard in good condition will be acceptable in lieu of one-hour fire-resistive construction.

(9) Corridor openings. Every opening in corridor walls shall be protected by a tight fitting smoke and draft control door, having a labeled fire protection rating of not less than twenty minutes. Doors shall be maintained self-closing, or shall be automatic-closing in accordance with section 4306 of the 1979 Uniform Building Code. All doors shall be positive latching. Existing door frames and jambs in good condition, when approved by the state fire marshal, may be continued in use.

EXCEPTION: (a) Existing solid-bonded wood-core doors one and three-eighths inches thick or their equivalent may be continued in use if adequately covered with flame-retardant paint which has a flame-spread rating of not more than twenty-five.

(b) Where the existing frame will not accommodate a one and three-quarters inch thick solid-bonded wood-core door, a one and three-eighths inch thick solid-bonded wood-core door may be used if treated with a fire-retardant paint which has a flame-spread rating of not more than twenty-five.

(c) In facilities providing automatic sprinkler protection, existing doors to patient rooms may be continued in use provided they are constructed to resist the passage of smoke. Doors shall be equipped with latches for keeping the doors tightly closed and shall be maintained self-closing or automatic-closing.

(10) Stairways. Interior and exterior stairs constructed as a second means of egress shall conform to the 1979 Uniform Building Code, section 3305. Existing exterior stairs in good condition may be acceptable in lieu of the above requirement. Exterior stairs shall be protected to prevent the accumulation of snow or ice.

(11) Hazardous areas. Hazardous areas shall conform to WAC 212-36-049.

(12) Automatic fire protection. An approved automatic detection system shall comply with WAC 212-36-075.

(13) Fire alarm. An approved fire alarm system shall comply with WAC 212-36-080, 212-36-081, and 212-36-082.

(14) Emergency lighting. Emergency lighting shall comply with WAC 212-36-073.

(15) Interior furnishings. Interior furnishings shall comply with WAC 212-36-057.

(16) Smoking regulations. Smoking regulations shall comply with WAC 212-36-067.

(17) Fire and evacuation plan. The fire and evacuation plan shall comply with WAC 212-36-085.

(18) Fire drills. Fire drills shall comply with WAC 212-36-090.

(19) Fire reporting. Fire reporting shall comply with WAC 212-36-091.

(20) Automatic sprinkler protection. (a) Facilities with a licensed capacity of from eleven to fifteen residents shall be provided with a "Life Safety Sprinkler System," as provided for in Fire Marshal Bulletin No. FM 80-2.

(b) Facilities with a licensed capacity of sixteen or more shall be provided with a complete approved automatic sprinkler system throughout.

EXCEPTION: In buildings of Type I or Type II fire-resistive construction, as defined in the 1979 Uniform Building Code, sprinklers

will not be required where an approved smoke detection system is provided covering corridors, stairways, resident rooms, and such other areas as may be required by the state fire marshal.

AMENDATORY SECTION (Amending Order FM-77-3, filed 12/8/77)

WAC 212-36-100 ~~((SEPARABILITY)) SEVERABILITY~~. If any provision of this regulation or ~~((tis-fits)) its~~ application to any person is held invalid, the remainder of the regulation or the application of the provision to other persons or circumstances is not ~~((offered affected)) affected~~.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 212-36-035 LOCAL REQUIREMENTS.

WSR 81-19-005
ADOPTED RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION
[Order 81-16—Filed September 4, 1981]

I, Frank B. Brouillet, Superintendent of Public Instruction, do promulgate and adopt at Olympia, the annexed rules relating to state basic education entitlement during strike.

This action is taken pursuant to Notice No. WSR 81-15-080 filed with the code reviser on July 21, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 28A.41-.170 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By Frank B. Brouillet
Superintendent of Public Instruction

NEW SECTION

WAC 392-121-176 BASIC EDUCATION ALLOCATION DURING STRIKE. Unless a school district's program is disapproved in accordance with WAC 180-16-160 through 180-16-164, basic education allocations shall continue for the period of a strike.

WSR 81-19-006
ADOPTED RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION
[Order 81-17—Filed September 4, 1981]

I, Frank B. Brouillet, Superintendent of Public Instruction, do promulgate and adopt at Olympia, the annexed rules relating to the establishment of the method for computing basic education entitlement or days operating an approved program.

This action is taken pursuant to Notice No. WSR 81-15-082 filed with the code reviser on July 21, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 28A.41-.170 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By Frank B. Brouillet
Superintendent of Public Instruction

NEW SECTION

WAC 392-121-177 KINDERGARTEN AND GRADE ONE THROUGH TWELVE PROGRAMS CONSIDERED COLLECTIVELY—FAILURE TO OPERATE AN APPROVED PROGRAM—DENIAL OF APPORTIONMENT. For the purpose of this chapter, a school district's scheduled kindergarten and grade one through twelve programs shall be considered collectively. The total program of a district may not be subdivided for the purpose of applying program approval standards. Those school days which are conducted during the period of a strike following transmittal of a notice of disapproval shall be discounted for state basic education entitlement purposes at the rate of one one-hundred-eightieth of the district's basic education entitlement for the school year per school day: PROVIDED, That kindergarten and grade one through twelve programs shall be considered separately for the purpose of computing compliance with minimum school day requirements and any loss of basic education entitlement.

WSR 81-19-007
ADOPTED RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION
[Order 81-19—Filed September 4, 1981]

I, Frank B. Brouillet, Superintendent of Public Instruction, do promulgate and adopt at Olympia, Washington, the annexed rules relating to Finance—

Educational service district budgeting, chapter 392-125 WAC.

This action is taken pursuant to Notice No. WSR 81-15-077 filed with the code reviser on July 21, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 28A.21-.135 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By Frank B. Brouillet
Superintendent of Public Instruction

AMENDATORY SECTION (Amending Order 8-76, filed 7/23/76)

WAC 392-125-010 PRINCIPLES OF ACCOUNTING. In all cases, the budgeting and accounting systems of educational service districts shall be governed by generally accepted accounting principles modified where necessary by statute and/or this chapter. The Accounting Manual for Educational Service Districts shall govern the accounting system of educational service districts and is hereby incorporated into this chapter by this reference. Prior to any revision thereof, the superintendent of public instruction shall publish notice of such proposed action and shall hold at least one public hearing. The general expense fund of an educational service district shall be the only fund of the district and shall be used for all activities which an educational service district performs.

NEW SECTION

WAC 392-125-011 BASIS OF BUDGETING AND ACCOUNTING. Revenue shall be recognized on the cash basis and expenditures shall be recognized on the accrual basis.

AMENDATORY SECTION (Amending Order 1-79, filed 6/7/79)

WAC 392-125-015 BUDGETS REQUIRED. Each educational service district shall prepare in accordance with this chapter and instructions from the superintendent of public instruction a complete budget for each fiscal year of operation. An incomplete budget shall be considered null and void and shall not be an appropriation. The fiscal year for educational service districts commences on July 1st of one year and extends through June 30th of the following year. The annual budget shall be prepared on forms provided by the superintendent of public instruction which will reflect the approved core funding formula pursuant to WAC 392-125-036, and shall receive all necessary approvals, and shall be filed with the proper officials in order to constitute an official

budget and appropriation for the subject fiscal year. The superintendent may require a second or revised budget at any time the financial situation is deemed to warrant a revised budget.

AMENDATORY SECTION (Amending Order 8-76, filed 7/23/76)

WAC 392-125-020 BUDGET PREPARATION, HEARING AND ADOPTION. On or before the 1st day of May, each educational service district shall prepare a budget for the operation of the educational service district for the ensuing fiscal year and immediately following completion of the budget, shall publish a notice stating that the budget is completed and placed on file in the district headquarters office with copies available for any interested person or organization. The notice shall state the date, time, and place the educational service district board will meet for the purpose of fixing and adopting the budget of the district for the ensuing fiscal year. Said meeting shall occur on or before the ~~((18th day of))~~ third Friday in May. The notice shall also state that any person may appear during the meeting and be heard for or against any part of such budget. The notice shall be published once each week for two consecutive weeks immediately following the completion of the budget in a newspaper of general circulation in the district.

An educational service district board shall secure the signature of the chairman of the superintendents' advisory committee as an indication that the budget has been reviewed by the committee. At the conclusion of the hearing which shall not exceed two days, the board of directors shall adopt the budget by resolution. After the budget has been adopted by the board at the public hearing, four certified copies shall be forwarded to the superintendent of public instruction on or before the ~~((20th day of))~~ fourth Monday in May in order that the superintendent may revise and fix the budget according to statute.

AMENDATORY SECTION (Amending Order 8-76, filed 7/23/76)

WAC 392-125-060 MONTHLY BUDGET STATUS REPORT. A budget status report shall be prepared by the administration of each educational service district on a monthly basis. A monthly budget status report shall contain the most current information available at the time of preparation and shall be made available to each member of the district board at its regular monthly meeting and to the superintendent of public instruction along with other financial information if deemed necessary by the superintendent of public instruction.

NEW SECTION

WAC 392-125-085 FINANCIAL REPORTS SUBMITTED TO SUPERINTENDENT OF PUBLIC INSTRUCTION. Within thirty calendar days following the end of September, December, March, and June each

educational service district shall submit a financial report to the superintendent of public instruction. Said report shall be in the format specified by the superintendent of public instruction.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 392-125-075 DISTRIBUTION OF COUNTY FUNDS WHEN COUNTY CONTAINS PARTS OF TWO OR MORE EDUCATIONAL SERVICE DISTRICTS.

WSR 81-19-008
ADOPTED RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION
[Order 81-20—Filed September 4, 1981]

I, Frank B. Brouillet, Superintendent of Public Instruction, do promulgate and adopt at Olympia, the annexed rules relating to Finance—Apportionment during strike, repealing chapter 392-131 WAC.

This action is taken pursuant to Notice No. WSR 81-15-081 filed with the code reviser on July 21, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 28A.41-.170 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By Frank B. Brouillet
Superintendent of Public Instruction

REPEALER

The following sections of the Washington Administrative Code are repealed:

(1) WAC 392-131-005 PURPOSE.
(2) WAC 392-131-010 STRIKE DEFINED.
(3) WAC 392-131-015 PRESUMPTION OF APPROVED PROGRAM OPERATION—STRIKES—EXCEPTION—APPROVAL/DISAPPROVAL OF PROGRAM DURING STRIKE PERIOD.

(4) WAC 392-131-020 WORK STOPPAGES AND MAINTENANCE OF APPROVED PROGRAMS FOR LESS THAN 180 DAYS NOT CONDONED.

(5) WAC 392-131-025 KINDERGARTEN AND GRADE ONE THROUGH TWELVE PROGRAMS CONSIDERED COLLECTIVELY—FAILURE TO OPERATE AN APPROVED PROGRAM—DENIAL OF APPORTIONMENT.

WSR 81-19-009
ADOPTED RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION

[Order 81-22—Filed September 4, 1981]

I, Frank B. Brouillet, Superintendent of Public Instruction, do promulgate and adopt at Olympia, Washington, the annexed rules relating to Transportation—Authority and state reimbursement, chapter 392-141 WAC.

This action is taken pursuant to Notice No. WSR 81-15-075 filed with the code reviser on July 21, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 28A.41-.170 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By Frank B. Brouillet
Superintendent of Public Instruction

AMENDATORY SECTION (Amending Order 80-10, filed 4/15/80)

WAC 392-141-037 APPLICATION FOR APPROVAL FOR TRANSPORTATION WITHIN THE "TWO-MILE LIMIT"—MEASUREMENT OF "TWO-MILE LIMIT." (1) Allowable exceptions to the "two-mile limit." The transportation of students who reside within two miles of their school of attendance may be approved for state transportation reimbursement purposes only for the following reasons:

(a) The students to be transported are handicapped and are either not ambulatory or not capable of protecting their own welfare while traveling to and from school or the agency where special education services are provided;

(b) The transportation is necessary because of the existence of hazardous conditions which students would otherwise be exposed to; and

(c) Transportation is necessary to reduce racial imbalance within a school district.

(2) Annual applications. Any application for state transportation reimbursement for the transportation of students who reside within two miles of their school of attendance shall be submitted with a school district's annual application for approval of bus routes and runs. ((The application shall comply with the requirements of this chapter and, in addition, shall be accompanied by a resolution of the school district board of directors which fully explains the reasons and facts in support of each bus stop which the district proposes to establish within a "two-mile limit.")) The conclusion of a school board that transportation within a "two-mile limit" is warranted because of one or more of the reasons set forth in

subsection (1) of this section shall be conclusive (~~unless it is established upon review of a district's application that the facts cited are incomplete or in error or immaterial, to a significant and material extent~~)).

(3) Measurement of the "two-mile limit." The distance which a student resides from school shall be measured for the purposes of this section by the most direct route available to the student on public and private roads, roadways, driveways and established walkways and pathways from (a) the front door of the student's building of residence to (b) the bus unloading zone for the student's school of attendance.

WSR 81-19-010
ADOPTED RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION
[Order 81-23—Filed September 4, 1981]

I, Frank B. Brouillet, Superintendent of Public Instruction, do promulgate and adopt at Olympia, Washington, the annexed rules relating to Transportation—Authority and state reimbursement, chapter 392-141 WAC.

This action is taken pursuant to Notice No. WSR 81-15-074 filed with the code reviser on July 21, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 28A.41-.170 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By Frank B. Brouillet
Superintendent of Public Instruction

AMENDATORY SECTION (Amending Order 80-33, filed 8/28/80)

WAC 392-141-054 **TRANSPORTATION EQUIPMENT RESERVE.** State reimbursement for the acquisition of approved transportation equipment received by a school district shall be held within the general fund of the district exclusively for the current and future ((purpose)) purchase of approved transportation equipment and major transportation equipment repairs. These funds are referred to in this section as "transportation equipment reserve funds."

(1) Purchase. A school district may disburse transportation equipment reserve funds to pay for the purchase or the lease purchase of approved transportation equipment. Approved transportation equipment shall include all equipment which qualifies under the SPECIFICATIONS FOR SCHOOL BUSES, as now or hereafter amended.

(2) Major repairs. A school district may disburse transportation equipment reserve funds to pay for major repairs under the following conditions:

(a) Prior approval shall be obtained from the superintendent of public instruction for the disbursement of any major repair money.

(b) "Major repair" shall mean the replacement or repair of major parts of a bus such as the engine, a section of the body, transmission, and/or any repair necessitated by reason of external collision.

(c) Under provisions of major repair, expenditure shall not be allowed for the purchase or replacement of component items which have been consumed in use, such as batteries, tires, spark plugs, mufflers, brake linings: PROVIDED, That any component items which have been ruined by external collision may be charged against reserve funds: PROVIDED FURTHER, That the repair project is approved as a charge against transportation equipment reserve funds.

(3) Rebuilt. Approved transportation equipment shall also include buses which are rebuilt to state specifications prior to July 1, 1976, and which conform to WAC 392-141-061. No rebuilt buses will be placed on the depreciation schedule after July 1, 1976.

(4) Major modification:

(a) Prior approval shall be obtained from the superintendent for the disbursement of transportation equipment reserve funds for major modifications.

(b) Buses to be modified must be on the depreciation schedule.

(c) Modifications shall be for specialized use only, such as conversion to a wheel chair bus.

WSR 81-19-011
ADOPTED RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION
[Order 81-24—Filed September 4, 1981]

I, Frank B. Brouillet, Superintendent of Public Instruction, do promulgate and adopt at Olympia, Washington, the annexed rules relating to Transportation—Specifications for school buses, chapter 392-143 WAC.

This action is taken pursuant to Notice No. WSR 81-15-073 filed with the code reviser on July 21, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 46.61.380 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.
By Frank B. Brouillet
Superintendent of Public Instruction

AMENDATORY SECTION (Amending Order 7-75,
filed 12/22/75)

WAC 392-143-035 INSPECTION BY STATE PATROL. All school buses shall be inspected annually by the Washington state patrol (~~(twice each year)~~). These inspection dates and centers shall be determined by the superintendent of public instruction and the chief of the state patrol. School districts shall be notified by the chief of the state patrol prior to each annual inspection of the time and place of inspection. School buses (~~(which are)~~) not presented for inspection at the time and place scheduled by the chief of the state patrol shall not be operated as a school bus unless the requirement is (~~(first)~~) temporarily waived in writing by the chief of the state patrol or until the school bus has passed the required annual inspection. A second annual inspection of at least twenty-five percent of each school district's fleet shall be conducted by the Washington state patrol. This second annual inspection shall be unannounced and the inspection team shall select which buses in the fleet it will inspect. These unannounced second annual inspections shall be scheduled so that they do not disrupt the regular transportation program.

WSR 81-19-012

**ADOPTED RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION**

[Order 81-25—Filed September 4, 1981]

I, Frank B. Brouillet, Superintendent of Public Instruction, do promulgate and adopt at Olympia, Washington, the annexed rules relating to Special education—Education for all handicapped children, chapter 392-171 WAC, specifically WAC 392-171-581 entitled surrogate parents.

This action is taken pursuant to Notice No. WSR 81-15-076 filed with the code reviser on July 21, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 28A.13.070(7) and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.
By Frank B. Brouillet
Superintendent of Public Instruction

AMENDATORY SECTION (Amending Order 80-31,
filed 8/19/80)

WAC 392-171-581 SURROGATE PARENTS.

(1) General. Each school district providing a special education program to a nonadult handicapped student shall assure that the rights of the nonadult student are protected when:

(a) No parent (as defined in WAC 392-171-310(~~(5)~~)(4)) can be identified;

(b) The school district, after reasonable efforts, cannot discover the whereabouts of a parent; or

(c) The student is a ward of the state.

(2) Duty of school district. The duty of a school district under this section includes the assignment of a person to act as a surrogate for the parents. This duty includes the establishment of a method:

(a) For determining whether a nonadult student needs a surrogate parent; and

(b) For assigning a surrogate parent to the student.

(3) Criteria for selection of surrogates. Each school district shall assure that a person selected as a surrogate:

(a) Has no interest that conflicts with the interests of the student he or she represents; and

(b) Has knowledge and skills that assure adequate representation of the student.

(4) Nonemployee requirement—Compensation:

(a) A person assigned as a surrogate may not be an employee of a school district and/or other agency which is involved in the education or care of the student; and

(b) A person who otherwise qualifies as a surrogate parent pursuant to this section is not an "employee" of the school district and/or other agency solely because he or she is paid by the school district and/or agency to serve as a surrogate parent.

(5) Responsibilities. A surrogate parent may represent the student in all matters relating to:

(a) The identification, assessment, and educational placement of the student; and

(b) The provision of free special education and related services to the student.

WSR 81-19-013

**EMERGENCY RULES
DEPARTMENT OF FISHERIES**

[Order 81-115—Filed September 4, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is salmon schooled at the mouth of Abernathy Creek need protection.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-57-16000N COLUMBIA RIVER. *Notwithstanding the provisions of WAC 220-57-160, effective immediately until further notice, it is unlawful to take, fish for or possess salmon for personal use in that portion of the Columbia River north of a line projected from Abernathy Point light to a boundary marker located on the shore east of the mouth of Abernathy Creek.*

WSR 81-19-014

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-116—Filed September 4, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is insufficient numbers of chinook salmon are present in Willapa Harbor to support a scheduled commercial fishery.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-40-02100L WILLAPA HARBOR-CLOSED AREA. *Notwithstanding the provisions of WAC 220-40-021 and WAC 220-40-022, it is unlawful to take, fish for or possess salmon for commercial purposes in catch reporting Areas 2G, 2J and 2K from 6:00 P.M. Monday, September 7, 1981 to 6:00 P.M. Tuesday, September 8, 1981.*

WSR 81-19-015

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-117—Filed September 4, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order is adopted pursuant to RCW 75.40.060.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.40.060 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-47-920 COMMERCIAL SOCKEYE AND PINK SALMON FISHERY. (1) *Effective September 4, 1981, until further notice, commercial sockeye salmon fishing rules of the United States Department of Commerce, as adopted by Order 81-48 of the Director of Fisheries and as published in the Federal Register June 25, 1981 are superseded in part by this section.*

(2) *It is unlawful to take, fish for or possess sockeye salmon for commercial purposes in PUGET Sound Salmon Management and Catch Reporting Areas 4B, 5, 6, 6A, 6C, 7, 7A and 7D with any type of gear.*

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-47-919 COMMERCIAL SOCKEYE AND PINK SALMON FISHERY. (81-110)

**WSR 81-19-016
EMERGENCY RULES
DEPARTMENT OF FISHERIES
[Order 81-118—Filed September 4, 1981]**

I, Rolland A. Schmitt, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitt, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is scheduled fisheries in Areas 4B, 5, 6, 6A, 6C, 7, 7A and 7D are currently under IPSFC control. Fishery in Area 7B allows a harvest of coho salmon. Purse seine fishery allowed in Area 8 to avoid pink salmon wastage. All other Puget Sound areas are closed to all-citizen commercial fishing to prevent overharvest of salmon stocks.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By W. R. Wilkerson
for Rolland A. Schmitt
Director

NEW SECTION

WAC 220-47-614 PUGET SOUND ALL-CITIZEN COMMERCIAL SALMON FISHERY. Notwithstanding the provisions of WAC 220-47-403, effective September 6 through September 12, 1981, it is unlawful to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:

* Areas 4B, 5 and 6 - Closed except under International Pacific Salmon Fisheries Commission (IPSFC) and United States Department of Commerce (USDOC) rules set forth in Emergency Orders 81-48 and 81-

117. Gill nets restricted to 5-7/8-inch maximum mesh size when open.

* Area 6A - Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-117. Gill nets restricted to 5-7/8-inch maximum mesh size when open, and purse seines must release all chinook salmon over 28 inches in length when open.

Area 6B - Closed.

* Area 6C - Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-117. Gill nets restricted to 5-7/8-inch maximum mesh size when open.

Area 6D - Closed.

* Area 7 and 7A - Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-117. Gill nets restricted to 5-7/8-inch maximum mesh size when open.

* Area 7B - Closed except gill nets may fish Monday and Tuesday nights from 6:00 p.m. to 9:00 a.m. with 5-inch minimum to 6-1/2-inch maximum mesh. The Fidalgo Bay Salmon Preserve is closed as provided in WAC 220-47-307.

Area 7C - Closed.

* Area 7D - Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-117. Gill nets restricted to 5-7/8-inch maximum mesh size when open.

* Area 8 - Closed except purse seines may fish Tuesday and Wednesday from 5:00 a.m. to 9:00 p.m. Purse seines are required to release all chinook and coho salmon when open. The Skagit Bay Salmon Preserve is closed as provided in WAC 220-47-307.

* Areas 8A, 9, 9A, 10, 10A, 10B, 10C, 10D, 10E, 11, 11A, 12, 12A, 12B, 12C, 12D, 13, 13A, 13B, and all freshwater areas - Closed.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-47-613 Puget Sound All-Citizen Commercial Salmon Fishery. (81-111)

**WSR 81-19-017
EMERGENCY RULES
DEPARTMENT OF FISHERIES
[Order 81-119—Filed September 4, 1981]**

I, Rolland A. Schmitt, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitt, find that an emergency exists and that the foregoing order is necessary for the

preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is Areas 4B, 5, 6, 6A, 6C, 7 and 7A are restricted to protect Fraser River and some Puget Sound adult chinook salmon. Area 6D and the Dungeness River are closed to protect Dungeness River pink salmon and chinook salmon already present. Strait tributaries are closed to protect salmon in those tributaries. Nooksack River is restricted because no harvestable surplus of Nooksack River pink salmon remains. Areas 7C and Samish River are closed to protect escapement of Samish Hatchery fall chinook salmon. Area 8 and the Skagit River restrictions permit harvest of pink salmon while protecting coho salmon and monitoring species composition. Areas 6B and 9 are closed to protect Nisqually, Stillaguamish, and Snohomish pink and various coho salmon stocks. Areas 10 and 11 are closed to protect Nisqually River pink salmon and South Puget Sound coho salmon stocks. Areas 13 and 13B are restricted to protect Nisqually pink and Deschutes chinook salmon. Area 10B restrictions protect lake Washington sockeye. Areas 10C, 10D and the Cedar River are closed to protect Lake Washington sockeye and fall chinook. Portions of Area 12C are closed to protect Hoodspout and Dewatto fall chinook. The Elwha River is closed to protect pink salmon. Area 8A and the Stillaguamish and Snohomish Rivers are restricted to protect pink salmon.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By W. R. Wilkerson
for Rolland A. Schmitt
Director

NEW SECTION

WAC 220-28-110 PUGET SOUND COMMERCIAL FISHERY RESTRICTIONS. *Effective September 6, 1981, until further notice, it is unlawful for treaty Indian fishermen to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:*

Area 4B – Troll-caught chinook under 24 inches in length and troll-caught coho under 16 inches in length must be released. Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 5 – Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6 – Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6A – Gill nets restricted to 5-7/8-inch maximum mesh, and all other net gear must release chinook salmon over 28 inches when open.

Area 6B – Closed to all commercial net fishing.

Area 6C – Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6D – Closed to all commercial fishing.

Areas 7 and 7A – Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 7C – Closed to all commercial fishing.

** Area 8 – Closed to gill nets, and all other gear must release chinook and coho salmon, when open.*

** Area 8A – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.*

Area 9 – Closed to all commercial fishing.

** Area 10 – Closed to all commercial fishing, except gill nets may fish 6:00 p.m. Monday to 9:00 a.m. Tuesday.*

Area 10A – Closed to all commercial fishing.

Area 10B – Gill nets restricted to 6-1/2-inch minimum mesh when open.

Areas 10C and 10D – Closed to all commercial fishing.

** Area 11 – Closed to all commercial fishing, except gill nets may fish 6:00 p.m. Monday to 9:00 a.m. Tuesday.*

** Areas 12C – Closed to all commercial fishing within 1,000 feet of western shore between Hoodspout Marina Dock and Glen Ayr Trailer Park, and within 1/4 mile of a line connecting the outermost points of Dewatto Bay including Dewatto Bay.*

Area 13 – Closed to all commercial fishing except in that portion in Hale Passage between the Fox Island Bridge and a line projected from the old ferry dock southeast of Ketner's Point 24 degrees true to the mainland.

Area 13B – Closed to gill net gear. All other gear must immediately release pink salmon and female chinook salmon over 28 inches in length when open.

Puyallup River – Gill nets restricted to 6-inch maximum mesh size when open.

Nisqually River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Cedar River – Closed to all commercial fishing.

Duwamish/Green River – Closed to all commercial fishing.

Dungeness River – Closed to all commercial fishing.

Elwha River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Nooksack River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

** Stillaguamish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.*

** Snohomish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.*

Samish River – Closed to all commercial fishing.

** Skagit River – Closed to gill nets below Gilligan Creek, and all other gear must release chinook and coho salmon when open below Gilligan Creek. Gill nets restricted to 6-inch maximum mesh size, and all other gear must release chinook salmon from Gilligan Creek upstream to the Old Faber Ferry Landing when open. Closed to all commercial fishing until further notice above the Old Faber Ferry Landing including all tributaries.*

Clallam River, Deep Creek, Hoko River, Lyre River, Pysht River, Sail River, Salt Creek, Sekiu River, East Twin River, West Twin River – Closed to all commercial fishing.

REPEALER

The following section of the Washington Administrative Code is repealed effective September 6, 1981:

WAC 220-28-109 Puget Sound Commercial Fishery Restrictions (81-114)

WSR 81-19-018

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-120—Filed September 4, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is the bag limit adjustment will provide an angling opportunity that parallels adjacent waters, while maintaining a size limit that minimizes impact on non-Puget Sound salmon stocks.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-56-18000D PERSONAL USE SALMON BAG LIMIT. Notwithstanding the provisions of WAC 220-56-180 and WAC 220-56-190, effective immediately until further notice, the personal use salmon bag limit in any one day in that portion of punch card area 4 easterly of a line projected from the most westerly point on Cape Flattery to the Tatoosh Island Light and thence to Bonilla Point is three salmon, not more than two of which may be chinook. Chinook salmon must be not less than 24 inches in length, coho salmon must be not less than 16 inches in length and there is no minimum size for other salmon. The possession limit at any one time shall not exceed the equivalent of two daily bag limits of fresh salmon. Additional salmon may be possessed in a frozen or processed form.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-56-18000C (81-92)

Reviser's Note: The caption of the above repealed section was omitted in the copy filed by the agency and appears as filed pursuant to the requirements of RCW 34.08.040.

WSR 81-19-019

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-121—Filed September 4, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is to facilitate the conservation of salmon and steelhead in the lower portions of the Kalama River in cooperation with the Department of Game.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-57-31000C KALAMA RIVER-OPEN AREA AND BAG LIMIT (1) Notwithstanding the provisions of WAC 220-57-310, that portion of the Kalama River from the Modrow bridge to a point 200 feet above the temporary Department of Fisheries rack is open to personal use fishing.

(2) Notwithstanding the provisions of WAC 220-57-16000M and effective October 1, 1981 to December 31, 1981, chinook salmon over 28 inches must be released if caught in that portion of the Kalama River downstream from a point 1,000 feet below the fishway at the upper salmon hatchery to the natural gas pipeline.

WSR 81-19-020

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-122—Filed September 8, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order is adopted pursuant to RCW 75.40.060.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.40.060 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 8, 1981.

By Rolland A. Schmitten
Director

NEW SECTION

WAC 220-47-921 COMMERCIAL SOCKEYE AND PINK SALMON FISHERY. (1) Effective September 7 through September 9, 1981, commercial sockeye salmon fishing rules of the United States Department of Commerce, as adopted by Order 81-48 of the Director of Fisheries and as published in the Federal Register June 25, 1981, are superseded in part by this section.

(2) It is unlawful to take, fish for or possess sockeye salmon for commercial purposes in Puget Sound Salmon Management and Catch Reporting Areas 4B, 5, 6, 6A, 6C, 7, 7A and 7D except as follows:

Reef Nets

Monday, September 7, 1981 11:00 A.M.
to 9:00 P.M.

Gill Nets

6:00 P.M. Tuesday, September 8, 1981, to
9:00 A.M. Wednesday, September 9, 1981.

Purse Seines

Tuesday, September 8, 1981 5:00 A.M. to
9:00 P.M.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-47-920 COMMERCIAL SOCKEYE AND PINK SALMON FISHERY. (81-117)

WSR 81-19-021

EMERGENCY RULES

DEPARTMENT OF GAME

[Order 136—Filed September 8, 1981]

Be it resolved by the undersigned, Frank R. Lockard, Director, Washington State Department of Game, that I promulgate and adopt at Olympia, Washington, as emergency rule of this governing body, the annexed rule relating to closure of the the Kalama River to fishing for game fish 200 feet above to 400 feet below the Department of Fisheries' temporary rack when the temporary rack is installed just below Modrow Bridge, WAC 232-28-60311.

I, Frank R. Lockard, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to the public interest. A statement of facts constituting such emergency is a major build up of adult steelhead occurs immediately above and below the Department of Fisheries' temporary rack when this rack is installed just below Modrow Bridge on the Kalama River. This results in steelhead being taken in excess

numbers and by illegal means. Such a closure will not result in an overescapement or surplus of game fish. Such rule is therefore adopted as an emergency rule to take effect upon filing with the Code Reviser.

This rule is promulgated under the authority of the Director of Game as authorized in RCW 77.12.150 with the approval of the Game Commission as provided in that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), or the Administrative Procedure Act (chapter 34.04 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

This order, after being first recorded in the Order Register of this governing body, shall be forwarded to the Code Reviser for filing pursuant to chapter 34.04 RCW and chapter 1-12 WAC.

APPROVED AND ADOPTED September 8, 1981.

By Frank R. Lockard
Director

NEW SECTION

WAC 232-28-60311 CLOSURE OF THE KALAMA RIVER TO FISHING FOR GAME FISH 200 FEET ABOVE TO 400 FEET BELOW THE DEPARTMENT OF FISHERIES' TEMPORARY RACK WHEN THE TEMPORARY RACK IS INSTALLED JUST BELOW MODROW BRIDGE. *It is unlawful to fish for game fish in the Kalama River 200 feet above to 400 feet below the Department of Fisheries' temporary rack when the temporary rack is installed just the Modrow Bridge.*

**WSR 81-19-022
NOTICE OF PUBLIC MEETINGS
DEPARTMENT OF
GENERAL ADMINISTRATION
(Office Systems Committee)**

[Memorandum, Acting Director—September 8, 1981]

The Office Systems Committee as organized under Executive Order 81-14 will be meeting at 2:00 p.m. on the first Thursday of each month. The meetings will be held in Room 218, General Administration Building.

**WSR 81-19-023
EMERGENCY RULES
DEPARTMENT OF FISHERIES
[Order 81-123—Filed September 8, 1981]**

I, Rolland A. Schmitt, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitt, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice

and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is Areas 4B, 5, 6, 6A, 6C, 7 and 7A are restricted to protect Fraser River and some Puget Sound adult chinook salmon. Area 6D and the Dungeness River are closed to protect Dungeness River pink salmon and chinook salmon already present. Strait tributaries are closed to protect chinook salmon in those tributaries. Nooksack River is restricted because no harvestable surplus of Nooksack River pink salmon remains. Area 7C and the Samish River are closed to protect escapement of Samish Hatchery fall chinook salmon. Area 8 and the Skagit River restrictions permit harvest of pink salmon while protecting coho salmon and monitoring species composition. Areas 6B and 9 are closed to Nisqually, Stillaguamish, and Snohomish pink and various coho salmon stocks. Areas 10 and 11 are closed to protect South Puget Sound coho salmon stocks. Areas 13 and 13B are restricted to protect Nisqually pink and Deschutes chinook salmon. Area 10B restrictions protect Lake Washington sockeye. Areas 10C, 10D and the Cedar River are closed to protect Lake Washington sockeye and fall chinook. Portions of Area 12C are closed to protect Hoodsport and Dewatto fall chinook. The Elwha River is closed to protect pink salmon. Area 8A and the Stillaguamish and Snohomish River are restricted to protect pink salmon.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 8, 1981.

By Rolland A. Schmitt
Director

NEW SECTION

WAC 220-28-111 PUGET SOUND COMMERCIAL FISHERY RESTRICTIONS. *Effective September 9, 1981, until further notice, it is unlawful for treaty Indian fishermen to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:*

Area 4B - Troll-caught chinook under 24 inches in length and troll-caught coho under 16 inches in length must be released. Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 5 - Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6 - Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6A - Gill nets restricted to 5-7/8-inch maximum mesh, and all other net gear must

release chinook salmon over 28 inches when open.

Area 6B - Closed to all commercial net fishing.

Area 6C - Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6D - Closed to all commercial fishing.

Areas 7 and 7A - Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 7C - Closed to all commercial fishing.

Area 8 - Closed to gill nets, and all other gear must release chinook and coho salmon, when open.

Area 8A - Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Area 9 - Closed to all commercial fishing.

* Area 10 - Closed to all commercial fishing, except gill nets may fish from 5:00 a.m. Wednesday, September 9, 1981 to 9:00 a.m. Thursday, September 10, 1981, and purse seines may fish from 5:00 a.m., Wednesday, September 9, 1981 to 9:00 p.m. Wednesday, September 10, 1981.

Area 10A - Closed to all commercial fishing.

Area 10B - Gill nets restricted to 6-1/2-inch minimum mesh when open.

Areas 10C and 10D - Closed to all commercial fishing.

* Area 11 - Closed to all commercial fishing, except gill nets may fish from 5:00 a.m. Wednesday, September 9, 1981 to 9:00 a.m. Thursday, September 10, 1981.

Areas 12C - Closed to all commercial fishing within 1,000 feet of western shore between Hoodspout Marina Dock and Glen Ayr Trailer Park, and within 1/4 mile of a line connecting the outermost points of Dewatto Bay including Dewatto Bay.

Area 13 - Closed to all commercial fishing except in that portion in Hale Passage between the Fox Island Bridge and a line projected from the old ferry dock southeast of Ketner's Point 24 degrees true to the mainland.

Area 13B - Closed to gill net gear. All other gear must immediately release pink salmon and female chinook salmon over 28 inches in length when open.

Puyallup River - Gill nets restricted to 6-inch maximum mesh size when open.

Nisqually River - Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Cedar River - Closed to all commercial fishing.

Duwamish/Green River - Closed to all commercial fishing.

Dungeness River - Closed to all commercial fishing.

Elwha River - Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Nooksack River - Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Stillaguamish River - Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Snohomish River - Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Samish River - Closed to all commercial fishing.

Skagit River - Closed to gill nets below Gilligan Creek, and all other gear must release chinook and coho salmon when open below Gilligan Creek. Gill nets restricted to 6-inch maximum mesh size, and all other gear must release chinook salmon from Gilligan Creek upstream to the Old Faber Ferry Landing when open. Closed to all commercial fishing until further notice above the Old Faber Ferry Landing including all tributaries.

Clallam River, Deep Creek, Hoko River, Lyre River, Pysht River, Sail River, Salt Creek, Sekiu River, East Twin River, West Twin River - Closed to all commercial fishing.

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

REPEALER

The following section of the Washington Administrative Code is repealed effective September 9, 1981:

WAC 220-28-110 Puget Sound Commercial Fishery Restrictions (81-119)

WSR 81-19-024

ADOPTED RULES

ENVIRONMENTAL HEARINGS OFFICE

[Order 82-1—Filed September 9, 1981]

I, Nat W. Washington, Chief Executive Officer of the Environmental Hearings Office, do promulgate and adopt at 4224 6th Avenue S.E., Lacey, WA, the annexed rules relating to regulations concerning the disclosure of public records and public meetings, amending chapter 198-12 WAC.

This action is taken pursuant to Notice No. WSR 81-15-023 filed with the code reviser on July 10, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 34.04.940 and 42.17.250 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as

appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED August 26, 1981.

By Nat W. Washington
Chief Executive Officer

AMENDATORY SECTION (Amending Order 79-1, filed 11/16/79)

WAC 198-12-020 DEFINITIONS. The following definitions shall apply:

(1) "Public record" includes any writing containing information relating to the conduct of government or the performance of any governmental or proprietary function prepared, owned, used or retained by any state or local agency regardless of physical form or characteristics.

(2) "Writing" means handwriting, typewriting, printing, photostating, photographing, and every other means of recording any form of communication or representation, including letters, words, pictures, sound, or symbols, or any combination thereof, and all papers, maps, magnetic or paper tapes, photographic films and prints, magnetic or punch cards, discs, drums and other documents.

(3) The environmental hearings office, created by ((chapter 47, Laws of 1979 ex. sess.)) RCW 43.21B.005, shall hereinafter be referred to as the "hearings office." Where appropriate, the term "hearings office" also refers to the staff and employees of the environmental hearings office.

AMENDATORY SECTION (Amending Order 79-1, filed 11/16/79)

WAC 198-12-030 ORGANIZATION, OPERATION AND PUBLIC MEETING. (1) Organization. The hearings office is created for the purpose of consolidating administratively the pollution control hearings board, the forest practices appeals board and the shorelines hearings board into one agency of state government with minimum disturbance to these boards. Membership powers, functions and duties of the pollution control hearings board, the forest practices appeals board and the shorelines hearings board shall be as provided by law.

(2) Operation. The chairman of the pollution control hearings board is the chief executive officer of the hearings office. The lawyer member of the pollution control hearings board is designated the chief administrative law judge of the hearing office.

(3) Public meeting. There is no regular meeting of the hearings office.

AMENDATORY SECTION (Amending Order 79-1, filed 11/16/79)

WAC 198-12-050 PUBLIC RECORDS OFFICER. The public records officer for the hearings office

shall be the ((~~administrator~~)) administrative officer, who shall be responsible for the following: The implementation of the hearings office rules regarding release of public records, and assurance of compliance with the public records disclosure requirements of chapter 42.17 RCW.

AMENDATORY SECTION (Amending Order 79-1, filed 11/16/79)

WAC 198-12-130 COMMUNICATION WITH THE HEARINGS OFFICE. All communications with the hearings office regarding the administration or the enforcement of chapter 42.17 RCW, and these rules, requests for decisions by the hearings office and other matters, shall be addressed as follows: The Environmental Hearings Office, c/o ((~~Administrator, #1 South Sound Center~~)) Administrative officer, 4224 6th Avenue S.E., Building 2 Rowesix, MS: PY-21, Lacey, Washington, 98504.

AMENDATORY SECTION (Amending Order 79-1, filed 11/16/79)

WAC 198-12-140 ADOPTION OF FORM. The hearings office hereby prescribes for use by all persons requesting inspection and/or copying or copies of its records, the form set out below, entitled "Request for Public Records."

We have received your request for copies of our public records. Please complete the form ((~~on the right~~)) and return it with the amount required. We will forward the requested copies to you as soon as we receive this form.

Thank you.

Return to:

The Environmental Hearings Office
((~~#1 South Sound Center~~))
4224 6th Avenue S.E.
Building 2 Rowesix, MS: PY-21
Lacey, Washington 98504

THE ENVIRONMENTAL HEARINGS OFFICE
REQUEST FOR PUBLIC RECORDS

DateTime
Name
Address
.....
Description of Records (see index):
.....
.....
.....

I certify that the information obtained through this request for public records will ~~((not be used for commercial purposes))~~ be used in compliance with chapter 42.17 RCW.

	Signature
Number of copies	
Number of pages	
Per page charge	\$.....	
Total charge	\$.....	

WSR 81-19-025
ADOPTED RULES
SHORELINES HEARINGS BOARD
 [Order 82-1, Resolution 82-1—Filed September 9, 1981]

Be it resolved by the Shorelines Hearings Board, acting at 4224 6th Avenue S.E., Lacey, WA, that it does promulgate and adopt the annexed rules relating to practice and procedures before the board, amending chapters 461-08 and 461-12 WAC.

This action is taken pursuant to Notice No. WSR 81-14-084 filed with the code reviser on July 1, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Shorelines Hearings Board as authorized in RCW 90.58.175.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED August 26, 1981.
By Nat W. Washington
Chairman

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-015 DEFINITIONS. As used in this chapter the following terms shall have the following meanings:

(1) Shorelines Hearings Board. The Shorelines Hearings Board is a quasi judicial body created pursuant to chapter 90.58 RCW and is hereinafter referred to as the "board". Where appropriate, the term "board" also refers to the ~~((staff and employees))~~ agents of the Shorelines Hearings Board.

(2) Department refers to and means the Department of Ecology.

(3) Local government unit or local government means any county, incorporated city or town which contains within its boundaries any lands or water subject to chapter 90.58 RCW.

(4) Presiding officer. Wherever used in these rules, the term "presiding officer" or "hearing officer" shall mean any member of the board or any person who is assigned to conduct a conference or hearing by the chairman or by the vice-chairman in event of the chairman's absence.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-020 APPEARANCE AND PRACTICE BEFORE THE BOARD—PERSONS WHO MAY AND MAY NOT APPEAR. No person may appear in a representative capacity before the board or its designated hearing officer other than the following:

(1) Attorneys at law duly qualified and entitled to practice before the Supreme Court of the state of Washington.

(2) Attorneys at law duly qualified and entitled to practice before the highest court of record of any state, if the attorneys at law of the state of Washington are permitted to appear in a representative capacity before administrative agencies of such other state, and if not otherwise prohibited by our state law.

(3) A bona fide officer, partner or full time employee of an individual firm, association, partnership, corporation or local government unit who appears for such individual, firm, association, partnership, corporation or local government unit.

(4) Legal interns admitted to practice under APR 9 of the rules of court may appear before the board under the conditions and limitations therein specified.

(5) No former employee of the department or member of the attorney general's staff may appear in a representative capacity on behalf of other parties in a formal proceeding ~~((wherein he/she previously took))~~ in which an active part as a representative of the department was taken in the same case or proceeding, at any time after ~~((severing his/her))~~ leaving the employment ~~((with))~~ of the department or the attorney general, except when permitted by RCW 42.18.220.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-030 APPEARANCE AND PRACTICE BEFORE THE BOARD—APPEARANCE BY REPRESENTATIVE. (1) Appearances may be made on behalf of any party by ~~((his/her))~~ an attorney or other duly authorized representative as defined in WAC 461-08-020 by:

(a) Filing a written notice of appearance containing the name of the party to be represented, and the name ~~((and)),~~ address and telephone number of the representative, or by

(b) Entering an appearance at the time and place of a conference or hearing on the appeal, and notifying the presiding officer conducting the same of the party to be represented and the name ~~((and)),~~ address and telephone number of the representative.

~~((c))~~ (2) Copies of every written notice of appearance shall be furnished by the ~~((filing party))~~ representative to all other parties or their representatives of

record at the time the original is filed with the ~~((clerk of the))~~ board.

~~((d))~~ ~~In all cases of~~ (3) Where a request for review has been filed with the board by the department or attorney general, the attorney general shall, unless the department or attorney general ~~((notified))~~ notifies the board otherwise, be deemed to have entered an appearance for the department, and the attorney general and shall be exempt from the requirement of filing and serving written notice of appearance.

~~((e))~~ (4) Certification of a request for review, as set ~~((out))~~ forth in RCW 90.58.180 shall not be deemed an appearance by the department or the attorney general.

~~((z))~~ (5) Thereafter all future notices and orders shall be served by the board upon such representative. Service upon the representative shall constitute service upon the party.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-040 APPEARANCE AND PRACTICE BEFORE THE BOARD—WITHDRAWAL OR SUBSTITUTION OF REPRESENTATIVES. An attorney or other representative withdrawing from a case shall immediately so notify the ~~((clerk of the))~~ board and all parties of record in writing, or shall state such withdrawal for the record at a conference or hearing. Any substitution of an attorney or representative shall be accomplished by written notification to the ~~((clerk of the))~~ board and to all parties of record, together with the written consent of the prior attorney or representative, and if such consent cannot be obtained, a written statement of the reason therefor shall be supplied.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-045 APPEARANCE AND PRACTICE BEFORE THE BOARD—CONDUCT. All persons appearing in a representative capacity in proceedings before the board shall conform to the standards of ethical conduct required of attorneys before the courts of Washington. If any such person does not conform to such standards, the presiding officer may ~~((in his/her discretion and depending on all the circumstances;))~~ admonish or reprimand such person, or exclude such person from further participation in the proceedings and adjourn the same, or report the matter to the board which may, in its discretion, after notice and hearing, take appropriate disciplinary action including, but not limited to, a letter of reprimand, and refusal to permit such person to appear in a representative capacity in any proceeding before the board.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-050 PRESIDING OFFICER DUTIES AND POWERS. It shall be the duty of the presiding officer to conduct conferences or hearings in cases assigned ~~((to him/her))~~ in an impartial and orderly manner ~~((and he/she))~~. The presiding officer shall have

the authority, subject to the other provisions of these rules:

(1) To administer oaths and affirmations.

(2) To issue subpoenas as provided in RCW 34.04.105. ~~((A subpoena may also be issued by the attorney of record, or any person making an appearance as authorized by WAC 461-08-020(3) as provided in RCW 34.04.105.))~~

(3) To rule on all procedural matters, objections and motions.

(4) To rule on all offers of proof and receive relevant evidence.

(5) To interrogate witnesses called by the parties in an impartial manner to develop any facts deemed necessary to fairly and adequately decide the matter.

(6) To secure and present in an impartial manner such evidence, in addition to that presented by the parties, as ~~((he/she deems))~~ deemed necessary to fairly and equitably decide the matter.

(7) To take appropriate disciplinary action with respect to representatives of parties appearing before the board.

(8) To issue orders joining other parties, on motion of any party, or ~~((on his/her own motion))~~ sua sponte when it appears that such other parties may have an interest in, or may be affected by, the proceedings.

(9) To consolidate matters for hearing when such consolidation will expedite disposition of the matters and avoid duplication of testimony and when the rights of the parties will not be prejudiced thereby.

(10) To hold conferences for the settlement or amplification of the issues ~~((at such times as set by the chairman))~~.

(11) To take or cause to be taken depositions and interrogatories pursuant to these rules and to procedures available to litigants in civil cases in superior courts in the state of Washington.

(12) To cause to be submitted, written sworn statements as currently provided in WAC 1-08-470 through 1-08-500.

~~((13))~~ (13) To regulate the course of the hearing.

~~((14))~~ (14) To take any other action necessary and authorized by these rules and the law.

NEW SECTION

WAC 461-08-053 SUBPOENAS. (1) Issuance. Subpoenas may be issued by any member of the board, or presiding officer assigned to the case, or by the attorney of record, as provided in RCW 34.04.105. Each subpoena shall be subscribed with the signature of the issuing person. Parties desiring subpoenas to be signed by a person from the board shall make a showing of general relevance and reasonable scope of the testimony or evidence sought, and shall prepare the subpoenas for issuance, send them to the board's office for signature, and upon return shall make arrangements for service.

(2) Form. Every subpoena shall name the Shorelines Hearings Board and the title of the proceedings, and shall command the person to whom it is directed to attend and give testimony or produce designated books, documents, or things under that person's control at a specified time and place.

(3) Service. Service of subpoenas shall be made by delivering a copy of the subpoena to such person and tendering on demand, where entitled to make such a demand, the fees for one day's attendance and the mileage allowed by law. All costs shall be paid by the party seeking the attendance of the witness.

(4) Proof of service. The person serving the subpoena shall make proof of service by filing the subpoena and the required return, affidavit or acknowledgement of service with the board or presiding officer of the case. Failure to make proof of service does not affect the validity of the service.

(5) Quashing. Upon motion made promptly (at or before the time specified in the subpoena for compliance) by the person to whom the subpoena is directed and upon notice to the party for whom the subpoena was issued, the board or its presiding officer may (a) quash, or (b) modify the subpoena if it is unreasonable or requires evidence not relevant to any matter in issue, or (c) condition denial of the motion upon just and reasonable conditions.

(6) Geographical scope. Attendance of witnesses and production of evidence may be required from any place in the state of Washington, at any designated place of hearing.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-055 REQUESTS FOR REVIEW TO THE BOARD—CONTENTS OF THE REQUEST FOR REVIEW. Requests for review to the board pursuant to RCW 90.58.180(1) and (2) shall contain:

(1) The name ~~((and))~~, mailing address and telephone number of the appealing party, and of the ~~((name and address of his/her))~~ representative, if any;

(2) The appealing party's legal residence or principal place of business within the state;

(3) A copy of the application for a substantial development permit which was filed with the local government pursuant to RCW 90.58.140;

(4) A copy of the decision or permit appealed from;

(5) A short and plain statement showing the grounds upon which the appealing party considers such decision or permit to be unjust or unlawful, and if one of the grounds so asserted is failure to comply with RCW 43.21C.030(2)(c) (SEPA), six copies of any environmental impact statement if available to appealing party;

(6) ~~((A concise statement of the factual and legal reasons for the request for review;~~

~~((7)))~~ The relief sought, including the specific nature and extent;

~~((8)))~~ (7) A statement that the appealing party has read the request for review and believes the contents to be true, followed by ~~((his/her))~~ the party's signature and the signature of ~~((his/her))~~ the representative, if any. If the appealing party is unavailable to sign the request for review, it may be signed by ~~((his/her))~~ the representative.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-060 REQUESTS FOR REVIEW TO THE BOARD—FILING—COPY. The original and one copy of the request for review shall be filed, by mail or otherwise, with the ~~((clerk of the))~~ board. The ~~((clerk))~~ board shall forthwith acknowledge filing of the request for review and the stamp placed thereon ~~((by the clerk))~~ shall be prima facie evidence of the date of filing. The board may thereafter require additional copies to be filed.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-065 REQUESTS FOR REVIEW TO THE BOARD—FILING WITH DEPARTMENT AND ATTORNEY GENERAL. (1) A copy of the request provided for in WAC 461-08-055 shall be filed concurrently by requestor with the Department of Ecology and the office of the attorney general. A copy of the request shall also be filed with the appropriate local government unit.

(2) When the requestor is not the permit applicant, ~~((he/she))~~ the requestor shall mail to the permit applicant a copy of the request for review and any amendments thereto.

AMENDATORY SECTION (Amending Order 80-1, Resolution 80-1, filed 1/24/80)

WAC 461-08-070 REQUESTS FOR REVIEW TO THE BOARD—TIME FOR FILING. (1) A Request for Review pursuant to RCW 90.58.180(1) by any person aggrieved shall be filed with, i.e., received by, the board within thirty days of the "date of filing" as defined in RCW 90.58.140(6).

(2) The Department of Ecology or the attorney general may, pursuant to RCW 90.58.180(2), obtain review of any final decision granting a permit, or granting or denying an application for a permit issued by a local government by filing a written request with the board and the appropriate local government within thirty days from the date the final decision was ~~((actually received by the Department))~~ filed as provided in RCW 90.58.140(6).

AMENDATORY SECTION (Amending Order 77-1, filed 2/3/77)

WAC 461-08-085 REQUESTS FOR REVIEW TO THE BOARD—CROSS APPEALS AND INTERVENTION. (1) Within twenty days after the date that a request for review has been filed pursuant to WAC 461-08-055 interested parties may file a notice of cross appeal with the board which shall conform in all respects to the requirements of a request for review.

(2) The Department of Ecology and the attorney general may intervene within fifteen days pursuant to RCW 90.58.180(1) in any matter set out therein and if such intervention is sought it shall be granted.

(3) Upon order of any member of the board, or a presiding officer, the permittee and/or permit issuing

agency shall be joined as a party in interest in any matter pending before the board, unless such entity is already a party.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-090 REQUESTS FOR REVIEW TO THE BOARD—CORRECTION OR AMENDMENT OF NOTICE. (1) If any request for review is found by the board to be defective or insufficient pursuant to the standards in WAC 461-08-055, the board may require the party filing said request for review to correct, clarify or amend the same to conform to the requirements of the statute and the board's rules. The board may refuse to schedule any conference or hearing thereon until compliance with such requirements, or may issue an appropriate order which may include providing for dismissal of such request for review upon failure to comply with a request to correct, clarify or amend the same within a specific time.

(2) Prior to the scheduling of the first conference, the party appealing may amend ~~((his/her))~~ the request for review at any time; thereafter, such amendment may be made on such terms as the board or presiding officer may prescribe, and the presiding officer may, when deemed necessary, in justice to all parties, require correction, clarification or amendment of a request for review before allowing any hearing thereon to proceed, or may issue an order requiring such correction, clarification or amendment to be made within a specified time, and if such requirement is not complied with, the board may ~~((dismiss))~~ issue an appropriate order which may include dismissal of the request for review.

NEW SECTION

WAC 461-08-093 REQUESTS FOR REVIEW TO THE BOARD—RESPONSIVE PLEADINGS. Respondent(s) may file an answer to a request for review with the board and serve a copy thereof upon other parties within twenty days of receipt of the request for review. Answers shall generally conform to the requirements of a request for review.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-100 INFORMAL CONFERENCE—PURPOSE. The purpose of an informal conference shall be to determine the feasibility of a settlement of the request for review. The presiding officer shall be present at the opening and closing of a scheduled informal conference ~~((; but since the absence of the presiding officer))~~. If it may facilitate ~~((; on occasion, the achievement of))~~ an agreement or a settlement, ~~((he/she))~~ the presiding officer may ~~((; on the request of either party, or his/her own volition, absent himself/herself from))~~ leave the conference from time to time.

AMENDATORY SECTION (Amending Order 74-4, filed 7/3/74)

WAC 461-08-105 INFORMAL CONFERENCE—WHEN HELD. At any time prior to hearing on a request for review, any party thereto may file a written application with the ~~((clerk of the))~~ board, requesting an informal conference. The board may thereupon, at its discretion, or any time on its own motion, order an informal conference on not less than seven days' notice mailed to each party to the request, at a time and place fixed by the board. At any time prior to hearing, the presiding officer to whom the case is assigned, may, pursuant to agreement of all parties, convene and preside at an informal conference at a time and place agreed upon.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-120 PREHEARING CONFERENCE—WHEN HELD. A prehearing conference shall be held in every case pending before the board unless otherwise ordered by the chairman. Such prehearing conference shall be held at such time as ordered by the chairman, or presiding officer, on not less than seven days' notice to each party. Such prehearing conference may also be held immediately at the conclusion of an informal conference if time permits.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-125 PREHEARING CONFERENCE—DOCUMENTARY EVIDENCE. (1) The board or its presiding officer may require:

(a) That all documentary evidence which is to be offered during the taking of evidence be ~~((submitted))~~ identified at or prior to any prehearing conference. ~~((The evidence shall be submitted sufficiently in advance of the prehearing conference to permit study and preparation for the conference.))~~

(b) That documentary evidence not ~~((submitted in advance,))~~ identified as ~~((may be))~~ required by subsection (1)(a), be ~~((not received in))~~ excluded as evidence in the absence of a clear showing that the offering party had good cause for ~~((his/her))~~ the failure to produce the evidence sooner.

(c) That the authenticity of all documents ~~((submitted in advance in a proceeding in which such submission is required,))~~ so presented and examined be deemed admitted unless written objection thereto is filed prior to the hearing, except that a party will be permitted to challenge such authenticity at a later time upon a clear showing of good cause for failure to have filed such written objection.

(2) The presiding officer may, upon findings made on the record, limit the documentary evidence to that presented at any prehearing conference. For good cause shown any party may submit additional documentary evidence at the time of hearing.

AMENDATORY SECTION (Amending Order 74-4, filed 7/3/74)

WAC 461-08-130 PREHEARING CONFERENCE—EXCERPTS FROM DOCUMENTARY EVIDENCE. When only portions (~~(only)~~) of a document are to be relied upon, the offering party shall prepare the pertinent excerpts, adequately identified, and shall supply copies of such excerpts to the presiding officer and to the other parties. (~~(Only the excerpts, so prepared and submitted, shall be received in the record.)~~) However, the whole of the original document shall be made available for examination and for use by all parties to the proceeding.

NEW SECTION

WAC 461-08-143 PROCEDURES—TELEPHONE. Parties may agree to conduct any conference or hearing, or any part thereof, provided in these rules by telephone conference call. Upon a timely request, the board or its presiding officer may schedule such conference or hearing if it appears to promote the fair, speedy and economical processing of a matter compatible with this procedure.

AMENDATORY SECTION (Amending Order 77-1, filed 2/3/77)

WAC 461-08-150 HEARINGS—SCHEDULING OF HEARINGS. As soon as a request for review has been filed with the board, a prehearing conference (~~(shall)~~) may be scheduled at a time ordered by the chairman on not less than seven days' notice to each party. The date for the hearing on the request for review shall be set (~~(at such conference)~~) without regard to whether the time has elapsed within which certification or intervention by the department or attorney general may occur.

AMENDATORY SECTION (Amending Order 74-4, filed 7/3/74)

WAC 461-08-155 HEARINGS—NOTICE OF HEARING. (1) Time. (~~(if)~~) When the board (~~(orders)~~) schedules a hearing, it shall mail a written notice thereof to all parties not less than twenty days prior to the hearing date.

(2) Contents. The notice shall identify the cases to be heard, the names of the parties to the request for review and their representatives, if any, and shall specify the time and place of hearing, and that the hearing is to be held pursuant to RCW 90.58.180 and chapter 461-08 WAC.

NEW SECTION

WAC 461-08-157 HEARINGS—BRIEFS. An original and six copies of written briefs if filed, should be submitted to the board at least three days before the time of hearing, or other such time as the board may prescribe. When briefs are filed, a copy shall also be served on the other parties or their attorneys. The board may permit or require the filing of additional briefs. Proposed findings may be included with the briefs.

AMENDATORY SECTION (Amending Order 77-1, filed 2/3/77)

WAC 461-08-160 HEARINGS—CONTINUANCES, HEARING POSTPONEMENTS AND DISMISSALS. (1) Continuances.

(a) Pursuant to agreements at prehearing conference. If agreement is reached at a prehearing conference, continuances shall be granted in accordance with such agreement and no written application therefor shall be required.

(b) Requests prior to hearing. If, prior to the hearing date, a party (~~(finds that he/she will)~~) is not (~~(be)~~) able to fully present (~~(all such)~~) evidence at the scheduled hearing, such party shall file a written request for continuance with the board setting forth the reasons therefor as soon as such reasons are known and deliver copies to all other parties.

(c) Requests at time of hearing. If reasons requiring a continuance of a hearing are not known in time to permit compliance with subsection (b) of this section, application therefor may be made orally at the hearing.

(d) When granted. Applications for a continuance made pursuant to subsections (b) or (c) above shall only be granted upon a proper showing of good cause to prevent manifest injustice. In order to show "good cause", the party applying for a continuance because of the unavailability of a witness or witnesses shall show that due diligence was exercised in attempting to obtain the presence of such witnesses at the time set for hearing and the reasons for their unavailability, and shall identify the witnesses and explain, in substance, what (~~(he/she intends to prove by)~~) the testimony of such witnesses would prove. In all cases in which a request for continuance is granted, subsequent hearings shall be scheduled.

(2) Hearing postponements. A postponement of a hearing may be requested by any party after receipt of the notice of hearing: PROVIDED, That written objections are filed within ten days of the receipt of such notice. Copies of such request shall be served on all other parties. If the request is granted, all parties shall be notified of the postponement. Requests for postponement not filed within the ten day period shall be granted only in exceptional cases to prevent manifest injustice.

In all cases where a request for postponement is granted, subsequent hearings shall be scheduled in accordance with WAC 461-08-165.

(3) Dismissal. If the (~~(moving)~~) appealing party fails to appear at the scheduled hearing and fails to obtain a continuance or postponement as provided in this section, the request for review shall be dismissed except to prevent manifest injustice or unless such party can show good cause for such failure. Such showing shall be made in writing and filed with the board, and copies shall be delivered to all other parties, not later than ten days after the date of mailing of the order of dismissal.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-165 HEARINGS—CONDITIONS FOR SETTING SUBSEQUENT HEARINGS. Any further hearing shall be scheduled in due course at such

time and place as deemed proper by the board, the presiding officer, or the chairman.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-170 HEARINGS—PROCEDURES AT HEARINGS. (1) Presiding officer. All hearings shall be conducted by a presiding officer who shall conduct the hearing in an orderly manner and rule on all procedural matters, objections and motions.

(2) Testimony under oath. Oaths shall be administered by the presiding officer. All testimony to be considered by the board shall be sworn, and each person shall swear (or affirm) that the testimony about to be given shall be the truth, the whole truth, and nothing but the truth.

(3) Order of presentation of evidence. The presiding officer shall determine the proper order of presentation of evidence. As a general rule, the appealing party shall initially introduce ~~((att))~~ its evidence ~~((in his/her case in chief))~~. The adverse parties may then introduce the evidence necessary to their cases ~~((in chief))~~. Rebuttal evidence will then be received.

Witnesses may be called out of turn in contravention of this rule ~~((only))~~ by agreement of all parties.

~~((3))~~ (4) Opening statements. Unless the presiding officer rules otherwise, ~~((att))~~ parties shall present an oral opening statement setting out briefly a statement of the basic facts, disputes, and issues of the case.

~~((4))~~ (5) Written statement of qualifications of expert witnesses. Any party who plans to introduce the testimony of any expert witness at the hearing shall submit as an exhibit to the board and all parties at ~~((the outset of))~~ the hearing a written statement of the qualifications, experience, and expertise of each such expert witness.

~~((5))~~ (6) Former employee as an expert witness. No former employee of the department or the board or the attorney general shall, at any time after ~~((severing his/her))~~ leaving the employment with the department, appear, except when permitted by RCW 42.18.220, as an expert witness on behalf of other parties in a formal proceeding ~~((wherein he/she previously took))~~ in which an active part in the investigation as a representative of the department or board was taken.

~~((6))~~ (7) Objections and motions to strike. Objections to the admission or exclusion of evidence shall be in short form, stating the legal grounds of objection relied upon, and the transcript shall not include extended argument or debate.

~~((7))~~ (8) Rulings. The presiding officer, on objection or ~~((on his own motion))~~ sua sponte, shall exclude all irrelevant or unduly repetitious evidence and all rulings upon objections to the admissibility of evidence shall be made in accordance with WAC 461-08-180 through 461-08-200.

~~((8))~~ (9) Persons requesting review pursuant to RCW 90.58.180(1) and (2) shall have the burden of proof in the matter.

AMENDATORY SECTION (Amending Order 74-4, filed 7/3/74)

WAC 461-08-190 RULES OF EVIDENCE—OFFICIAL NOTICE—MATERIAL FACTS. In the absence of controverting evidence, the board and its hearing officers, upon request made before or during a hearing, or in a proposed decision, may officially notice:

(1) Board proceedings. The pendency of, the issues and position of the parties therein, and the disposition of any proceeding then pending before or theretofore concluded by the board;

(2) Business customs. General customs and practices followed in the transaction of business;

(3) Notorious facts. Facts so generally and widely known to all well informed persons as not to be subject to reasonable dispute, or specific facts which are capable of immediate and accurate demonstration by resort to accessible sources of generally accepted authority, including but not exclusively, facts stated in any publication authorized or permitted by law to be made by any federal or state officer, department, or agency;

(4) Technical knowledge. Matters within the technical knowledge of the board as a body of experts, within the scope or pertaining to the subject matter of its statutory duties, responsibilities or jurisdiction;

(5) Request or suggestion. Any party may request, or the presiding officer may suggest, that official notice be taken of a material fact, which shall be clearly and precisely stated, orally on the record, at any prehearing conference or oral hearing or argument, or may make such request or suggestion by written notice, any pleading, motion, memorandum, or brief served upon all parties, at any time prior to a final decision;

(6) Statement. Where an initial or final decision of the board rests in whole or in part upon official notice of a material fact, such fact shall be clearly and precisely stated in such decision. In determining whether to take official notice of material facts, the hearing officer may consult any source of pertinent information, whether or not furnished as it may be, by any party and whether or not admissible under the rules of evidence;

(7) Controversion. Any party may controvert a request or a suggestion that official notice of a material fact be taken at the time the same is made if it be made orally, or by a pleading, reply or brief in response to the pleading or brief or notice in which the same is made or suggested. If any decision is stated to rest in whole or in part upon official notice of a material fact which the parties have not had a prior opportunity to controvert, any party may controvert such fact by appropriate exceptions if such notice be taken in an initial or intermediate decision or by a petition for reconsideration if notice of such fact be taken in a final report. Such controversion shall concisely and clearly set forth the sources, authority and other data relied upon to show the existence or nonexistence of the material fact assumed or denied in the decision;

(8) Evaluation of evidence. Nothing herein shall be construed to preclude the board or its authorized agents from utilizing their experience, technical competence,

and specialized knowledge in the evaluation of the evidence presented to them.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-195 RULES OF EVIDENCE—TENTATIVE ADMISSION—EXCLUSION—DISCONTINUANCE—OBJECTIONS. When objection is made to the admissibility of evidence, such evidence may be received subject to a later ruling. The officer conducting the hearing may, ~~((in his/her discretion;))~~ either with or without objection, exclude inadmissible evidence or order cumulative evidence discontinued. Parties objecting to the introduction of evidence shall state the precise grounds of such objection at the time such evidence is offered.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-215 DISPOSITION OF CONTESTED CASES—TRANSCRIPTS. The following shall be the policy of the board with regard to transcription of the record:

(1) If four or more members of the board are present at the hearing, it shall be discretionary for the board to cause a transcript to be printed.

(2) If less than four members of the board are present at the hearing, the board shall cause a transcript to be printed for the ~~((entire))~~ board's review. Any party may obtain a transcript upon payment of the reasonable cost thereof.

(3) In any case when the board shall not cause a transcript to be printed, pursuant to subsection (1), above, it shall be the obligation of the party wishing a transcript, or such portions of it, to order the same from the board reporter and assume the cost of printing same.

AMENDATORY SECTION (Amending Order 76-1, filed 7/28/75)

WAC 461-08-220 DISPOSITION OF CONTESTED CASES—DECISIONS AND ORDERS. (1) Final.

(a) When the hearing on the request for review has been heard by a majority of the board, and upon completion of the record and submission of the issues for decision and order, a written final decision and order concurred in by them then may be adopted which shall contain findings and conclusions as to each contested issue of fact and law.

(b) After issuance of a final decision issued under this subsection, any party may file a petition for reconsideration with the board. Such petition must be filed within eight days of mailing of the final decision. Copies of the petition for reconsideration, and an answer, if required, shall be served on the other parties of record and with the original and six copies filed with the board.

(c) The filing of a petition for reconsideration shall suspend the final decision of the board until the petition is denied by the board, or a modified decision is entered by the board.

(d) In response to a petition for reconsideration, the board may deny it, or may modify its decision or reopen the hearing.

(e) Such final decision and order shall be the final decision of the board for purposes of judicial review.

(2) Proposed. When the hearing on the request for review has been heard by less than a majority of the board or when less than a majority of the board concur in the matter or when the board shall otherwise elect to do so, a written proposed final decision and order shall thereafter be prepared which shall contain findings and conclusions as to each contested issue of fact and law.

The provisions of WAC 461-08-225, 461-08-230, and 461-08-235 shall apply to such proposed decision and order. Petitions for reconsideration are not applicable to final decisions issued after such proposed decisions.

(3) Copies of the final decision and order and proposed decision and order, as the case may be, shall be mailed by the board to each party to the request for review and to ~~((his/her))~~ the attorney or representative of record, if any.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-221 DISPOSITION OF CONTESTED CASES—PRESENTATION OF ADDITIONAL EVIDENCE. After the parties have rested or upon review of the record, the board may present such evidence in addition to that contained in the record, as deemed necessary to decide the matter fairly and equitably. Any evidence secured and presented by the board shall be presented in an impartial manner, and shall be received subject to full opportunity for cross-examination by all parties. If a party desires to present rebuttal evidence to any evidence so presented by the board, ~~((he must make))~~ application shall be made therefor immediately following the ~~((conclusion))~~ submission of such evidence. Such application will be granted by assignment of a time and place of taking of such rebuttal evidence.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-225 DISPOSITION OF CONTESTED CASES—EXCEPTIONS, REPLY. (1) Time for filing. Within twenty days, or such further period as the board may allow on written application of a party, from the date of ~~((communication))~~ receipt of the proposed decision and order to the parties or their attorneys of record, any party aggrieved thereby may file with the ~~((clerk of the))~~ board, a written statement of exceptions thereto in original and six copies. Copies thereof shall be furnished to all other parties. In the event such statement of exceptions is filed, the failure of any party not aggrieved by the proposed decision and order to file a statement of exceptions shall not be deemed a waiver by such party of any objections or irregularities disclosed by the record.

(2) Contents. Such statement of exceptions shall set forth in detail the grounds therefor and the party or parties filing the same shall be deemed to have waived

all objections or irregularities not specifically set forth therein. A general exception to findings of fact on the ground that the weight of evidence is to the contrary shall not be considered sufficient compliance, unless the exception shall refer to the evidence relied upon in support thereof. If legal issues are involved, the statement of exceptions shall set forth the legal theory relied upon and citation of authority and/or argument in support thereof. The statement of exceptions should also contain the exceptor's proposed findings of fact and/or conclusions of law covering the factual and legal issues to which exceptions are being taken.

(3) Reply to exceptions. Any party may, within ten days or such further time as the board may allow, submit a reply to exceptions, a written brief or a statement of position regarding the matters on which exceptions were taken, or the board may, on its own motion, require the parties to submit written briefs or statements of position or to appear and present oral argument regarding the matters on which exceptions were taken, within such time and on such terms as may be prescribed.

(4) Action by board on exceptions. The board shall, in a case in which it determines that a statement of exceptions does not properly conform to the provisions of subsection (2) above, issue an order requiring the party to amend such statement of exceptions to conform to that rule, within a specified time. Failure of the party to comply with such order may result in the board issuing an order adopting the proposed decision and order of the board as the final decision and order of the board on the ground that no legally sufficient statement of exceptions had been taken to said proposed decision and order.

(5) Exceptions to rulings on admissibility of evidence. If an exception is taken to a ruling or rulings of a presiding officer sustaining an objection to admissibility of evidence, or denying a continuance for the presentation of further evidence, and the board determines that said ruling or rulings were erroneous, the board may:

- (a) Return the matter to the presiding officer with appropriate instructions, or,
- (b) Open the matter for further argument and decision by the board itself.

AMENDATORY SECTION (Amending Order 74-4, filed 7/3/74)

WAC 461-08-235 DISPOSITIONS OF CONTESTED CASES—FINAL DECISIONS AND ORDERS FOLLOWING PROPOSED ORDERS. After the filing of exceptions, if any, and a reply, if any, the filing of briefs or presentation of oral argument thereon, if required, and the obtaining of additional evidence, if any, as provided for in WAC ((461-08-225(4))) 461-08-221, the record before the board shall be considered by at least four of the members of the board: PROVIDED, That in the event that the full board considers the record and four members cannot agree on a decision, the substantive decision of the local government unit will control. The board will formally adopt its final decision and order.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-240 APPEALS TO THE COURTS—NOTICE OF APPEAL. Any person aggrieved by a final decision in a contested case may institute a proceeding for review pursuant to RCW 34.04.130. The appealing party shall serve the ~~((clerk of the))~~ board and all parties of record with a copy of the notice of appeal to the superior court ~~((and shall keep the board informed concerning the outcome of the appeal))~~ as provided in RCW 34.04.130(2).

AMENDATORY SECTION (Amending Order 74-4, filed 7/3/74)

WAC 461-08-245 APPEALS TO THE COURTS—CERTIFICATION OF RECORD. Within thirty days of the service of the petition for review upon the board, or within such further time as the court may allow, the board shall certify and transmit to the reviewing court the record of the proceedings as set ~~((out))~~ forth in RCW 34.04.130(4) and in accordance with WAC 461-08-210 through 461-08-215.

AMENDATORY SECTION (Amending Order 75-1, filed 5/9/75)

WAC 461-08-260 PETITIONS FOR RULE MAKING. (1) Right to petition for rule making. Any interested person may petition the board for the promulgation, amendment, or repeal of any rule.

(2) Form of petition. The form of the petition for promulgation, amendment, or repeal of any rule shall generally adhere to the following:

At the top of the page shall appear the wording, "Before the Shorelines Hearings Board, State of Washington". On the left side of the page below the foregoing, the following caption shall be set out: "In the Matter of the petition of (name of petitioning party) for (state whether promulgation, amendment or repeal) of Rule (or rules)". Opposite the foregoing caption shall appear the word "Petition".

The body of the petition shall be set out in numbered paragraphs. The first paragraph shall state the name and address of the petitioning party and whether the petitioner seeks the promulgation of new rule or rules, or amendment or repeal of existing rule or rules. The second paragraph, in case of a proposed new rule or amendment of an existing rule, shall set forth the desired rule in its entirety. Where the petition is for amendment, the new matter shall be underscored and the matter proposed to be deleted shall appear in double parentheses. Where the petition is for repeal of an existing rule, such shall be stated and the rule proposed to be repealed shall either be set forth in full or shall be referred to by rule number. The third paragraph shall set forth concisely the reasons for the proposal of the petitioner and shall contain a statement as to the interest of the petitioner in the subject matter of the rule. Additional numbered paragraphs may be used to give full explanation of petitioner's reason for the action sought.

Petitions shall be dated and signed by the person or entity named in the first paragraph or by ~~((his/her))~~ the

petitioner's attorney. The original and six legible copies of the petition shall be filed with the board. Petitions shall be on white paper, either 8-1/2" x 11" or 8-1/2 x 13" in size.

(3) Consideration of petitions. All petitions shall be considered by the entire board, and the board may, in its discretion, order an informal hearing or meeting for the further consideration and discussion of the requested promulgation, amendment, or repeal of any rule.

(4) Notification of disposition of petition. The board shall notify the petitioning person within a reasonable time of the disposition, if any, of the petition.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 461-08-200 RULES OF EVIDENCE— ADDITIONAL EVIDENCE BY PRESIDING OFFICER.

AMENDATORY SECTION (Amending Order 1, filed 5/16/73)

WAC 461-12-020 DEFINITIONS. (1) Public records. "Public record" includes any writing containing information relating to the performance of any governmental or proprietary function which is prepared, owned, used or retained by the Shorelines Hearings Board, regardless of physical form or characteristics.

(2) Writing. "Writing" means handwriting, typewriting, printing, photostating, photographing and every other means of recording any form of communication or representation, including letters, words, pictures, sounds, or symbols, or combination thereof, and all papers, maps, magnetic or paper tapes, photographic films and prints, magnetic or punched cards, discs, drums and other documents.

(3) Shorelines Hearings Board. The Shorelines Hearings Board (hereinafter board) is a quasi-judicial body created pursuant to chapter 90.58 RCW and is hereinafter referred to as the "board". Where appropriate, the term "board" also refers to the staff and employees of the (~~Shorelines Hearings Board~~) Environmental Hearings Office.

AMENDATORY SECTION (Amending Order 3, filed 10/1/73)

WAC 461-12-031 MEMBERSHIP, FUNCTION AND JURISDICTION. (1) Members. The Shorelines Hearings Board (hereinafter board) is a quasi-judicial body, composed of six members. Three members shall be members of the Pollution Control Hearings Board. Two members, one appointed by the Association of Washington Cities and one appointed by the Association of County Commissioners, shall serve at the pleasure of the associations. The state land commissioner or his designee shall be the sixth member. The chairman of the Pollution Control Hearings Board shall be the chairman of the Shorelines Hearings Board.

(2) Function and jurisdiction. The function of the board is to provide quasi-judicial review pursuant to the

provisions of RCW 90.58.180. In review proceedings, the board shall utilize the provisions of chapter 461-08 WAC (~~(1-08 (Uniform Procedure Rules))~~). Those matters properly reviewable by the board include but are not limited to:

(a) Grants, denials or (~~recissions~~) rescissions of substantial development permits on shorelines of the state where a request for review is filed with the board by an aggrieved person. Review shall only be granted upon certification by the Attorney General or the Department of Ecology (hereinafter department) pursuant to RCW (~~(90.58.080(1))~~) 90.58.180(1).

(b) Grants or denials of permits and denials of applications for permits where review is sought by the Attorney General or the department pursuant to RCW (~~(90.58.080(2))~~) 90.58.180(2).

(c) Rules, regulations, guidelines, designations or master programs for shorelines of the state adopted or approved by the department where review is sought by any local governmental entity pursuant to RCW (~~(90.58.080(3))~~) 90.58.180(4).

AMENDATORY SECTION (Amending Order 1, filed 5/16/73)

WAC 461-12-032 ADMINISTRATION OF THE BOARD. The administrative offices of the board (~~and its staff~~) shall be located at (~~(Number One South Sound Center)~~) the Environmental Hearings Office, 4224 6th Avenue SE, Building 2 Rowesix, MS: PY-21, Lacey, Washington 98504. The board has no established field organization and all available records relating to board functions shall be in the custody of the (~~(Clerk of the)~~) board at the foregoing address.

AMENDATORY SECTION (Amending Order 3, filed 10/1/73)

WAC 461-12-034 QUORUM. Four or more members shall constitute a quorum for making orders. A decision of the board must be agreed to by at least four members in order to be final. Any member of the board, or other person designated by the chairman, may hold hearings and take testimony, but all proceedings and testimony shall be reported to the board to the extent required by RCW 34.04.110, and ultimate decisions shall be by at least four or more members of the board.

AMENDATORY SECTION (Amending Order 1, filed 5/16/73)

WAC 461-12-036 COMMUNICATIONS WITH THE BOARD. All written communications by parties pertaining to a particular case, including requests for hearings on all matters; notices of appeal from orders and decisions; certifications of the department or the Attorney General; and applications and requests for relief of any kind, shall be filed with the (~~(Clerk of the)~~) board at its principal office in Lacey, Washington 98504. Copies of all such written communications shall be furnished to the department and the Attorney General by the party seeking review where the request is for review by the board of a final order of a local government pursuant to RCW 90.58.180(1).

AMENDATORY SECTION (Amending Order 1, filed 5/16/73)

WAC 461-12-040 PUBLIC RECORDS OFFICER. The board's (~~((public records))~~) administrative officer shall be in charge of the (~~((Clerk of the Board. The clerk))~~) public records. Such person shall be responsible for implementation of these rules and regulations regarding release of public records, and generally insuring compliance with the public records disclosure requirements of chapter 1, Laws of 1973, sections 25 through 34.

AMENDATORY SECTION (Amending Order 1, filed 5/16/73)

WAC 461-12-060 REQUESTS FOR PUBLIC RECORDS. Subject to the provisions of chapter 1, Laws of 1973 that agencies prevent unreasonable invasions of privacy, protect public records from damage or disorganization, and prevent excessive interference with essential functions of the agency, public records may be inspected or copied or copies of such records may be obtained, by members of the public, upon compliance with the following procedures:

(1) A request shall be made in writing upon a form prescribed by the board which shall be available at its administrative office. The form shall be presented to the (~~((Clerk of the))~~) board or to any member of the board's staff (~~((; if the clerk is not available;))~~) at the administrative office of the board during customary office hours. The request shall include the following information:

- (a) The name of the person requesting the record;
- (b) The time of day and calendar date on which the request was made;
- (c) The nature of the request;
- (d) If the matter requested is referenced within the current index maintained by the records officer, a reference to the requested record as it is described in such current index;
- (e) If the requested matter is not identifiable by reference to the board's current index, an appropriate identification of the record requested.

(2) In all cases in which a member of the public is making a request, it shall be the obligation of the (~~((clerk or))~~) staff member to whom the request is made, to assist the member of the public in appropriately identifying the public record requested.

AMENDATORY SECTION (Amending Order 1, filed 5/16/73)

WAC 461-12-070 COPYING. No fee shall be charged for the inspection of public records. The board shall charge a fee of (~~((\$1.00))~~) ten cents per page of copy for providing copies of public records and for use of the board's copy equipment. This charge is the amount necessary to reimburse the board for its actual costs incident to such copying.

AMENDATORY SECTION (Amending Order 1, filed 5/16/73)

WAC 461-12-090 REVIEW OF DENIALS OF PUBLIC RECORDS REQUESTS. (1) Any person who objects to denials of a request for a public record may petition for prompt review of such decision by tendering a written request for review. The written request shall specifically refer to the written statement by the (~~((clerk; officer or other))~~) staff member which constituted or accompanied the denial.

(2) Immediately after receiving a written request for review of a decision denying a public record, the (~~((clerk or other))~~) staff member denying the request shall refer it to a member of the board. The member shall immediately consider the matter and, if appropriate, call a special meeting of the board as soon as possible to review the denial. In any case, the request shall be returned with a final written decision of the board or its acting member within two business days following the original denial.

(3) Administrative remedies shall not be considered exhausted until the board or its acting member shall have returned the petition with a decision or until the close of the second business day following denial of inspection, whichever occurs first.

(4) With regard to denials of inspection, the provisions of WAC 461-12-034 shall be inapplicable.

AMENDATORY SECTION (Amending Order 1, filed 5/16/73)

WAC 461-12-100 PROTECTION OF PUBLIC RECORDS. The (~~((Clerk of the Board))~~) administrative officer shall, to the extent practicable, insure that records are not removed from the premises nor portions thereof removed by members of the public.

AMENDATORY SECTION (Amending Order 1, filed 5/16/73)

WAC 461-12-120 COMMUNICATIONS WITH THE BOARD. All communications with the board, including but not limited to the submission of materials pertaining to its operations and/or the administration or enforcement of chapter 1, Laws of 1973 and these rules, requests for copies of the board's decisions and other matters, shall be addressed as follows: Shorelines Hearings Board, (~~((c/o Clerk of the Board, Number One South Sound Center))~~) Environmental Hearings Office, 4224 6th Avenue SE, Building 2 Rowesix, MS: PY-21, Lacey, Washington 98504.

NEW SECTION

WAC 461-12-130 ADOPTION OF FORM. The board hereby adopts the use by all persons requesting inspection and/or copies of records the form set out below, entitled "request for public records."

We have received your request for copies of our public records. Please complete the form and return it with the amount required. We will forward the requested copies to you as soon as we receive this form.

Thank you.

Return to:

Shorelines Hearings Board
Environmental Hearings Office
4224 6th Avenue SE
Building 2 Rowsix, MS: PY-21
Lacey, Washington 98504

SHORELINES HEARINGS BOARD
REQUEST FOR PUBLIC RECORDS

Date Time
Name
Address

Description of Records (see index):

I certify that the information obtained through this request for public records will be used in compliance with chapter 42.17 RCW.

Signature

Number of Copies
Number of Pages
Per Page Charge \$.
Total Charge \$.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 461-12-035 OFFICE OF THE CLERK OF THE BOARD.

WSR 81-19-026
ADOPTED RULES
DEPARTMENT OF AGRICULTURE
[Order 1748-Filed September 9, 1981]

I, M. Keith Ellis, director of the Department of Agriculture, do promulgate and adopt at 406 General Administration Building, Olympia, Washington, the annexed rules relating to:

Amd WAC 16-96-130 The fee for brand inspecting cattle.
Amd WAC 16-620-100 The certificate of permit and bill of sale

form used for the intrastate transportation of cattle and the sale of cattle and horses.

Amd WAC 16-620-210 The fee for certificate of permit and bill of sale forms.

This action is taken pursuant to Notice No. WSR 81-15-091 filed with the code reviser on July 22, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 16.57.160 and 16.57.240 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 8, 1981.
By M. Keith Ellis
Director

AMENDATORY SECTION (Amending Order 1277, filed 7/31/72)

WAC 16-96-130 BRAND INSPECTION FEES. The fee for inspecting cattle and calves of or for brands, and/or any other method of identifying cattle and calves shall be ((thirty)) forty-five cents per head.

Reviser's Note: RCW 34.04.058 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

AMENDATORY SECTION (Amending Order 1590, filed 6/29/79)

WAC 16-620-100 PRESCRIBED CERTIFICATE OF PERMIT AND BILL OF SALE FORM. The certificate of permit and bill of sale form incorporated herein shall constitute the official form ((for branded cattle)) prescribed by the director under the provisions of RCW 16.57.240(;-PROVIDED, That such certificate of permit)). Such form shall represent a bill of sale only after it has been presented to a brand inspector for validation and has been validated within seven days of the sale of ((the)) cattle subject to brand inspection under the provisions of RCW 16.57.160 and WAC 16-620-020.

((WASHINGTON DEPARTMENT OF AGRICULTURE
CERTIFICATE OR PERMIT OR BILL OF SALE

Note: A copy of this certificate must accompany all cattle transported within this state.

If no Brand Inspection is made, the Original shall accompany a 10¢ Assessment per Head to be paid to the Washington State Beef Commission, P.O. Box 799, Ellensburg, Washington, as required by chapter 133, Laws of 1969.*

OWNER DATE
(Print Name Plainly)

ANIMALS BEING
MOVED FROM COUNTY
(Nearest Post Office)

SOLD TO CITY
OR
CONSIGNED TO CITY

HAULED BY
(Signature)

VEHICLE
LICENSE NO. STATE

~~*THIS PAYMENT NOT REQUIRED FOR DAIRY COWS
SOLD FOR MILK PRODUCTION~~

~~**THIS CERTIFICATE NOT VALID AS A BILL OF SALE
FOR BRANDED CATTLE UNLESS VALIDATED BY A
STATE BRAND INSPECTOR WITHIN SEVEN DAYS OF
SALE:~~

.....
..... BRAND INSPECTOR
(Signature)
BRAND RECORDED IN
(STATE)

	NO.	HEAD	BREED	KIND	BRAND	LOCATION	NO
CATTLE							
CATTLE							
CATTLE							
VEAL							
HIDES							
OR CAR							
CASSES							

~~ARE THE ABOVE CATTLE SUBJECT TO A LIEN OR MORTGAGE? YES NO~~

~~I hereby certify under the penalty of perjury that I am the owner or the duly authorized agent of the owner of the above described animals.~~
.....
(Signature)

ADDRESS OF
OWNER

Note: ~~FAILURE TO NOTIFY A LIVESTOCK MARKET THAT
CATTLE ARE SUBJECT TO AN UNSATISFIED LIEN
OR MORTGAGE CONSTITUTES A GROSS MISDEMEANOR. (RCW 16.65.150))~~

STATE OF WASHINGTON No.
DEPARTMENT OF AGRICULTURE

CERTIFICATE OF PERMIT OR BILL OF SALE

Required for transportation of cattle, hides, or carcasses within Washington State. May be used for change of ownership of cattle or horses inspected by a Washington State Brand Inspector.

Validation by brand inspector required for bill of sale only

Owner Date

Sold to City

Point of Origin
(Nearest Post Office) County

Destination (Consigned to) City

Hauled by (Signature)

Vehicle License No. State

No. of Livestock Breed Sex Brand Brand Location

Are the above cattle subject to a lien or mortgage? Yes No
Failure to disclose the existence of a line or mortgage to a public livestock market constitutes a gross misdemeanor (RCW 16.65.150)

I certify that I am
the owner of the
described livestock*
Address of Owner City

*If submitted by an authorized agent on behalf of the owner agent must sign here
When presented as proof of ownership at a public livestock market or slaughterhouse, the document becomes a record of the Washington State Department of Agriculture. Any person who falsifies or forges such a public document is guilty of a felony. (RCW 40.16.630)
AGR-070-7020 (Rev.8-81)

PLEASE PRINT CLEARLY

Reviser's Note: RCW 34.04.058 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

AMENDATORY SECTION (Amending Order 1266, filed 5/18/72)

WAC 16-620-210 PURCHASE OF OFFICIAL FORMS. Books of the official certificate of permit and bill of sale shall be obtained from the regulatory services division of the department of agriculture upon payment of ((fifty cents)) one dollar.

Reviser's Note: RCW 34.04.058 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

WSR 81-19-027

ADOPTED RULES

**UTILITIES AND TRANSPORTATION
COMMISSION**

[Order R-173, Cause No. TV-1500-Filed September 9, 1981]

In the matter of amending WAC 480-12-215 relating to leasing of equipment by private carriers; and WAC 480-12-400, 480-12-430 and 480-12-445 relating to carriers of household goods and information to be provided to shippers of household goods.

This action is taken pursuant to Notice No. WSR 81-16-083 filed with the Code Reviser on August 5, 1981. This amendment shall take effect pursuant to RCW 34.04.040(2).

This rule amendment proceeding is brought on pursuant to RCW 80.01.040 and 81.80.290 and is intended to administratively implement these statutes.

This rule proceeding is in compliance with the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW), the State Register Act (chapter 34.08 RCW), and the State Environmental Policy Act of 1971 (chapter 43.21C RCW).

Pursuant to Notice No. WSR 81-16-083 the above matter was scheduled for consideration at 8:00 a.m., Wednesday, September 9, 1981 in the Commission's Conference Room, Seventh Floor, Highways-Licenses Building, Olympia, Washington, before Chairman Robert W. Bratton, and Commissioners Robert C. Bailey and A. J. Benedetti.

Under the terms of said notice, interested persons were afforded the opportunity to submit data, views, or arguments to the commission in writing prior to September 4, 1981. Under the terms of said notice, interested persons were also afforded the opportunity to submit data, views, or arguments orally at 8:00 a.m., Wednesday, September 9, 1981 in the Commission's Conference Room, Seventh Floor, Highways-Licenses Building, Olympia, Washington.

At the September 9, 1981 meeting, the commission considered the rule change proposal. Written comments in support of the amendments to WAC 480-12-400, 480-12-430 and 480-12-445 were filed by the Washington Movers' Conference; and William Conrad of Eads Transfer appeared at the meeting expressing support for the modifications as proposed.

The rule changes effect no economic values.

In reviewing the entire record herein, it has been determined that WAC 480-12-215, 480-12-400, 480-12-430 and 480-12-445 should be amended to read as set forth in Appendix A, shown below and made a part hereof by reference. WAC 480-12-215 as amended is designed to conform to statutory changes and WAC 480-12-400, 480-12-430 and 480-12-445 as amended will expand the category of local moving which is subject to hourly rates, and provide an alternative means for carriers to give evidence to shippers that cargo protection insurance is in effect for household goods shipments. The rules also provide a specific minimum released value for household goods shipments.

ORDER

WHEREFORE, IT IS ORDERED That WAC 480-12-215, 480-12-400, 480-12-430 and 480-12-435 be adopted as set forth in Appendix A as rules of the Washington Utilities and Transportation Commission to take effect pursuant to RCW 34.04.040(2).

IT IS FURTHER ORDERED That the order and the annexed rule, after being first recorded in the order register of the Washington Utilities and Transportation Commission, shall be forwarded to the Code Reviser for filing pursuant to chapter 34.04 RCW and chapter 1-12 WAC.

DATED at Olympia, Washington this 9th day of September, 1981.

Washington Utilities and Transportation Commission

Robert W. Bratton, Chairman

Robert C. Bailey, Commissioner

A. J. Benedetti, Commissioner

APPENDIX A

AMENDATORY SECTION (Amending Order R-5, filed 6/6/69, effective 10/9/69)

WAC 480-12-400 DEFINITIONS. (1) The term "household goods", for the purpose of the following rules, means personal effects and property used or to be used in a dwelling when a part of the equipment or supply of such dwelling; furniture, fixtures, equipment and the property of stores, offices, museums, institutions, hospitals, or other establishments when a part of the stock, equipment, or supply of such stores, offices, museums, institutions, hospitals, or other establishments; and articles, including objects of art, displays and exhibits, which because of their unusual nature or value require specialized handling and equipment usually employed in moving household goods.

(2) The term "local moving" means all hauls within the limits of any city and all hauls of ((25)) thirty-five constructive miles or less, as well as other specified hauls for which rates are prescribed on a time basis in Items 1300 and 1305 of the Commission's Tariff 4-A, or reissues thereof. All other moves are to be termed "long distance moving".

AMENDATORY SECTION (Amending Order R-5, filed 6/6/69, effective 10/9/69)

WAC 480-12-430 LIABILITY OF CARRIERS.

(1) Liability restricted. Carriers of household goods shall not assume any liability in excess of that for which they are legally liable under their lawful bills of lading and published tariffs.

(2) Insurance policy. Each common carrier which sells, offers, or procures cargo insurance to or for a shipper of household goods shall deliver to the shipper at or prior to the time of shipment a policy or certificate of such insurance (~~which shall show clearly the name and address of the insurance company, the amount of insurance, the premium therefor, and the risks insured against, or the risks excluded, whichever is more appropriate~~) or provide an appropriate notation on the bill of lading that cargo protection has been purchased, the amount thereof and the charge for such cargo protection.

(3) Advertisement of insurance. A carrier of household goods or any employee, agent, or representative thereof, shall not advertise or represent to the public that insurance is provided against all risks, unless such insurance in fact affords protection to the shipper from every peril to which the shipment may be exposed. When all except certain risks are insured against, this fact shall be indicated in any advertisement of and in any representations to shippers regarding the insurance, and such advertising and representations shall not be such as to deceive or mislead the public or any shipper regarding the scope of the exceptions. Policies providing coverage

against specific perils only shall be advertised, represented, and designated as "limited-risk policies" or by some other appropriate designation which will indicate clearly to the shipper that not all risks are covered thereby.

(4) Filing tariffs and evidence of insurance prerequisite to advertising that "all loads are insured". No carrier of household goods or any employee, agent, or representative thereof, shall advertise or represent to the public that "all loads are insured," or other similar wording.

AMENDATORY SECTION (Amending Order R-5, filed 6/6/69, effective 10/9/69)

WAC 480-12-445 INFORMATION TO SHIPPER. Whenever a written estimate is submitted to a prospective shipper of household goods, the carrier shall furnish such shipper a printed statement, in not less than eight-point bold or full-faced type, in substantially the form set forth below, and the carrier shall make an appropriate notation, on the face of the estimate, that such printed statement has been furnished. Where no estimate is given, the statement shall be furnished to the shipper prior to the time the goods are moved, and a notation that such statement has been furnished shall appear on the bill of lading.

**GENERAL INFORMATION FOR SHIPPERS
OF HOUSEHOLD GOODS BY MOTOR
CARRIERS
IN INTRASTATE COMMERCE**

This statement is of importance to you as a shipper of household goods and is being furnished by the carrier pursuant to a requirement of the Washington Utilities and Transportation Commission. It relates to the transportation of household goods, in intrastate commerce by motor carriers frequently called "movers" but hereinafter referred to as carriers. Some carriers perform the transportation themselves. Others act as agent for the carriers which do the actual hauling. In some instances, the transportation is arranged by brokers. You should be sure to obtain the complete and correct name, home address, and telephone number of the carrier which is to transport your shipment, and keep that carrier informed as to how and where you may be reached at all times until the shipment is delivered.

Before completing arrangements for the shipment of your household goods, all of the information herein should be considered carefully by you.

Estimates. REGARDLESS OF ANY PRIOR ESTIMATE RECEIVED, for the carriage of your shipment, you will be required to pay transportation charges and other charges computed in accordance with tariffs filed by the carrier with the Washington Utilities and Transportation Commission. The total charges which you will be required to pay may be more, or less, than the estimate received from the carrier.

Tariff. This is a publication by the Washington Utilities and Transportation Commission, (~~Insurance~~) Highways-Licenses Building, Olympia, Washington, containing charges and rules of carriers engaged in the transportation of household goods. The rates, rules and

provisions are the same for all carriers and tariff is open to public inspection and may be examined at the carrier's office. The tariff rules, rates and regulations of the carrier serving you must be considered in determining the charges on your shipment. Among the rules and regulations will be found special provisions applicable to shipments picked up or delivered at more than one place; packing and marking; diversion of shipments en route; and additional services, the charges for which are called accessorial charges, and which include services such as packing, unpacking, the furnishing of boxes or other containers, and carrying goods up or down steps. The tariff of the carrier serving you contains rules relating to the subjects which follow.

Preparing articles for shipment. If your shipment includes a stove, refrigerator, washing machine, or some other article requiring special servicing, including disconnection, prior to movement, such special servicing should be performed by a person employed by you who is especially trained to perform the work. Such servicing is not the responsibility of the carrier. Similarly you should arrange to take down all blinds, draperies, window cornices, mirrors, and other items attached to the walls, and to take up carpets which are tacked down. The charge for such service is not included in the transportation charge and will be performed by the carrier only at an extra per-hour charge. Under no circumstances should you pack jewelry, money, or valuable papers with your other belongings or matches, inflammables, or other dangerous articles.

Transportation rates and released values. Rates are stated (~~in amounts per one hundred pounds for distances of more than 25 miles and~~) on an hourly basis for local moving within towns or cities or for any distance (~~(25)~~) thirty-five miles or less. (~~Carriers generally maintain~~) These rates (varying) vary according to the released or declared value of the shipment, which establishes the amount a shipper may recover from the carrier if the goods are lost or damaged. The lowest rate (~~(usually)~~) applies when the shipper releases the goods (to) at a value ((not exceeding 30)) of sixty cents per pound per article. (~~For example, you may agree that the value of any article weighing 10 pounds is only \$3.00. This value may not be what the article is worth, but it is the amount which you agree to as the released value and it will be the basis for the settlement of any claim for loss or damage which you might later file. You may declare a higher value on some or all of your goods, but if you do, the transportation charges will be higher~~) When the released value is seventy-five cents per pound, instead of the regular sixty cents, the transportation charge is one hundred ten percent of the base rate, and is further increased by ten percent of the base rate for each additional seventy-five cents per pound of excess value declared. Alternatively, you may elect to ship at the base rate and arrange with the carrier, at your own expense, to obtain insurance to protect you for a greater amount. Rates for hauling within Washington beyond thirty-five miles are stated in amounts per one hundred pounds, depending on the distance involved. The rates also vary according to the released or declared value of the shipment. The carrier's tariff provides that at its

lowest rates the carrier's responsibility for loss or damage caused by it is limited to sixty cents per pound of actual weight of each lost or damaged article. If you wish to be paid full value for lost or damaged items which are worth more than sixty cents per pound, you must declare, before shipping, a lump sum value and pay an extra charge for such value. Payment of the charge establishes the declared value as the maximum amount you may recover from the carrier for loss or damage, unless the damage is caused by an event or development excluded by the terms of the carrier's printed bill of lading, of which you should have a copy. If you do not declare any lump sum value, or a value less than one dollar and twenty-five cents per pound, the shipment will be deemed to have been released at one dollar and twenty-five cents per pound, and an additional charge per one hundred dollars of value will be applied. If you wish to avoid these extra charges, you must agree, in writing, on the bill of lading, that if any articles are lost or damaged, the carrier's liability will not exceed sixty cents per pound for the actual weight of any lost or damaged articles in the shipment.

Cargo protection. A carrier's liability for loss or damage is limited by the bill of lading, its tariffs, and the value declared by the shipper. If you desire the benefit of the lowest transportation rate, but seek greater protection than afforded thereunder, you may purchase cargo insurance or other protection. If such protection is purchased through the carrier, you should require the deliverance to you of evidence of such protection prior to the time your goods are moved(, and)). ~~Such evidence ((should show the amount of such additional protection, the cost thereof, and the risks included or excluded, whichever is more appropriate)) shall consist of either a policy or certificate of insurance, or an appropriate notation on the bill of lading that cargo protection has been purchased, the amount thereof and the charge for such cargo protection.~~

Weights. The transportation charges will be determined on the basis of the weight of your shipment. Ordinarily, the carrier will weigh its empty or partially loaded vehicle prior to the loading of your goods. After loading, it will again weigh the vehicle and determine the weight of your shipment. If your shipment weighs less than ((1,000)) one thousand pounds, the carrier may weigh it prior to loading.

If you so request, the carrier will notify you of the weight of your shipment and the charges as soon as the weight has been determined. Further, if you question the weight reported by the carrier, you may request that the shipment be reweighed prior to delivery. Reweighing will be accomplished only where it is practicable to do so. An extra charge may be made for reweighing, but only if the difference between the two net weights obtained does not exceed ((100)) one hundred pounds (if your shipment weighs ((5,000)) five thousand pounds or less) or does not exceed ((2)) two percent of the lower net weight (if your shipment weighs more than ((5,000)) five thousand pounds). The lower of the two net weights must be used in determining the charges.

Exclusive use of the vehicle. If you do not desire to have the goods belonging to someone else transported

with your shipment, you may direct the carrier to grant you the exclusive use of the vehicle. In such event, however, the charges will probably be much greater.

Expedited service. Carriers are not ordinarily required to make delivery on a certain date or within a definite period of time. However, their tariffs generally contain a rule to the effect that, upon request of the shipper, goods weighing less than a designated weight – usually ((5,000)) five thousand pounds – will be delivered on or before the date specified by the shipper. The transportation charges for such expedited service are based upon the higher weight ((5,000)) five thousand pounds) and, of course, are greater than the charges on shipments hauled at the carrier's convenience.

Small shipments. If your shipment weighs less than the minimum weight prescribed in the carrier's tariff, it will be subject to the minimum charge provided therein. If your shipment weighs substantially less than the minimum weight prescribed by the carrier, you should give consideration to the possibility that it may be shipped more reasonably by other means of transportation, even if the expense of crating the items is taken into consideration.

Storage in transit. In case you desire that your household goods be stored in transit, and delivered at a later date, you may usually obtain such service upon specific request. The length of time a shipment may be stored in transit is limited by the carrier's tariff, and additional charges are normally made for such service. At the end of the designated storage-in-transit period, and in the absence of final delivery instructions, the shipment will be placed in permanent storage, and the carrier's liability in respect thereof will cease. Any further service must be made the subject of a separate contract with the warehouseman. If you do not specifically request storage-in-transit from the carrier, but arrange with someone other than the carrier to pick up your goods for storage, you will be required to pay such other person for such service. Some warehouses make separate charges for checking goods out of storage, and collect dock charges from carriers for the space occupied by their vehicles while being loaded. Such charges are passed on to the shipper.

Bill of lading. Before your shipment leaves point of origin, you should obtain from the carrier a bill of lading or receipt, signed by you and the carrier, showing the date of shipment, the names of the consignor and consignee, the points of origin and destination, a description of the goods, and the declared or released valuation thereof.

Payment of charges – freight bill. You probably will have to pay all charges in cash, by money order, or by certified check before your shipment will be finally delivered. Therefore, when the shipment arrives at destination, you should be prepared to make such payment.

When paying charges on shipments moving more than ((25)) thirty-five miles you should obtain a receipt for the amount paid setting forth the gross and tare weights of the vehicle, the net weight of your shipment, the mileage, the applicable rate per ((100)) one hundred pounds for transportation, additional protection, and any accessory services performed. On shipments moving

under ((25)) thirty-five miles the receipt should show the time the vehicle left the premises of the mover and the time the same vehicle returned thereto, the rate per hour and rates for any accessorial services performed. Such receipt is called a freight bill or expense bill. In the event of loss or damage to the shipment, be sure to have the driver place appropriate notations on the freight bill. If the driver will not make such notations, you should have some disinterested party inspect the damage in the driver's presence and report same in writing to the home office of the carrier.

Loss or damage. If loss or damage is detected when the goods are delivered by the carrier, the fact of such loss or damage should be recorded by the shipper on the bill of lading, or delivery record. All claims for loss or damage must be filed with the carrier, in writing within nine months of delivery. Although the carriers are subject to the rules and regulations of the Washington Utilities and Transportation Commission the Commission has no authority to compel the carriers to settle claims for loss or damage and will not undertake to determine whether the basis for or the amount of such claims is proper, nor will it attempt to determine the carrier liable for such loss or damage. If the carrier will not voluntarily pay such claims, the only recourse of the shipper is the filing of a suit in a court of law. The names of the carrier's agents for service of process in this state may be obtained by writing the Washington Utilities and Transportation Commission, ((Insurance)) Highways-Licenses Building, Olympia, Washington.

AMENDATORY SECTION (Amending Order R-5, filed 6/6/69, effective 10/9/69)

WAC 480-12-215 PSEUDO LEASING. Where private carriers lease equipment and the driver of the equipment is in any manner furnished or controlled directly or indirectly by corporate device or otherwise by the lessor of the vehicle, such facts shall give rise to a presumption that the lessor is furnishing a for-hire transportation service and the commission shall institute proceedings to determine if the lessor should be classified as a common or contract carrier under the provisions of chapter 81.80 RCW and/or RCW ((81.80.180)) 81.04.510.

Where, as a result of a classification hearing, the commission has reason to believe a lease between the lessor and lessee was entered into for the purpose of evading the transportation act, chapter 81.80 RCW, or the rules and regulations of the commission promulgated thereunder, or the applicable lawful tariffs, the commission may institute criminal proceedings under appropriate state law against the lessor and the lessee to the full extent permitted by law and/or the provisions of RCW ((81.80.180)) 81.04.510.

WSR 81-19-028

ADOPTED RULES

UTILITIES AND TRANSPORTATION COMMISSION

[Order R-174, Cause No. TV-1501—Filed September 9, 1981]

In the matter of amending WAC 480-12-340 relating to extension of credit by common carriers.

This action is taken pursuant to Notice No. WSR 81-16-084 filed with the Code Reviser on August 5, 1981. The rule changes hereinafter adopted shall take effect pursuant to RCW 34.04.040(2).

This rule-making proceeding is brought on pursuant to RCW 80.01.040 and is intended administratively to implement these statutes.

This rule-making proceeding is in compliance with the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW), the State Register Act (chapter 34.08 RCW), and the State Environmental Policy Act of 1971 (chapter 43.21C RCW).

Pursuant to Notice No. WSR 81-16-084 the above matter was scheduled for consideration at 8:00 a.m., Wednesday, September 9, 1981, in the Commission's Conference Room, Seventh Floor, Highways-Licenses Building, Olympia, Washington, before Chairman Robert W. Bratton and Commissioners Robert C. Bailey and A. J. Benedetti.

Under the terms of said notice, interested persons were afforded the opportunity to submit data, views, or arguments to the commission in writing prior to September 4, 1981. Under the terms of said notice, interested persons were afforded the opportunity to submit data, views, or arguments orally at 8:00 a.m., Wednesday, September 9, 1981, in the Commission's Conference Room, Seventh Floor, Highways-Licenses Building, Olympia, Washington.

At the September 9, 1981, meeting the commission considered the rule change proposal. A written communication was received from George H. Hart, attorney for the Washington Movers' Conference, supporting the amendment as proposed. Ted Griebing of Bekins Moving and Storage appeared at the meeting expressing support for the rule modification as proposed. No other comments, written or oral, were received.

The adoption of WAC 480-12-340 affects no economic values.

In reviewing the entire record herein, it has been determined that WAC 480-12-340 should be adopted to read as set forth in Appendix A shown below and by this reference made a part hereof. WAC 480-12-340 is designed to provide for special consideration of credit by household goods carriers, and accommodate credit arrangements by order of the commission.

ORDER

WHEREFORE, IT IS ORDERED That WAC 480-12-340 as set forth in Appendix A, be amended as a rule of the Washington Utilities and Transportation Commission to take effect pursuant to RCW 34.04.040(2).

IT IS FURTHER ORDERED That the order and the annexed rule after being first recorded in the order register of the Washington Utilities and Transportation Commission, shall be forwarded to the Code Reviser for filing pursuant to chapter 34.04 RCW and chapter 1-12 WAC.

DATED at Olympia, Washington, this 9th day of September, 1981.

Washington Utilities and Transportation Commission

Robert W. Bratton, Chairman

Robert C. Bailey, Commissioner

A. J. Benedetti, Commissioner

APPENDIX A

AMENDATORY SECTION (Amending Order R-150, Cause No. TV-1372, filed 8/27/80)

WAC 480-12-340 CREDIT, EXTENSION OF, BY COMMON CARRIERS. (1) In extending credit by common carriers to shippers and consignees for transportation charges, if such charges are not paid when due, the further extension of credit shall immediately cease and all necessary legal steps be taken at once to collect the outstanding amount. In all such cases the full circumstances shall be reported to the Commission for such action as it may deem necessary.

(2) Upon taking precautions deemed by them to be sufficient to assure payment of the tariff charges within the credit period herein specified, common carriers by motor vehicles may relinquish possession of freight in advance of the payment of the tariff charges thereon and may extend credit in the amount of such charges to those who undertake to pay them, such persons herein being called shippers, for a period of 7 days, excluding Sundays and legal holidays other than Saturday half-holidays. When the freight bill covering a shipment is presented to the shipper on or before the date of delivery, the credit period shall run from the first 12 o'clock midnight following delivery of the freight. When the freight bill is not presented to the shipper on or before the date of delivery, the credit period shall run from the first 12 o'clock midnight following the presentation of the freight bill.

(3) Where a common carrier by motor vehicle has relinquished possession of freight and collected the amount of tariff charges presented by it as the total amount of such charges, and another freight bill for additional freight charges is thereafter presented to the shipper, the carrier may extend credit in the amount of such additional charges for a period of 30 calendar days to be computed from the first 12 o'clock midnight following the presentation of the subsequently presented freight bill.

(4) Freight bills for all transportation charges shall be presented to the shippers within 7 calendar days from the first 12 o'clock midnight following delivery of the freight.

(5) Shippers may elect to have their freight bills presented by means of the United States mails, and when the mail service is so used the time of mailing by the

carriers shall be deemed to be the time of presentation of the bills. In case of dispute as to the time of mailing, the postmark shall be accepted as showing such time.

(6) The mailing by the shipper of valid checks, drafts or money orders, which are satisfactory to the carriers, in payment of freight charges within the credit period allowed such shipper may be deemed to be the collection of the tariff rates and charges within the credit period for the purpose of these rules. In case of dispute as to the time of mailing, the postmark shall be accepted as showing such time.

(7) Carriers engaged in garbage, refuse or debris collection may present monthly bills(~~(, and)~~); carriers of logs and carriers of household goods shall be governed as to extension of credit by other orders of the commission relating to the subject.

(8) Carriers billing for the transportation of unmanufactured or unprocessed agricultural commodities, including the return of empty containers, where the farmer or grower pays the freight charges, shall present the freight bill to said farmer or grower within 7 calendar days from the first 12 o'clock midnight following delivery of the freight. The carrier may extend credit for transportation charges for a period of 30 calendar days, to be computed from the first 12 o'clock midnight following presentation of the subsequently presented freight bill.

(9) The provisions of this rule shall not apply to payments of intrastate transportation charges by use of charge cards when a carrier offering charge card payment services has obtained approval for such charge card plan or plans as provided in WAC 480-12-465 and when the shipper of household goods does not force an involuntary extension of credit by the carrier by causing the charge card issuer to reverse the charge transaction and charge payments back to the carrier's account.

WSR 81-19-029

ADOPTED RULES

DEPARTMENT OF SOCIAL AND HEALTH SERVICES (Public Assistance)

[Order 1698—Filed September 9, 1981]

I, David A. Hogan, Department of Social and Health Services, do promulgate and adopt at Olympia, Washington, the annexed rules relating to verification of overpayment, amending WAC 388-44-115.

This action is taken pursuant to Notice No. WSR 81-15-048 filed with the code reviser on July 15, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Department of Social and Health Services as authorized in RCW 74.08.090.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as

appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 9, 1981.

By David A. Hogan
Director, Division of Administration

AMENDATORY SECTION (Amending Order 800, filed 5/25/73)

WAC 388-44-115 VERIFICATION OF OVERPAYMENT. (1) When an apparent overpayment has occurred, the department shall attempt to verify all pertinent information in the case. It shall attempt to contact the recipient and request an explanation of the circumstances surrounding the apparent overpayment.

(2) If the recipient does not respond or fails to cooperate, the department shall make an independent determination, based on all available information, that an overpayment either has or has not occurred.

(3) When an overpayment has been verified, the department shall take appropriate action to secure repayment as prescribed by WAC 388-44-125 through WAC 388-44-160. Any such action shall be consistent with departmental rules on notification of suspension, termination, or reduction of grant.

(4) A letter shall be sent to any recipient or payee whose liability for an overpayment has been established. This letter shall include the following information:

- (a) The amount of the overpayment,
- (b) The circumstances which brought about the overpayment,
- (c) The dates on which overpayment occurred,
- (d) A determination that fraud is or is not involved,
- (e) A statement that overpayments and any penalties for fraud are debts due the state,
- (f) A computation of the amount due the state,
- (g) A request that the person contact the ((local office)) office of reimbursements to discuss the method of repayment,
- (h) A statement of the right to a fair hearing.

(5) A letter notifying a person of a fraud overpayment must include the following statements in addition to those items in subsection (4) of this section:

(a) Property of the debtor will be subject to collection action after the debtor terminates from public assistance.

(b) Property will be subject to lien and foreclosure, distraint and seizure, and sale or order to withhold and deliver.

(c) Net proceeds of subsection (5)(a) and (b) of this section will be applied to satisfy the overpayment debt.

(d) Action to collect the debt as in subsection (5)(a) and (b) of this section is lawful after ninety days from the debtors termination from public assistance or receipt of the notice of debt, whichever is later.

(6) A person who has incurred a fraud overpayment shall be notified of that debt by:

- (a) Personal service, or
- (b) Certified mail, return receipt requested, addressee only.

(7) Personal service may be made by:

- (a) An employee of DSHS.

(b) The sheriff of the county in which the recipient of public assistance resides. When service is made by the sheriff, an affidavit of service on the county's form will routinely be furnished by the sheriff.

(c) Any other person eighteen years of age or older who is competent to be a witness in the action.

(8) Personal service can be made by delivering a copy of the overpayment letter as follows:

(a) If to a minor, to such minor personally, and also to his or her father, mother, guardian, or if there is none within the state, then to any person having the care, custody or control of such minor or who is the payee of the minor's grant, or with whom he or she resides or in whose service he or she is employed.

(b) If to any person for whom a guardian has been appointed for any cause, then to such guardian.

(c) If to a company or corporation, to the president or other head of the company or corporation, secretary, cashier, or managing agent thereof or the secretary, stenographer or office assistant of the president or other head of the company or corporation, secretary, cashier or managing agent.

(d) In all other cases, to the debtor personally or by leaving a copy of the letter at the residence of the debtor's usual abode with some person of suitable age and discretion residing therein.

(e) If joint liability exists, each debtor shall be provided a copy, except only one copy need be sent to spouses living together.

(f) Out-of-state service shall be the same as personal service within the state.

(g) Refusal of such notice by the debtor is proof of notice to the debtor of the debt owed.

(9) Nothing in this section precludes the department from recovering fraud overpayments by deduction from subsequent assistance payments.

WSR 81-19-030

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-124--Filed September 9, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order is necessary to provide protection for upriver fall chinook salmon while allowing a fishery on hatchery salmon in the Lower Columbia River and tributaries and to provide clear boundary descriptions.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 9, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-32-03600L TERMINAL AREA FISHERIES. (1) Notwithstanding the provisions of WAC 220-32-036, it is unlawful to take, fish for or possess salmon for commercial purposes with gill net gear in the following Columbia River Fisheries Areas except during the seasons provided for hereinafter in each respective fishing area:

Grays River – Those waters of Grays Bay northerly of a line projected true east from Rocky Point to a boundary marker on the mainland, including those waters of Deep River upstream to Highway 4 Bridge and those waters of Deep River upstream to markers at Leo Reisticka Farm. Open fishing period shall be:

6:00 p.m. September 7, 1981 to 6:00 p.m.
September 11, 1981

Skamokawa-Steamboat Sloughs – Those waters of Skamokawa and Steamboat Sloughs north and easterly of a line projected south-easterly from mainland across slough mouth to light "33" on northeast tip of Price Island upstream in Skamokawa Creek to first west fork and including Steamboat Slough southerly to a line projected easterly from southern tip of Price Island to mainland. Open fishing period shall be:

6:00 p.m. September 7, 1981 to 6:00 p.m.
September 11, 1981.

Elokomin Slough – Those waters of Elokomin Slough easterly of a line projected from boundary markers on the outermost uplands of the western mouth of Elokomin Slough to the Highway 4 Bridge, including Elokomin Slough upstream of a line projected east from a light at the southern tip of Hunting Island to the mainland. Open fishing periods shall be:

6:00 p.m. September 7, 1981 to 6:00 p.m.
September 11, 1981.

Cowlitz River – Those waters of the Cowlitz River upstream of a line projected southeast from flashing green light on the west bank at the mouth of the Cowlitz River to the west tip of Cottonwood Island to a boundary marker on the east bank at the Cowlitz River mouth northerly to a line projected between boundary markers near the cement plant on the west bank of the Cowlitz River. Open fishing periods shall be:

6:00 p.m. September 7, 1981 to 6:00 p.m.
September 11, 1981.

Camas Slough – Those waters of Camas Slough upstream of a line projected true north from western tip of Lady Island to mainland upstream to line projected from Crown Zellerbach pumphouse southerly to a boundary marker on the north shore of Lady Island. Open fishing period shall be:

6:00 p.m. September 7, 1981 to September
11, 1981

6:00 p.m. September 14, 1981 to 6:00 p.m.
September 18, 1981

(2) Lawful gear in the areas described in subsection (1) of this section shall be "terminal gear." Terminal gear is defined as gill net gear no more than 100 fathoms in length measured at the cork line, which may be free floating or stationary if it is not staked or tied to fixed object on the shore and which must be attended at all times. The minimum mesh size for such terminal gear is 5 inches.

(3) It is unlawful for anyone except Washington licensed fishermen to gill net in terminal areas described in subsection (1) of this section.

(4) It is unlawful for anyone except for licensed wholesale fish dealers to possess or transport outside of open Washington terminal areas any salmon taken during the respective terminal area seasons, except upstream of the designated fishing area.

REPEALER

The following section of the Washington Administrative Code is repealed effective 12:01 a.m. August 27, 1981:

WAC 220-32-03600K TERMINAL AREA
FISHERIES (81-105)

WSR 81-19-031

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-125—Filed September 9, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is Areas 4B, 5, 6, 6A, 6C, 7 and 7A are restricted to protect Fraser River and some Puget Sound adult chinook salmon. Area 6D and the Dungeness River are closed to protect Dungeness River pink salmon and chinook salmon already present. Strait tributaries are closed to protect chinook salmon in those tributaries. Nooksack River is restricted because

no harvestable surplus of Nooksack River pink salmon remains. Area 7C and the Samish River are closed to protect escapement of Samish Hatchery fall chinook salmon. Area 8 and the Skagit River restrictions permit harvest of pink salmon while protecting coho salmon and monitoring species composition. Areas 6B and 9 are closed to protect Nisqually, Stillaguamish, and Snohomish pink and various coho salmon stocks. Areas 10 and 11 are closed to protect South Puget Sound coho salmon stocks. Areas 13 and 13B are restricted to protect Nisqually pink and Deschutes chinook salmon. Area 10B restrictions protect Lake Washington sockeye. Areas 10C, 10D and the Cedar River are closed to protect Lake Washington sockeye and fall chinook. Portions of Area 12C are closed to protect Hoodspout and Dewatto fall chinook. The Elwha River is closed to protect pink salmon. Area 8A and the Stillaguamish and Snohomish River are restricted to protect pink salmon.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 9, 1981.

By W. R. Wilkerson
for Rolland A. Schmitt
Director

NEW SECTION

WAC 220-28-112 PUGET SOUND COMMERCIAL FISHERY RESTRICTIONS. Effective September 10, 1981, until further notice, it is unlawful for treaty Indian fishermen to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:

Area 4B – Troll-caught chinook under 24 inches in length and troll-caught coho under 16 inches in length must be released. Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 5 – Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6 – Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6A – Gill nets restricted to 5-7/8-inch maximum mesh, and all other net gear must release chinook salmon over 28 inches when open.

Area 6B – Closed to all commercial net fishing.

Area 6C – Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6D – Closed to all commercial fishing.

Area 7 and 7A – Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 7C – Closed to all commercial fishing.

Area 8 – Closed to gill nets, and all other gear must release chinook and coho salmon, when open.

Area 8A – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Area 9 – Closed to all commercial fishing.

Area 10 – Closed to all commercial fishing, except gill nets may fish from 5:00 a.m.

Wednesday, September 9, 1981 to 9:00 a.m.

Thursday, September 10, 1981, and purse seines may fish from 5:00 a.m. Wednesday,

September 9, 1981 to 9:00 p.m. Wednesday, September 10, 1981.

Area 10A – Closed to all commercial fishing.

Area 10B – Gill nets restricted to 6-1/2-inch minimum mesh when open.

Areas 10C and 10D – Closed to all commercial fishing.

Area 11 – Closed to all commercial fishing, except gill nets may fish from 5:00 a.m.

Wednesday, September 9, 1981 to 9:00 a.m.

Thursday, September 10, 1981.

Areas 12C – Closed to all commercial fishing within 1,000 feet of western shore between Hoodspout Marina Dock and Glen Ayr Trailer Park, and within 1/4 mile of a line connecting the outermost points of Dewatto Bay including Dewatto Bay.

Area 13 – Closed to all commercial fishing except in that portion in Hale Passage between the Fox Island Bridge and a line projected from the old ferry dock southeast of Ketner's Point 24 degrees true to the mainland.

*** Area 13B** – Closed to gill net gear. All other gear must immediately release pink salmon and female chinook salmon over 24 inches in length when open.

Puyallup River – Gill nets restricted to 6-inch maximum mesh size when open.

Nisqually River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Cedar River – Closed to all commercial fishing.

Duwamish/Green River – Closed to all commercial fishing.

Dungeness River – Closed to all commercial fishing.

Elwha River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Nooksack River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Stillaguamish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Snohomish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Samish River – Closed to all commercial fishing.

Skagit River – Closed to gill nets below Gilligan Creek, and all other gear must release chinook and coho salmon when open below Gilligan Creek. Gill nets restricted to 6-inch maximum mesh size, and all other gear must release chinook salmon from Gilligan Creek upstream to the Old Faber Ferry Landing when open. Closed to all commercial fishing until further notice above the Old Faber Ferry Landing including all tributaries.

Clallam River, Deep Creek, Hoko River, Lyre River, Pysht River, Sail River, Salt Creek, Sekiu River, East Twin River, West Twin River – Closed to all commercial fishing.

REPEALER

The following section of the Washington Administrative Code is repealed effective September 9, 1981:

WAC 220-28-111 Puget Sound Commercial Fishery Restrictions (81-123)

WSR 81-19-032

PROPOSED RULES

DEPARTMENT OF REVENUE

[Filed September 10, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Department of Revenue intends to adopt, amend, or repeal rules concerning:

New WAC 458-53-141 Personal property audit selection—Estoppel.

Amd WAC 458-53-110 Property values used in the ratio study;

that such agency will at 10:00 a.m., Tuesday, October 27, 1981, in the Evergreen Plaza Building, Room 301, 711 South Capital Way, Olympia, WA, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 10:00 a.m., Friday, October 30, 1981, in the Evergreen Plaza Building, Room 301, 711 South Capital Way, Olympia, WA.

The authority under which these rules are proposed is RCW 84.48.075.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to October 27, 1981, and/or orally at 10:00 a.m., Tuesday, October 27, 1981, Evergreen Plaza Building, Room 301, 711 South Capital Way, Olympia, WA.

Dated: September 10, 1981

By: Trevor W. Thompson
Assistant Director

STATEMENT OF PURPOSE

This statement of purpose, prepared in compliance with RCW 34.04.045, accompanies proposed rules to be promulgated by the Department of Revenue as follows:

Title: new section WAC 458-53-141, Personal property audit selection—Estoppel and amendatory section WAC 458-53-110, Property values used in the ratio study.

Purpose: To establish a procedure for selecting which personal property accounts will be audited and which values will be used in the ratio study.

Statutory Authority: RCW 84.48.075 requires the Department of Revenue to establish rules and regulations pertinent to the determination of the indicated county ratio.

Summary and Reasons for the Rule: These rules provide that personal property accounts will be classified as to their use and the selection of these accounts for audit will be based upon those classes. This will alleviate the problem of one type property outweighing other types when determining the indicated ratio. These rules also provide that the Department will not use advisory appraisals in the ratio study unless they fall within the sales study or appraisal study.

Person Responsible for Drafting, Implementation and Enforcement of the Rules: Trevor W. Thompson, Director, Property Tax, Evergreen Plaza Bldg., Room 301, 711 South Capital Way, Olympia, Washington 98501, (206) 753-5503.

Proposer of the Rule: Department of Revenue, Olympia, Washington 98504.

Comments and Recommendations: None.

Federal Law or Court Action Citation: No federal laws involved or action required by the courts.

NEW SECTION

WAC 458-53-141 PERSONAL PROPERTY AUDIT SELECTION – ESTOPPEL (1) Each county shall classify and code every personal property account based upon the following classification codes:

- (a) agriculture, fishing, and forestry (not logging)
- (b) mining, quarrying, and contract construction
- (c) manufacturing
- (d) retail – wholesale
- (e) finance, insurance, real estate and services
- (f) transportation, communication, utilities, improvements on exempt land, and all other not classified
- (g) mobile homes
- (h) boats

(2) Those accounts which contain property of more than one classification shall be coded based upon which class has the greatest value.

(3) The number selected for audit in each size stratum shall be based upon the classification code so that no one property class shall outweigh any others.

(4) Any county not conforming to the foregoing shall have the accounts selected on a random basis within each value stratum as provided for in WAC 458-53-140 and shall be estopped from pursuing an appeal based upon one class of property outweighing another.

AMENDATORY SECTION (Amending Order PT 79-3, filed 10/11/79)

WAC 458-53-110 PROPERTY VALUES USED IN THE RATIO STUDY. The following property values will be included in the ratio study as provided in these rules:

(1) Values established by law or required to be determined by the department by law, but excluding property valued under chapters 84.12 and 84.16 RCW.

(2) Values determined by county assessors (~~chapter 84.41 RCW~~) according to the provisions of chapter 84.41 RCW.

(3) Values of land classified under chapters 84.33 and 84.34 RCW.

(4) Advisory values supplied to the assessor by the department shall not be included in the ratio study unless the property falls within the sales study provided for in WAC 458-53-070 or is selected in the appraisal study in accordance with WAC 458-53-130.

Reviser's Note: RCW 34.04.058 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

WSR 81-19-033
ADOPTED RULES
UTILITIES AND TRANSPORTATION
COMMISSION

[Order R-175, Cause No. TV 1526—Filed September 10, 1981]

In the matter of amending WAC 480-12-195, relating to transportation of hazardous materials by common and contract carriers operating in the state of Washington.

This action is taken pursuant to Notice No. WSR 81-16-039 filed with the Code Reviser on July 30, 1981. The rule changes hereinafter adopted shall take effect pursuant to RCW 34.04.040(2).

This rule-making proceeding is brought on pursuant to RCW 80.01.040, 81.80.211 and 81.80.290 and is intended administratively to implement these statutes.

This rule-making proceeding is in compliance with the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW), the State Register Act (chapter 34.08 RCW), and the State Environmental Policy Act of 1971 (chapter 43.21C RCW).

Pursuant to Notice No. WSR 81-16-039 the above matter was scheduled for consideration at 8:00 a.m., Wednesday, September 9, 1981, in the Commission's Conference Room, Seventh Floor, Highways-Licenses Building, Olympia, Washington, before Chairman Robert W. Bratton and Commissioners Robert C. Bailey and A. J. Benedetti.

Under the terms of said notice, interested persons were afforded the opportunity to submit data, views, or arguments to the commission in writing prior to September 4, 1981. Under the terms of said notice, interested persons were afforded the opportunity to submit data, views, or arguments orally at 8:00 a.m., Wednesday, September 9, 1981, in the Commission's Conference Room, Seventh Floor, Highways-Licenses Building, Olympia, Washington.

At the September 9, 1981, meeting the commission considered the rules as proposed. No written comments were received. Oral comments in support of the rule change were offered by Larry Pursley of the Washington Trucking Association.

The amendment of WAC 480-12-195 affects no economic values.

In reviewing the entire record herein, it has been determined that WAC 480-12-195 should be amended to read as set forth in Appendix A shown below and by this reference made a part hereof. WAC 480-12-195 will

update current hazardous materials regulations to be consistent with recent changes in federal rules in this area.

ORDER

WHEREFORE, IT IS ORDERED That WAC 480-12-195 as set forth in Appendix A, be amended as rules of the Washington Utilities and Transportation Commission to take effect pursuant to RCW 34.04.040(2).

IT IS FURTHER ORDERED That the order and the annexed rules after first being recorded in the order register of the Washington Utilities and Transportation Commission, shall be forwarded to the Code Reviser for filing pursuant to chapter 34.04 RCW and chapter 1-12 WAC.

DATED at Olympia, Washington, this 9th day of September, 1981.

Washington Utilities and Transportation Commission

Robert W. Bratton, Chairman

Robert C. Bailey, Commissioner

A. J. Benedetti, Commissioner

APPENDIX A

AMENDATORY SECTION (Amending Order R-149, Cause No. TV-1365, filed 8/7/80)

WAC 480-12-195 HAZARDOUS MATERIALS REGULATIONS. (1) The rules and regulations governing hazardous materials prescribed by the United States department of transportation in Title 49, Code of Federal Regulations, parts 170-189, as well as and including all appendices and amendments thereto, in effect on ~~((the effective date of this rule))~~ July 29, 1981, are adopted and prescribed by the commission to define hazardous materials for motor vehicle transportation purposes, and to state the precautions that must be observed in storage, packaging, loading, and unloading such materials, and in maintaining, placarding, ~~((marketing/markings))~~ marking, and certifying motor vehicles and equipment used in transporting such materials, and in the maintenance of shipping papers prepared in conjunction with transporting such materials. The rules and regulations adopted and prescribed by this rule shall be observed by all common, contract, and registered carriers operating in this state.

(2) In addition to the shipping paper requirements identified in subsection (1) of this section, when a description of a hazardous material is required to be included on a bill of lading, manifest, receipt or other shipping document, and such document involves common or contract carriage in intrastate commerce, the driver's copy of such document shall be red in color or shall have a red border, said border to be no less than 1/8 inch wide.

(3) In addition to any accident reporting requirement now or hereafter prescribed by the commission, every common, contract, and registered carrier operating in this state who reports to the United States department of transportation any incidents occurring in this state involving hazardous materials, shall send a copy of any such report to the commission.

WSR 81-19-034
ADOPTED RULES
UTILITIES AND TRANSPORTATION
COMMISSION

[Order R-176, Cause No. TG-1527—Filed September 10, 1981]

In the matter of amending WAC 480-70-400, relating to transportation of hazardous materials by garbage and/or refuse collection companies operating under chapter 81.77 RCW.

This action is taken pursuant to Notice No. WSR 81-16-041 filed with the Code Reviser on July 30, 1981. The rule changes hereinafter adopted shall take effect pursuant to RCW 34.04.040(2).

This rule-making proceeding is brought on pursuant to RCW 80.01.040 and 81.77.030 and is intended administratively to implement these statutes.

This rule-making proceeding is in compliance with the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW), the State Register Act (chapter 34.08 RCW), and the State Environmental Policy Act of 1971 (chapter 43.21C RCW).

Pursuant to Notice No. WSR 81-16-041 the above matter was scheduled for consideration at 8:00 a.m., Wednesday, September 9, 1981, in the Commission's Conference Room, Seventh Floor, Highways-Licenses Building, Olympia, Washington, before Chairman Robert W. Bratton and Commissioners Robert C. Bailey and A. J. Benedetti.

Under the terms of said notice, interested persons were afforded the opportunity to submit data, views, or arguments to the commission in writing prior to September 4, 1981. Under the terms of said notice, interested persons were afforded the opportunity to submit data, views, or arguments orally at 8:00 a.m., Wednesday, September 9, 1981, in the Commission's Conference Room, Seventh Floor, Highways-Licenses Building, Olympia, Washington.

At the September 9, 1981, meeting the commission considered the rules as proposed. No written comments were received. No oral comments opposing the rule were received.

The amendment of WAC 480-70-400 affects no economic values.

In reviewing the entire record herein, it has been determined that WAC 480-70-400 should be amended to read as set forth in Appendix A shown below and by this reference made a part hereof. WAC 480-70-400 will update current hazardous materials regulations to be consistent with recent changes in federal rules in this area.

ORDER

WHEREFORE, IT IS ORDERED That WAC 480-70-400 as set forth in Appendix A, be amended as rules of the Washington Utilities and Transportation Commission to take effect pursuant to RCW 34.04.040(2).

IT IS FURTHER ORDERED That the order and the annexed rules after first being recorded in the order register of the Washington Utilities and Transportation Commission, shall be forwarded to the Code Reviser for

filing pursuant to chapter 34.04 RCW and chapter 1-12 WAC.

DATED at Olympia, Washington, this 9th day of September, 1981.

Washington Utilities and Transportation Commission

Robert W. Bratton, Chairman

Robert C. Bailey, Commissioner

A. J. Benedetti, Commissioner

APPENDIX A

AMENDATORY SECTION (Amending Order R-145, Cause No. TG-1357, filed 8/7/80)

WAC 480-70-400 EQUIPMENT—SAFETY. (1) All motor vehicles operated under authority of chapter 81.77 RCW, as amended, shall be maintained in a safe and sanitary condition. They shall at all times be subject to inspection by the commission and its duly authorized representatives, inspection stations, or the state patrol, who shall have power to order out of service any vehicle which in their judgment is unsafe or not being operated in compliance with the state laws in regard to equipment or method.

(2) Failure of any certificate holder to obey and comply with all motor vehicle safety laws of the state of Washington shall be grounds for cancellation of certificate.

(3) In addition to other laws and regulations of this state, all motor vehicles operating under chapter 81.77 RCW shall comply with the following:

(a) The rules and regulations governing motor carrier safety prescribed by the United States department of transportation in Title 49, Code of Federal Regulations, part 392, excluding section 392.2 and paragraph (c) of section 392.1; part 393, excluding paragraph (b) of section 393.1, and sections 393.16, 393.17, 393.76, 393.100, 393.102, 393.104, 393.106; part 396, excluding paragraph (b) of section 396.1; part 397, excluding section 397.21 and paragraph (c) of section 397.1; as well as and including all appendices and amendments thereto in effect on the effective date of this rule, are adopted and prescribed by the commission to be observed by all garbage and/or refuse collection companies operating under chapter 81.77 RCW.

(b) The rules and regulations governing hazardous materials prescribed by the United States department of transportation in Title 49, Code of Federal Regulations, parts 170-189, as well as and including all appendices and amendments thereto, in effect on ~~((the effective date of this rule))~~ July 29, 1981, are adopted and prescribed by the commission to define hazardous materials for motor vehicle transportation purposes, and to state the precautions that must be observed in storage, packaging, loading, and unloading such materials, and in maintaining, placarding, marking, and certifying motor vehicles and equipment used in transporting such materials, and in the maintenance of shipping papers prepared in conjunction with transporting such materials. The rules and regulations adopted and prescribed by this rule shall be observed by all garbage and/or refuse collection companies operating under chapter 81.77 RCW.

(c) In addition to any accident reporting requirement now or hereafter prescribed by the commission, every garbage and/or refuse collection company operating under chapter 81.77 RCW who reports to the United States department of transportation any incidents occurring in this state involving hazardous materials, shall send a copy of any such report to the commission.

(d) Qualifications of drivers. Adoption of United States department of transportation motor carrier safety regulations. The rules and regulations governing qualifications of drivers prescribed by the United States department of transportation in Title 49, Code of Federal Regulations, part 391, excluding paragraphs (a) and (b) of section 391.2, section 391.69, subparagraph (2) of paragraph 391.71(a), and subparagraph (4) of paragraph 391.71(b); as well as and including all appendices and amendments thereto, in effect on the effective date of this rule, are adopted and prescribed by the commission to be observed by all garbage and/or refuse collection companies operating under chapter 81.77 RCW except:

(i) The minimum age requirement for drivers prescribed in subparagraph (1) of paragraph 391.11(b) shall be eighteen years of age.

(ii) With respect to the limited exemption prescribed in section 391.61, the time period identified therein shall be the period of time prior to the effective date of this rule.

(iii) With respect to the limited exemptions prescribed in sections 391.65 and 391.71, the time periods identified in these sections shall have as a starting date the effective date of this rule.

(e) Whenever the designations "director, bureau of motor carrier safety," "director, regional motor carrier safety office," "regional highway administrator", and "federal highway administration" are used in the respective parts of Title 49, Code of Federal Regulations, as described in subsection (3) of this section, such designations for the purpose of this rule shall mean the "Washington utilities and transportation commission."

WSR 81-19-035
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-126—Filed September 10, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use angling.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is the Snohomish and Stillaguamish special bag limits are repealed to protect pink salmon. The Skagit River closure is necessary to protect coho, chinook and pink salmon.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 10, 1981.

By W. R. Wilkerson
 for Rolland A. Schmitten
 Director

NEW SECTION

WAC 220-57-42500C SKAGIT RIVER Notwithstanding the provisions of WAC 220-57-425, effective 12:01 A.M. September 11, 1981 through November 30, 1981, it is unlawful to take, fish for or possess salmon for personal use in the Skagit River.

REPEALER

The following sections of the Washington Administrative Code are repealed:

WAC 220-57-45000A SNOHOMISH RIVER (81-60)

WAC 220-57-46500B STILLAGUAMISH RIVER (81-60)

WAC 220-57-42500B SKAGIT RIVER (81-60)

WAC 220-57-42500B SKAGIT RIVER (81-70)

WSR 81-19-036
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-127—Filed September 10, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order clarifies that recreational fishing is not lawful inside the Mount Saint Helens restricted zone.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 10, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-57-25500A GREEN RIVER (COWLITZ COUNTY) Notwithstanding the provisions of WAC 220-57-255, effective immediately until further notice it is unlawful to take, fish for or possess salmon for personal use in that portion of the Green River within the Blue or Red Zone surrounding Mount Saint Helens, as defined by WAC 118-03-030.

WAC 220-57-48000A TOUTLE RIVER Notwithstanding the provisions of WAC 220-57-255, effective immediately until further notice it is unlawful to take, fish for or possess salmon for personal use in that portion of the Toutle River within the Blue or Red Zone surrounding Mount Saint Helens, as defined by WAC 118-03-030.

WSR 81-19-037

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-128—Filed September 10, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is Areas 4B, 5, 6, 6A, 6C, 7 and 7A are restricted to protect Fraser River and some Puget Sound adult chinook salmon. Area 6D and the Dungeness River are closed to protect Dungeness River pink salmon and chinook salmon already present. Strait tributaries are closed to protect chinook salmon in those tributaries. Nooksack River is restricted to protect pink salmon remains. Area 7C and the Samish River are closed to protect escapement of Samish Hatchery fall chinook salmon. Area 8 and the Skagit River are closed to protect pink and coho salmon. Areas 6B and 9 are closed to protect Nisqually, Stillaguamish, and Snohomish pink and various coho salmon stocks. Area 10 is closed to protect South Puget Sound coho salmon stocks. Areas 13 and 13B are restricted to protect Nisqually pink and Deschutes chinook salmon. Area 10B

restrictions protect Lake Washington sockeye. Areas 10C, 10D and the Cedar River are closed to protect Lake Washington sockeye and fall chinook. Portions of Area 12C are closed to protect Hoodspout and Dewatto fall chinook. The Elwha River is closed to protect pink salmon. Area 8A and the Stillaguamish and Snohomish River are restricted to protect pink salmon.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 10, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-28-113 PUGET SOUND COMMERCIAL FISHERY RESTRICTIONS. Effective immediately until further notice, it is unlawful for treaty Indian fishermen to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:

Area 4B - Troll-caught chinook under 24 inches in length and troll-caught coho under 16 inches in length must be released. Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 5 - Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6 - Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6A - Gill nets restricted to 5-7/8-inch maximum mesh, and all other net gear must release chinook salmon over 28 inches when open.

Area 6B - Closed to all commercial net fishing.

Area 6C - Drift gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6D - Closed to all commercial fishing.

Areas 7 and 7A - Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 7C - Closed to all commercial fishing.

* Area 8 - Closed to all commercial fishing.

Area 8A - Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Area 9 - Closed to all commercial fishing.

Area 10 - Closed to all commercial fishing, except gill nets may fish from 5:00 a.m. Wednesday, September 9, 1981 to 9:00 a.m. Thursday, September 10, 1981, and purse

seines may fish from 5:00 a.m. Wednesday, September 9, 1981 to 9:00 p.m. Thursday, September 10, 1981.

Area 10A - Closed to all commercial fishing.

Area 10B - Gill nets restricted to 6-1/2-inch minimum mesh when open.

Area 10C and 10D - Closed to all commercial fishing.

Areas 12C - Closed to all commercial fishing within 1,000 feet of western shore between Hoodspout Marina Dock and Glen Ayr Trailer Park, and within 1/4 mile of a line connecting the outermost points of Dewatto Bay including Dewatto Bay.

Area 13 - Closed to all commercial fishing except that portion in Hale Passage between the Fox Island Bridge and a line projected from the old ferry dock southeast of Ketner's Point 24 degrees true to the mainland.

Area 13B - Closed to gill net gear. All other gear must immediately release pink salmon and female chinook salmon over 24 inches in length when open.

Puyallup River - Gill nets restricted to 6-inch maximum mesh size when open.

Nisqually River - Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Cedar River - Closed to all commercial fishing.

Duwamish/Green River - Closed to all commercial fishing.

Dungeness River - Closed to all commercial fishing.

Elwha River - Gill nets restricted to 7-1/2-inch minimum mesh size when open.

* Nooksack River - Gill nets restricted to 7-1/2-inch minimum mesh size below the Marietta Bridge, when open.

Stillaguamish River - Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Snohomish River - Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Samish River - Closed to all commercial fishing.

* Skagit River - Closed to all commercial fishing, including all tributaries.

Clallam River, Deep Creek, Hoko River, Lyre River, Pysht River, Sail River, Salt Creek, Sekiu River, East Twin River, West Twin River - Closed to all commercial fishing.

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-28-112 Puget Sound Commercial Fishery Restrictions (81-125)

WSR 81-19-038

PROPOSED RULES

DEPARTMENT OF REVENUE

[Filed September 11, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Department of Revenue intends to adopt, amend, or repeal rules concerning:

New	WAC 458-18-500	Deposit of moneys, assessments or taxes—Purpose.
New	WAC 458-18-510	Definitions.
New	WAC 458-18-520	Agreement.
New	WAC 458-18-530	Prohibition of deposit.
New	WAC 458-18-540	General provisions.
New	WAC 458-18-550	Expenditure of funds;

that such agency will at 10:00 a.m., Tuesday, October 27, 1981, in the Evergreen Plaza Building, Room 301, 711 South Capitol Way, Olympia, WA, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 10:00 a.m., Friday, October 30, 1981, in the Evergreen Plaza Building, Room 301, 711 South Capitol Way, Olympia, WA.

The authority under which these rules are proposed is RCW 84.08.070.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to October 27, 1981, and/or orally at 10:00 a.m., Tuesday, October 27, 1981, Evergreen Plaza Building, Room 301, 711 South Capitol Way, Olympia, WA.

Dated: September 11, 1981

By: Trevor W. Thompson
Assistant Director

STATEMENT OF PURPOSE

This statement of purpose, prepared in compliance with RCW 34.04.045, accompanies proposed rules to be promulgated by the Department of Revenue as follows:

Title: New sections WAC 458-18-500 Deposit of moneys, assessments or taxes—Purpose; 458-18-510 Definitions; 458-18-520 Agreement; 458-18-530 Prohibition of deposit; 458-18-540 General provisions and 458-18-550 Expenditure of funds.

Purpose: To establish guidelines to be used in all cases wherein a taxpayer desires to deposit any moneys, assessments or taxes which may become due or be levied in the future.

Statutory Authority: These rules are being promulgated by the Department of Revenue pursuant to its general supervisory powers and control over the administration of the assessment and tax laws of the state, RCW 84.08.010(2), and rule-making authority contained in RCW 84.08.070.

Summary and Reasons for the Rule: Certain taxpayers have expressed a desire to deposit taxes which will become due later with the treasurer or other legal depository as provided for in RCW 35.21.650 and 36.32.120. These rules provide the method that will be used for both making the deposit and then claiming a credit at a later date.

Person Responsible for Drafting, Implementation and Enforcement of the Rules: Trevor W. Thompson, Director, Property Tax, Evergreen Plaza Bldg., Room 301, 711 South Capitol Way, Olympia, Washington 98501, (206) 753-5503.

Proposer of the Rule: Department of Revenue, Olympia, Washington 98504.

Comments and recommendations: None.

Federal Law or Court Action Citation: No federal laws involved or action required by the courts.

NEW SECTION

WAC 458-18-500 DEPOSIT OF MONEYS, ASSESSMENTS OR TAXES - PURPOSE. RCW 35.21.650 and RCW 36.32.120 provide that any taxpayer may deposit with the treasurer or other legal depository any moneys, assessments or taxes that may become due or be levied in the future.

WAC 458-18-500 through WAC 458-18-550 are to establish guidelines to be used in all cases wherein a taxpayer desires to deposit any moneys, assessments or taxes.

These rules are adopted by the Department of Revenue pursuant to its general supervisory powers and control over the administration of the assessment and tax laws of the state (RCW 84.08.010(1) and rule making authority (RCW 84.08.070).

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

NEW SECTION

WAC 458-18-510 DEFINITIONS. For the purposes of WAC 458-18-500 through 550,

(1) "County Legislative Authority" shall mean the county commissioners, or in the case of a home rule charter county, the governmental authority empowered to so act.

(2) "City Treasurer" shall mean the duly appointed or elected treasurer of any city or town.

(3) "Taxpayer" shall mean any individual, corporation, association, partnership, trust, or estate whose property has been or will be assessed for property tax purposes according to Title 84 RCW.

(4) "Agreement" shall mean a written document wherein the taxpayer and county legislative authority or city treasurer have agreed to certain conditions concerning the deposit. The agreement shall be made in accordance with WAC 458-18-250.

(5) "District" shall mean any county, city, town, port district, school district, road district, water district, fire district, or other municipal corporation, now or hereafter existing, having the power or authorized by law to levy or have levied for it, burdens on property for the purposes of obtaining revenue for public purposes, but shall not include the state.

NEW SECTION

WAC 458-18-520 AGREEMENT. The agreement shall be binding on all parties thereto; Provided, that the agreement may be amended from time to time as deemed necessary with concurrence of all parties. The agreement shall contain:

- (1) the name and address of the taxpayer;
- (2) the name of the district or districts which (is)(are) a party to the agreement;
- (3) the total amount and the date of the deposit or deposits;
- (4) the funds and the amount of the deposit which is to be applied to each fund;
- (5) a schedule for repayment or credit against the future assessment or taxes which shall show:
 - (a) the year or date that each credit will be allowed, and

(b) the amount of the credit. The credit may be in specific amounts or by percentage, whichever the parties deem most beneficial.

NEW SECTION

WAC 458-18-530 PROHIBITION OF DEPOSIT. No taxpayer shall, nor shall any city treasurer or county legislative authority allow, deposit of any moneys, assessments, or taxes as a credit against any future assessments or taxes except as provided for in the agreement and WAC 458-18-500 through 550.

NEW SECTION

WAC 458-18-540 GENERAL PROVISIONS. The following shall apply to all deposits and agreements:

(1) There shall be no limit on the number of years in advance of the due date that assessments and taxes may be deposited for;

(2) The district shall establish an accounting system which will enable any party, at any time, to accurately determine the amount of deposits and future credit, to any and all funds;

(3) No interest shall be charged or paid by any party on any deposits which have been made or agreed to be made;

(4) Any deposit which is to be applied to any funds of districts other than county funds, shall be agreed to by the governing officers of said district which shall be a party to the agreement; and

(5) Any moneys deposited shall not have any effect whatsoever on the levy of any taxes on any property in accordance with the provisions of Chapter 84.52 RCW and Chapter 84.55 RCW.

NEW SECTION

WAC 458-18-550 EXPENDITURE OF FUNDS. The funds to which the deposits are applied may be expended in any manner or for any purpose for which the funds could be applied as if they were received in the manner and at the time that assessments and taxes are normally paid.

Any district which has received or anticipates to receive deposits to be applied to their funds may, in the budget process, show those deposits as revenue or anticipated revenue, and budget for the expenditure of those moneys.

WSR 81-19-039

EXECUTIVE ORDER OFFICE OF THE GOVERNOR [EO 81-06]

The Washington State Disaster Preparedness Plan, pursuant to RCW 38.52, is intended as a comprehensive framework for statewide disaster preparedness, emergency operations and recovery procedures. The plan details authority, functions and responsibilities in an attempt to establish a mutually cooperative plan of action between state, local, public and private nonprofit organizations.

NOW, THEREFORE, I, John Spellman, Governor of the state of Washington, direct each department, commission, office and agency of Washington State government to study the plan, prepare or update supporting plans, issue directives for instruction and be prepared to implement their supporting plans in discharging their emergency responsibilities.

I have directed the Washington State Department of Emergency Services, as statutorily charged, to be responsible for coordinating all response activities. The Director of the Department of Emergency Services is responsible for publishing and distributing this Plan and will issue changes as required.

IN WITNESS, WHERE-
OF, I have hereunto set my
hand and caused the seal of
the state of Washington to
be affixed at Olympia this
22nd day of January, A.,
D., nineteen hundred and
eighty-one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Ralph Munro

Secretary of State

WSR 81-19-040
EXECUTIVE ORDER
OFFICE OF THE GOVERNOR
[EO 81-07]

**AGREEMENT FOR DEVELOPMENT
OF REGIONAL LOW-LEVEL RADIOACTIVE
WASTE SOLUTIONS**

WHEREAS, this State responsibilities regarding management and disposal of low-level radioactive waste generated by non-Federal activities within it borders; and

WHEREAS, low-level radioactive waste can be most safely and efficiently managed and disposed of on a regional basis, through state initiative and leadership; and

WHEREAS, the development of regional solutions to low-level radioactive waste management and disposal problems has been recommended by the National Governors' Association, the National Conference of State Legislatures and by the State Planning Council, and encouraged by Congress; and

WHEREAS, the development and proposal of such solutions requires careful consideration of complex factors and thoughtful cooperative drafting of proposed legislation or interstate agreement or compact language and supporting documents; and

WHEREAS, the development and proposal of such solutions are within the powers conferred upon the Western Interstate Energy Board and by the Western Interstate Nuclear Compact but have not been undertaken by that Board to the extent provided for herein, and can more effectively be undertaken as provided for herein; and

WHEREAS, Acticle VII of the Western Interstate Nuclear Compact authorizes supplementary agreements for the undertaking of activities or projects within the power of said Board.

NOW, THEREFORE, I, John Spellman, Governor of the State of Washington agree as follows, with such other States as similarly agree:

1. This is a Supplementary Agreement entered into pursuant to Article VII of the Western Interstate Nuclear Compact.
2. There is hereby created the Western Regional Low-level Radioactive Waste Committee, as an instrumentality of each of the States made a party to or participant in this Agreement. The Committee shall consist of one member appointed by the Governor of each State party to or participant in this Agreement.
3. Each State which is a party to the Western Interstate Nuclear Compact may become a party to this Agreement, by the execution of the terms of this Agreement in writing by its Governor. Each State which is eligible to be but is not a party to the Western Interstate Nuclear Compact, and any other State whose participation is approved by all of the States then party to this Agreement, may become a participant in this Agreement by the execution of the terms of this Agreement in writing by its Governor. Parties and participants shall have equal voice and status in the work and recommendations of the Committee.
4. The purpose of the Committee is to develop and recommend to the Governors of the States party to or participant in this Agreement, proposals concerning regional solutions to problems relating to management and disposal of low-level radioactive waste, which may include the drafting of proposed legislation and interstate compact language. The recommendations of this Committee shall take into account and, to the extent deemed appropriate, conform to the recommendations of the National Governors' Association, the National Conference of State Legislatures, and the State Planning Council.
5. The Western Interstate Energy Board shall administer and assist in the operation of this Agreement.
6. The Committee, or the Western Interstate Energy Board on behalf of the Committee, may apply for and accept for its purpose and functions under this Agreement any and all donations and grants of money from any State or the United States or any subdivision or agency thereof, or interstate agency, or from any institution, person, firm, foundation or corporation; and may receive, utilize and dispose of the same. Out of any funds so obtained, the Committee, or the

Board on behalf of the Committee, may retain or employ assistance appropriate to the accomplishment of the purpose of the Committee. Except as they may be provided for out of funds so obtained, the costs of each States's participation in this Agreement shall be borne separately by that State.

- 7. Any State may withdraw from this Agreement at any time by order of its Governor; and this Agreement shall expire when all but one State party hereto or participant herein has withdrawn. This Agreement shall in any event expire three months after the date on which the Committee recommends its final proposals concerning regional solutions to problems relating to management and disposal of low-level radioactive waste. Upon the expiration of this Agreement, unless the Governors of all States party hereto or participant herein immediately prior to such expiration shall have agreed otherwise, any assets of the Committee shall vest in the Western Interstate Energy Board.

IN WITNESS WHERE-OF, I have hereunto set my hand and caused the seal of the state of Washington to be affixed at Olympia this 5th day of February, A.D., nineteen hundred and eighty one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Ralph Munro

Secretary of State

Reviser's Note: The spelling error in the above material appeared in the original copy of the executive order and appears herein pursuant to the requirements of RCW 34.08.040.

WSR 81-19-041
EXECUTIVE ORDER
OFFICE OF THE GOVERNOR
[EO 81-08]

MT. ST. HELENS ACCESS CONTROL

WHEREAS, there have been five executive orders establishing various access control zones around Mt. St. Helens since April 3, 1980, and such executive orders have been based on a continuing declaration of a state of emergency in Washington State due to the volcanic eruptions at Mt. St. Helens; and

WHEREAS, there is a need to assess current and projected hazards at and in the vicinity of Mt. St.

Helens and a need to assess, in light of said hazards, the desires of homeowners, businesses and industries to pursue normal activities within what is now designated the state Red Zone; and

WHEREAS, there is a need to coordinate access control zone administrative rules and boundaries with the United States Forest Service; and

WHEREAS, there is a need to take testimony, from individuals who own or control property in or around the state Red Zone and recreationists who desire access to land and water areas now within the boundaries of the state Red Zone, for the purpose of securing ideas and suggestions for modifying the boundaries of, and administrative rules which apply to, the state Red Zone; and

WHEREAS, there is a need to work with local, state, and other federal agencies and officials to secure their suggestions concerning the establishment and maintenance of a state access control zone or zones around Mt. St. Helens.

NOW THEREFORE, I, John Spellman, Governor of the state of Washington, based upon these findings, do hereby direct the Director of the Washington State Department of Emergency Services to assess, in consultation with the state geologist, the University of Washington, and the U.S. Geological Survey, the current and projected hazards associated with the Mt. St. Helens volcano, to seek the advice of citizens living in or near the state Red Zone, to secure the advice of local, state, and federal agencies and officials concerning the establishment and maintenance of a state control zone or zones and to deliver to me no later than February 27, 1981 a set of recommendations concerning the establishment and maintenance of a state control zone or zones around Mt. St. Helens and the appropriate procedures, rules, or policies necessary to administer said control zone or zones. I further direct all state agencies, commissions, departments and boards to cooperate fully with the Department of Emergency Services in completing the requirements of this executive order.

IN WITNESS WHERE-OF, I have hereunto set my hand and caused the seal of the state of Washington to be affixed at Olympia this 9th day of February, A.D. nineteen hundred and eighty one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Ralph Munro

Secretary of State

WSR 81-19-042
EXECUTIVE ORDER
OFFICE OF THE GOVERNOR
[EO 81-09]

**ESTABLISHMENT OF BOUNDARIES, ENTRY
AND
OCCUPANCY RULES, AND THE
ADMINISTRATION OF
RESTRICTED ZONES SURROUNDING MT. ST.
HELENS**

WHEREAS, the potential for major eruptions, earthquakes, and ashfall from Mt. St. Helens continues to exist throughout large portions of the state, threatening to cause more destruction of life, health, and property; and

WHEREAS, most of the land within the eastern portion of the present Mt. Helens restricted zones is administered by the U.S. Forest Service; and

WHEREAS, it is the intent of this order to have each jurisdiction's rules and procedures complement others' in order to maximize the public safety; and

WHEREAS, in the opinion of scientific experts, allowing the public to enter specific hazardous area surrounding Mt. St. Helens would unnecessarily imperil lives and property;

NOW, THEREFORE, I, John Spellman, Governor of the state of Washington, by virtue of the power vested in me under the provisions of Revised Code of Washington 43.06 and 38.52, do order that no person or persons shall enter and/or occupy at any time the areas described herein and designated herewith as the Red and Blue Zones, with the exception of:

- (1) U.S. Geological Survey personnel who are performing official duties related to scientific evaluation and hazard assessments that require their presence in the Blue or Red Zone;
- (2) U.S. Forest Service personnel in performance of their official duties that require entry into the Blue or Red Zone;
- (3) Search and rescue personnel registered or identified pursuant to RCW 38.52.010(5) on official search and rescue missions within the Blue or Red Zone. The sheriffs of Lewis, Cowlitz, and Skamania Counties or their designee(s) shall have the authority to approve entry and/or occupation by search and rescue personnel;
- (4) Federal, state, county or local law enforcement and fire fighting personnel whose jurisdiction is within the Blue or Red Zone and who are on official business within the Blue or Red Zone;
- (5) Federal, state, county or local administrative personnel on official business within the Blue or Red Zone: specifically,

- (a) The Washington State Director of Emergency Services (DES), or his designee(s), shall have the authority to approve entry and/or occupation by state, county, and local administrative personnel on official business; and
- (b) Federal administrative personnel other than U.S. Forest Service and the U.S. Geological Survey shall be required to obtain and possess permits;
- (6) As approved by the Director, DES, or his designee(s), individual(s) who own and/or control real property, or personal property being used as a residence, and whose official permanent residence is within the Blue or Red Zone;
- (7) As approved by the Director, DES, or his designee(s), individual(s) with a legitimate business reason for being within the Blue or Red Zone.

This Executive Order shall supersede all prior Executive Orders pertaining to Mt. St. Helens.

Pursuant to RCW 38.52.050(3)(f), I hereby delegate to the Washington State Director of Emergency Services or his designees the administrative authority vested in me by RCW 38.52.

Each individual given permission to enter and/or occupy the Blue or Red Zone shall obtain a special identification permit from the Washington State Department of Licensing prior to entry into that zone. This entry permit must be carried on his or her person at all times.

Prior to entry and/or occupation of the Blue or Red Zone, each individual shall be required to sign a "Waiver of Rights" form releasing and discharging the state of Washington and all its political subdivisions, and their officers or agents or employees, from all liability for any damages or losses incurred by the individual while within the Blue or Red Zone or as a result of entering or occupying that zone. The "Waiver or Rights" form shall be issued by the Washington State Department of Licensing.

All persons are advised of potential criminal penalties for violation of this Order, pursuant to RCW 43.06.220 and RCW 38.52.150.

RED ZONE

The "Red Zone" is described as follows:

From the southwest corner of section 6, township 10 north, range 5 east, go south southwest to the southwest corner of section 13, township 10 north, range 4 east; then southwest to the center of section 27, township 10 north, range 4 east; then west southwest along ridge to Elk Rock lookout; then southwest to the northeast corner of section 7, township 9 north, range 4 east; then south to the southwest corner of section 19, township 7 north, range 4 east; then east

to the northeast corner of section 25, township 7 north, range 4 east; then south along Cowlitz/Skamania county line to Weyerhauser road 8000, northwest corner of section 31, township 7 north, range 5 east; then easterly along Lewis River to south end of Swift Reservoir Dam; then easterly along south high water line of entire length of Swift Reservoir and north to the east end of N90 bridge; then west across Lewis River (N90) to U.S. Forest Service Boundary; follow U.S. Forest Service Boundary north then east to the southwest corner of section 18, township 7 north, range 7 east, (N836); then northerly along N836 to its intersection with N920; then easterly on N920 approximately 3/4 mile, to northwest one-quarter of section 8, township 7 north, range 7 east; then northeast to Spencer Butte, southeast corner of section 21, township 8 north, range 7 east; then north to southeast corner of section 33, township 9 north, range 7 east; then north northwest to southwest corner of section 28, township 9 north, range 7 east; then north northeast to the center of section 21, township 9 north, range 7 east; then north northwest to the southwest corner of section 8, township 9 north, range 7 east; then north to southwest corner of section 5, township 9 north, range 7 east; then northwest to Strawberry Mountain lookout, section 22, township 10 north, range 6 east; then northwest to east rim of Goat Mountain, section 8, township 10 north, range 6 east; then west and north along Goat Mountain Ridge Trail to southwest one-quarter of section 1, township 10 north, range 5 east; then west to Minnie Lee Mine; the northwest to the center of section 3, township 10 north, range 5 east; then southwest to the southwest corner of section 3, township 10 north, range 5 east; then west to the southwest corner of section 6, township 10 north, range 5 east (starting point).

BLUE ZONE

The "Blue Zone" is described as follows:

From the intersection of township 11 north, range 2 east (southwest corner of section 31) just north of Kid Valley, Cowlitz county go east to the northwest corner of section 5, township 10 north, range 2 east; then south along section line to southwest corner of section 8, township 10 north, range 2 east; then west to west boundary of range 2 east; then south along west boundary of range 2 east to township 7 north, range 2 east, Kalama River road (Weyerhauser 6000 Line); follow road east southeast to Arnold Creek Junction; then southeast along Arnold Creek to south end of section 32, township 7 north, range 2 east; then east along south

boundary of township 7 north to the south one-fourth corner of section 33, township 7 north, range 4 east; then north to the north one-fourth corner of section 33; then east to the southeast section corner of section 28, township 7 north, range 4 east; then north to the west one-fourth corner of section 27; then east to the east one-fourth corner of section 27; then north to the north one-sixteenth corner on the east section line of section 27; then east to the Skamania/Cowlitz county line; then south along Skamania/Cowlitz county line to the thread of the Lewis River at the east end of Yale Dam Reservoir; then north and westerly to the high water line of Yale Reservoir; then west southwest along the south right of way of Lewis River road to Cougar Creek; then south across Yale Reservoir to south shore of Yale Reservoir; then northeast along south shore high water line of Yale Reservoir to end of reservoir; then easterly along Lewis River to south end of Swift Reservoir Dam; then easterly along south high water line of Swift Reservoir to the center of section 35, township 7 north, range 6 east; then northeast to N90, southwest corner of section 25, township 7 north, range 6 east; then easterly northeast along the south side of road N90 to its intersection with Forest Service road N836; then north across N90; then northeast, north along the north side of N90 to N863; then easterly along the north side of road N90 to Quartz Creek (section 18, township 8 north, range 8 east); then northeasterly (upstream) along Quartz Creek to its confluence with Straight Creek (section 8, township 8 north, range 8 east); then northerly (upstream) along Straight Creek to Minor Tributary's confluence (northwest 1/4, section 20, township 9 north, range 8 east); then northwesterly (upstream) along the Tributary to Forest Service Trail 3; then northerly along trail 3 to boundary trail 1; then westerly along boundary trail to the southwest corner section 33, township 10 north, range 7 east; then north along the section line to Forest Service road 119; then westerly along road 119 to Forest Service road 125 intersection; then southerly along road 125 to its intersection with Forest Service road 115; then along road 115 to the northeast corner section 23, township 11 north, range 6 east; then westerly to the northwest corner section 19, township 11 north, range 5 east, Wakeawasis Creek area; then north to northeast corner of section 13, township 11 north, range 4 east; then west to the northwest corner of section 18, township 11 north, range 3 east; then south to the northwest corner of section 19, township 11 north,

range 3 east; then west to the northwest corner of section 19, township 11 north, range 2 east; then south to the intersection of township 11 north, range 2 east, just north of Kid Valley (starting point).

IN WITNESS WHERE-
OF, I have hereunto set my hand and caused the seal of the state of Washington to be affixed at Olympia this 16th day of April, A.D., nineteen hundred and eighty-one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Ralph Munro

Secretary of State

Reviser's Note: The typographical errors in the above material appeared in the original copy of the executive order and appears herein pursuant to the requirements of RCW 34.08.040.

WSR 81-19-043
EXECUTIVE ORDER
OFFICE OF THE GOVERNOR
[EO 81-10]

**ESTABLISHMENT OF A MT. ST. HELENS
COORDINATING COUNCIL**

WHEREAS, there is a continuing need to coordinate the Mt. St. Helens planning, response, and recovery efforts of state agencies with local and Federal government agencies and the private sector; and

WHEREAS, there is a need to resolve ongoing problems concerning public health, law enforcement, warning, emergency response, agriculture, livestock, soil stabilization, fish and wildlife, tourism, recreation, fire prevention and suppression, reforestation, logging, unemployment, closure zones, land use, flood control, insurance, and other issues as identified;

NOW, THEREFORE, I, John Spellman, Governor of the state of Washington, do hereby establish the Mt. St. Helens Coordinating Council, which shall address necessary long-term and short-term response, relief, recovery, and reconstruction efforts. The Council shall consist of the Emergency Preparedness and Response Committee and the Long-Range Planning Committee.

The Chair of the Long-Range Planning Committee shall be the Commissioner of Public Lands. The Chair of the Emergency Preparedness and Response Committee shall

be the Director of the Department of Emergency Services.

The Committees shall consist of the Executive Heads of the Department of Agriculture, Department of Commerce and Economic Development, Department of Ecology, Department of Emergency Services, Office of Financial Management, Department of Fisheries, Department of Game, Department of Labor and Industries, Military Department, Department of Natural Resources, Parks and Recreation Commission, Planning and Community Affairs Agency, Department of Social and Health Services, Washington State Patrol, Department of Transportation, a representative of the Office of the Governor, and such willing representatives of local, private, and Federal agencies as the Chairs of the Committees may deem necessary.

The Emergency Preparedness and Response Committee is authorized to request all state agencies to provide staff support and other necessary assistance in the enforcement of emergency measures relative to this executive order.

The Chairs of the Coordinating Council Emergency Preparedness and Response and Long-Range Planning Committees shall report to the Governor.

The Committees, through the Chairs, may make recommendations to the Governor, including memoranda of agreement with Federal, local, and private agencies, in order to promote coordination, cooperation, and exchange of information.

All previously existing formal and ad hoc groups which have heretofore been constituted under the auspices of state agencies in order to deal with problems relating to Mt. St. Helens are hereby consolidated, as appropriate, within either of the Mt. St. Helens Coordinating Council's Committees.

IN WITNESS WHERE-
OF, I have hereunto set my hand and caused the seal of the state of Washington to be affixed at Olympia this 16th day of April, A.D., nineteen hundred and eighty-one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Ralph Munro

Secretary of State

WSR 81-19-044
EXECUTIVE ORDER
OFFICE OF THE GOVERNOR
 [EO 81-11]

AMENDING EO 81-09

**ESTABLISHMENT OF BOUNDARIES, ENTRY,
 AND OCCUPANCY RULES, AND THE
 ADMINISTRATION OF RESTRICTED ZONES
 SURROUNDING MT. ST. HELENS**

WHEREAS, the potential for major eruptions, earthquakes, and ashfall from Mt. St. Helens continues to exist throughout large portions of the state, threatening to cause more destruction of life, health, and property; and

WHEREAS, most of the land within the eastern portion of the present Mt. Helens restricted zones is administered by the U.S. Forest Service; and

WHEREAS, it is the intent of this order to have each jurisdiction's rules and procedures complement others' in order to maximize the public safety; and

WHEREAS, in the opinion of scientific experts, allowing the public to enter specific hazardous areas surrounding Mt. St. Helens would unnecessarily imperil lives and property;

NOW, THEREFORE, I, John Spellman, Governor of the state of Washington, by virtue of the power vested in me under the provisions of Revised Code of Washington 43.06 and 38.52, do order that no person or persons shall enter and/or occupy at any time the areas described herein and designated herewith as the Red and Blue Zones, with the exception of:

- (1) U.S. Geological Survey personnel who are performing official duties related to scientific evaluation and hazard assessments that require their presence in the Blue or Red Zone;
- (2) U.S. Forest Service personnel in performance of their official duties that require entry into the Blue or Red Zone;
- (3) Search and rescue personnel registered or identified pursuant to RCW 38.52.010(5) on official search and rescue missions within the Blue or Red Zone. The sheriffs of Lewis, Cowlitz, and Skamania Counties or their designees shall have the authority to approve entry and/or occupation by search and rescue personnel;
- (4) Federal, state, county or local law enforcement and fire fighting personnel whose jurisdiction is within the Blue or Red Zone and who are on official business within the Blue or Red Zone;
- (5) Federal, state, county or local administrative personnel on official business within the Blue or Red zone: specifically,

- (a) The Washington State Director of Emergency Services (DES), or his designee(s), shall have the authority to approve entry and/or occupation by state, county, and local administrative personnel on official business; and
- (b) Federal administrative personnel other than U.S. Forest Service and the U.S. Geological Survey shall be required to obtain and possess permits;
- (6) As approved by the Director, DES, or his designee(s), individual(s) who own and/or control real property, or personal property being used as a residence, and whose official permanent residence is within the Blue or Red Zone;
- (7) As approved by the Director, DES, or his designee(s), individual(s) with a legitimate business reason for being within the Blue or Red Zone.

Pursuant to RCW 38.52.050(3)(f), I hereby delegate to the Washington State Director of Emergency Services or his designees the administrative authority vested in me by RCW 38.52.

Each individual given permission to enter and/or occupy the Blue or Red Zone shall obtain a special identification permit from the Washington State Department of Licensing prior to entry into that zone. This entry permit must be carried on his or her person at all times.

Prior to entry and/or occupation of the Blue or Red Zone, each individual shall be required to sign a "Waiver of Rights" form releasing and discharging the state of Washington and all its political subdivisions, and their officers or agents or employees, from all liability for any damages or losses incurred by the individual while within the Blue or Red Zone or as a result of entering or occupying that zone. The "Waiver of Rights" form shall be issued by the Washington State Department of Licensing.

All persons are advised of potential criminal penalties for violation of this Order, pursuant to RCW 43.06.220 and RCW 38.52.150.

RED ZONE

The "Red Zone" is described as follows:

From the southwest corner of section 6, township 10 north, range 5 east, go south southwest to the southwest corner of section 13, township 10 north, range 4 east; then southwest to the center of section 27, township 10 north, range 4 east; then west southwest along ridge to Elk Rock lookout; then southwest to the northwest corner of section 7, township 9 north, range 4 east; then south to the southwest corner of section 19, township 7 north, range 4 east; then east to the northeast corner of section 25, township 7 north, range 4 east; then south along

Cowlitz/Skamania county line to Weyerhauser road 8000, northwest corner of section 31, township 7 north, range 5 east; then easterly along Lewis River to south end of Swift Reservoir Dam; then easterly along south high water line of entire length of Swift Reservoir and north to the east end of N90 bridge; then west across Lewis River (N90) to U.S. Forest Service Boundary; follow U.S. Forest Service Boundary north then east to the southwest corner of section 18, township 7 north, range 7 east, (N836); then northerly along N836 to its intersection with N920; then easterly on N920 approximately 3/4 mile, to northwest one-quarter of section 8, township 7 north, range 7 east; then northeast to Spencer Butte, southeast corner of section 21, township 8 north, range 7 east; then north to southeast corner of section 33, township 9 north, range 7 east; then north northwest to southwest corner of section 28, township 9 north, range 7 east; then north northeast to the center of section 21, township 9 north, range 7 east; then north northwest to the southwest corner of section 8, township 9 north, range 7 east; then north to southwest corner of section 5, township 9 north, range 7 east; then northwest to Strawberry Mountain lookout, section 22, township 10 north, range 6 east; then northwest to east rim of Goat Mountain, section 8, township 10 north, range 6 east; then west and north along Goat Mountain Ridge Trail to southwest one-quarter of section 1, township 10 north, range 5 east; then west to Minnie Lee Mine; then northwest to the center of section 3, township 10 north, range 5 east; then southwest to the southwest corner of section 3, township 10 north, range 5 east; then west to the southwest corner of section 6, township 10 north, range 5 east (starting point).

BLUE ZONE

The "Blue Zone" is described as follows:

From the intersection of township 11 north, range 2 east (southwest corner of section 31) just north of Kid Valley, Cowlitz county go east to the northwest corner of section 5, township 10 north, range 2 east; then south along section line to southwest corner of section 8, township 10 north, range 2 east; then west to west boundary of range 2 east; then south along west boundary of range 2 east to township 7 north, range 2 east, Kalama River road (Weyerhauser 6000 Line); follow road east southeast to Arnold Creek Junction; then southeast along Arnold Creek to south end of section 32, township 7 north, range 2 east; then east along south boundary of township 7 north to the south

one-fourth corner of section 33, township 7 north, range 4 east; then north to the north one-fourth corner of section 33; then east to the southeast section corner of section 28, township 7 north, range 4 east; then north to the west one-fourth corner of section 27; then east to the east one-fourth corner of section 27; then north to the northeast corner on the east section line of section 27; then east to the Skamania/Cowlitz county line; then south along Skamania/Cowlitz county line to the high water line of the north shore of the Lewis River; thence northwesterly along said high water line to the high water line of Yale Reservoir; thence westerly along said high water line to Cougar Creek; thence south to the southerly high water line of Yale Reservoir; thence northeasterly along said high water line to the south high water line of the Lewis River; thence easterly along the high water line of the Lewis River to Swift Reservoir Dam; then easterly along south high water line of Swift Reservoir to the center of section 35, township 7 north, range 6 east; then northeast to N90, southwest corner of section 25, township 7 north, range 6 east; then easterly northeast along the south side of road N90 to its intersection with Forest Service road N836; then north across N90; then northeast, north along the north side of N90 to N863; then easterly along the north side of road N90 to Quartz Creek (section 18, township 8 north, range 8 east); then northeasterly (upstream) along Quartz Creek to its confluence with Straight Creek (section 8, township 8 north, range 8 east); then northerly (upstream) along Straight Creek to Minor Tributary's confluence (northwest 1/4, section 20, township 9 north, range 8 east); then northwesterly (upstream) along the Tributary to Forest Service Trail 3; then northerly along trail 3 to boundary trail 1; then westerly along boundary trail to the southwest corner section 33, township 10 north, range 7 east; then north along the section line to Forest Service road 119; then westerly along road 119 to Forest Service road 125 intersection; then southerly along road 125 to its intersection with Forest Service road 115; then along road 115 to the northeast corner section 23, township 11 north, range 6 east; then westerly to the northwest corner section 19, township 11 north, range 5 east, Wakeawasis Creek area; then north to northeast corner of section 13, township 11 north, range 4 east; then west to the northwest corner of section 18, township 11 north, range 3 east; then south to the northwest corner of section 19, township 11 north, range 3 east; then west to the northwest corner of section 19, township 11

north, range 2 east; then south to the intersection of township 11 north, range 2 east, just north of Kid Valley (starting point).

This Executive Order shall supersede all prior Executive Orders pertaining to Mt. St. Helens.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the state of Washington to be affixed at Olympia this 4th day of May, A.D., nineteen hundred and eighty-one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Ralph Munro

Secretary of State

Reviser's Note: The typographical error in the above material appeared in the original copy of the executive order and appears herein pursuant to the requirements of RCW 34.08.040.

WSR 81-19-045
EXECUTIVE ORDER
OFFICE OF THE GOVERNOR
[EO 81-12]

JUVENILE JUSTICE AND DEVELOPMENT
PREVENTION PROGRAMS

WHEREAS, the state of Washington currently participates in programs authorized and funded under the Federal Juvenile Justice and Delinquency Prevention Act; and

WHEREAS, the 1980 amendments to the Juvenile Justice and Delinquency Prevention Act (Public Law 96-509) Part D, Section 261(c)(1) allow the Governor to approve any appropriate state agency as the sole agency responsible for supervising the preparation and administration of the state plan submitted under Section 223 of Public Law 93-415, the Juvenile Justice and Delinquency Prevention Act; and

WHEREAS, the responsibility currently resides with the Division of Criminal Justice, Office of Financial Management.

NOW, THEREFORE, I, John Spellman, Governor of the state of Washington, based upon these findings, do hereby resolve that the functions, duties, and responsibilities associated with the administration of the Juvenile Justice and Delinquency Prevention Act (Public Law 96-509) are hereby transferred from the Office of Financial Management to the Department of Social and Health Services as of June 1, 1981.

IN WITNESS WHEREOF, I have hereunto set my

hand and caused the seal of the state of Washington to be affixed at Olympia this 13th day of May, A.D., nineteen hundred and eighty one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Ralph Munro

Secretary of State

WSR 81-19-046
EXECUTIVE ORDER
OFFICE OF THE GOVERNOR
[EO 81-13]

AMENDING EO 81-10
ESTABLISHMENT OF A MT. ST. HELENS
COORDINATING COUNCIL

WHEREAS, there is a continuing need to coordinate the Mt. St. Helens planning, response, and recovery efforts of state agencies with local and Federal government agencies and the private sector; and

WHEREAS, there is a need to resolve ongoing problems concerning public health, law enforcement, warning, emergency response, agriculture, livestock, soil stabilization, fish and wildlife, tourism, recreation, fire prevention and suppression, reforestation, logging, unemployment, closure zones, land use, flood control, insurance, and other issues as identified;

NOW, THEREFORE, I, John Spellman, Governor of the state of Washington, do hereby establish the Mt. St. Helens Coordinating Council which shall address necessary long-term and short-term response, relief, recovery and reconstruction efforts. The Council shall consist of the Emergency Preparedness and Response Committee and the Long-Range Planning Committee.

The Chair of the Long-Range Planning Committee shall be the Commissioner of Public Lands. The Chair of the Emergency Preparedness and Response Committee shall be the Director of the Department of Emergency Services.

The Committees shall consist of the Executive Heads of the Department of Agriculture, Department of Commerce and Economic Development, Department of Ecology, Department of Emergency Services, Office of Financial Management, Department of Fisheries, Department of Game, Department of Labor and Industries, Department of Licensing, Military Department, Department of Natural Resources, Parks and Recreation Commission, Planning and Community Affairs Agency, Department of Social and Health Services, Washington State Patrol, Department of Transportation, a representative of the Office of the Governor, other state agencies

as needed, and such willing representatives of local, private, and Federal agencies as the Chairs of the Committees may deem necessary.

The Emergency Preparedness and Response Committee is authorized to request all state agencies to provide staff support and other necessary assistance in the enforcement of emergency measures relative to this executive order.

The Chairs of the Coordinating Council Emergency Preparedness and Response and Long-Range Planning Committees shall report to the Governor.

The Committees, through the Chairs, may make recommendations to the Governor, including memoranda of agreement with Federal, local, and private agencies, in order to promote coordination, cooperation, and exchange of information.

All previously existing formal and ad hoc groups which have heretofore been constituted under the auspices of state agencies in order to deal with problems relating to Mt. St. Helens are hereby consolidated, as appropriate, within either of the Mt. St. Helens Coordinating Council's Committees.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the state of Washington to be affixed at Olympia this 21st day of May, A.D., nineteen hundred and eighty-one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Laura E. Eckert

Assistant Secretary of State

WSR 81-19-047
EXECUTIVE ORDER
OFFICE OF THE GOVERNOR
[EO 81-14]

OFFICE SYSTEMS AND EQUIPMENT ACQUISITIONS

WHEREAS, diminishing state and Federal revenues have underscored the need to adopt office practices and approaches that maximize state government productivity; and

WHEREAS, there exists a continuing need to utilize effectively existing printing, duplicating, micrographic, copying, word-processing and related resources; and

WHEREAS, office system technology and equipment are often interdependent; and

WHEREAS, constantly changing technology and the vast array of equipment on the market can lead to difficulty when modifying systems and obtaining equipment; and

WHEREAS, equipment analysts of the Printing and Duplicating Management Center will be combined with the State Purchasing Division effective July 1, 1981; and

WHEREAS, the efficiency and effectiveness of offices of the state of Washington are influenced by office systems and equipment.

NOW, THEREFORE, I, John Spellman, Governor of the state of Washington, in view of the above concerns do hereby:

- (1) Establish an Office Systems Committee composed of the Director of the Office of Financial Management, the Director of the Department of General Administration and the Public Printer, or their respective designees. The Committee shall:
 - (a) Coordinate the administrative duties of its members pursuant to RCW 43.19-.190-200, RCW 43.88 and RCW 43-.78 to effect efficient and economic purchases of printing, duplicating, micrographic, copier, word-processing and related equipment regardless of usage or source of funds.
 - (b) Establish coordinated procedures for the review and approval of the purchase of such equipment.
 - (c) Resolve related disputes.
- (2) Direct all state agencies to follow the procedures established by the Committee.
- (3) Direct all state agencies to use the resources and expertise of the State Purchasing Division for the following purposes:
 - (a) guidance and assistance in the development of office systems in the areas of printing, duplicating, micrographics, word-processing, and copying;
 - (b) assistance with the selection of equipment;
 - (c) acquisition of equipment.

This Executive Order shall become effective on July 12th, 1981.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the state of Washington to be affixed at Olympia this 12th day of July, A.D., nineteen hundred and eighty one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Ralph Munro

Secretary of State

WSR 81-19-048
EXECUTIVE ORDER
OFFICE OF THE GOVERNOR
[EO 81-15]

ESTABLISHMENT OF AN INTERAGENCY
CRIMINAL JUSTICE WORK GROUP

WHEREAS, the prison system in the state of Washington is experiencing severe overcrowding; and

WHEREAS, in order for the correctional system to plan adequately for current and future facilities, it is necessary to project and forecast prison populations; and

WHEREAS, the area of criminal justice needs the immediate attention of state government; and

WHEREAS, no single state agency can address the totality of criminal justice issues facing the state;

NOW, THEREFORE, I, John Spellman, Governor of the state of Washington, hereby resolve that an interagency criminal justice work group be established to:

- (1) provide a coordinated interagency system for prison population forecasting and projection;
- (2) bring numerous state agency resources to bear on the management of criminal justice issues;
- (3) Review and make recommendations on operational strategies and approaches to address problems facing the system;
- (4) Provide for the sharing of information on which operational decisions can be made; and
- (5) Complement the work of the Sentencing Guidelines Commission.

The Interagency Criminal Justice Work Shop consists of the following individuals:

Amos Reed, Secretary, Department of Corrections (Chairman)

Joe Taller, Director, Office of Financial Management

Alan Gibbs, Secretary, Department of social and Health Services

William Henry, Chairman, Board of Prison Terms and Paroles

Charles Robinson, Chairman, Jail Commission

A Representative from the Judicial System

A Representative from the Washington Association of Prosecuting Attorneys

The Work Group may also request support from other individuals or groups as it deems appropriate.

The Office of Financial Management will serve as lead for the projection/forecasting task, including the development of recommendations concerning data system improvements.

IN WITNESS WHERE-OF, I have hereunto set my hand and caused the seal of the state of Washington to be affixed at Olympia this 14th day of August, A.D., Nineteen hundred and eighty-one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Laura E. Eckert

Assistant Secretary of State

WSR 81-19-049
EXECUTIVE ORDER
OFFICE OF THE GOVERNOR
[EO 81-16]

WHEREAS, overall state revenue collections have been less than previously estimated; and

WHEREAS, serious limitations to Washington State's cash flow are becoming increasingly evident; and

WHEREAS, the health of the economy demands limitation of public expenditures; and

WHEREAS, the state must operate with a balanced budget, with expenditures not exceeding revenues for the biennium; and

WHEREAS, the state must have sufficient cash to honor its day-to-day obligations; and

WHEREAS, direct and immediate action is required to restrict state expenditures;

NOW, THEREFORE, I, John Spellman, Governor of the state of Washington, by virtue of the power vested in me, do hereby establish an expenditure reduction program. This program applies to all agencies regardless of their sources of funding. This program will take effect immediately this 17th day of August, 1981, and will extend indefinitely. The following administrative measures are hereby established to effect this expenditure reduction program:

- 1. Staffing Freeze - Agency directors are instructed to fill no new positions or positions

vacated during the period of effectiveness of this Order.

2. Consulting Services – No further personal service contracts as defined by RCW 39.29-.010 shall be obligated without the explicit prior approval of the agency director. Such review and approval shall place primary emphasis on ensuring that such personal services are consistent with the needs of the benefited program and with legislative intent. Agencies are directed to use available expertise in state government before considering use of outside consultants. In no case shall the use of personal services contracts be used to circumvent the staffing directive of this Order. Agencies shall also review existing personal service contracts in light of this directive to determine if the 30-day cancellation clause in the contract can be exercised.
3. Overtime – Agency directors are instructed to reduce wherever possible the use of overtime and other premium pay and to avoid the use of these compensations as a means of circumventing the staffing directive of this Order.
4. Procurement of Equipment, Supplies and Materials – The purchase of all equipment that is not critically necessary to the conduct of state programs shall be postponed for and indefinite period of time. The Purchasing Division of the Department of General Administration is directed to monitor all purchasing actions for the remainder of the biennium. No stockpiling of materials or supplies above normal levels or abnormal increases in equipment purchases beyond what is essential for normal operations is to be approved.
5. Travel – All travel by state employees is hereby limited to that which is critically necessary to carry out state programs. All travel must receive the prior approval of agency directors. Public transportation, car pooling and telephone conferences should be used when practical. Emphasis on travel reduction will be placed on both in- and out-of-town travel.
6. Other Cost Reduction Areas – Agency directors are further instructed to examine all administrative operations to identify additional areas where cost reductions can be immediately achieved.
7. Exceptions – Any requests for exceptions to this Order are to be made in writing by the agency director to the Director of the Office of Financial Management.

IN WITNESS WHERE-
OF, I have hereunto set my

hand and caused the seal of the state of Washington to be affixed at Olympia this 17th day of August, A.D., nineteen hundred and eighty-one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Laura E. Eckert

Assistant Secretary of State

**WSR 81-19-050
PROCLAMATION
OFFICE OF THE GOVERNOR**

A PROCLAMATION BY THE GOVERNOR

Between December 24 and December 29, 1980, heavy rains, warm temperatures and melting snow caused extreme flooding conditions which resulted in widespread destruction and damage to private and public property in Jefferson County. Attendant disruptions of the state of Washington and its political subdivisions have resulted, and damage sustained is extensive and of major magnitude.

The severity and magnitude of the destruction and damage are beyond the capabilities of Jefferson County and subsequently, I find that a disaster affecting life, health, and property exists within the state of Washington. These conditions constitute an emergency as defined by the Washington State Disaster Preparedness Plan and the Revised Code of Washington.

NOW, THEREFORE, I, JOHN SPELLMAN, Governor of the state of Washington, as a result of the aforementioned flooding and under the provisions of Title 43.06, Revised Code of Washington, do hereby proclaim that a State of Emergency exists in Washington State, and that the Washington State Disaster Preparedness Plan be executed. The resources of the state of Washington are authorized to be employed to assist affected political subdivisions in a concerted effort to cope with the emergency. Additionally, the Department of Emergency Services is instructed to coordinate all state assistance to the affected areas.

IN WITNESS WHERE-
OF, I have hereunto set my
hand and caused the seal of the state of Washington to be affixed at Olympia this 16th day of January, Nineteen Hundred and Eighty-one.

John Spellman

Governor of Washington

BY THE GOVERNOR

Ralph Munro

Secretary of State

Reviser's Note: The spelling error in the above material appeared in the original copy of the executive order and appears herein pursuant to the requirements of RCW 34.08.040.

WSR 81-19-051

ADOPTED RULES

DEPARTMENT OF TRANSPORTATION

[Order 64—Filed September 11, 1981]

I, Duane Berentson, Secretary of Transportation, do promulgate and adopt at Room 1D9, Highway Administration Building, Olympia, Washington, the annexed rules relating to categorical exemptions, amending WAC 468-12-170.

This action is taken pursuant to Notice No. WSR 81-15-071 filed with the code reviser on July 21, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 43.21C-.120 which directs that the Department of Transportation has authority to implement the provisions of RCW 47.01.101(5).

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

By V. W. Korf
Deputy Secretary

AMENDATORY SECTION (Amending DOT Order 10 & Comm. Order 1, Resolution 13, filed 12/20/78)

WAC 468-12-170 CATEGORICAL EXEMPTIONS. The following activities of the transportation department are within the categorical exemptions contained in the indicated subsections of WAC 197-10-170:

(1) The repair, maintenance, or minor alteration of existing private or public structures, facilities or equipment, as provided in WAC 197-10-170(1)(k), including but not limited to:

- (a) Burning of weeds or brush within right of way limits;
- (b) Preparation, storage, and application of NaCl (rock salt), sand, and de-icing chemicals;
- (c) Disposal and/or treatment of sewage generated on transportation department property in accordance with state and local regulations;
- (d) Right of way mowings;
- (e) Snow removal and avalanche control;
- (f) Erosion control measures;
- (g) Stormwater disposal procedures not involving significant changes in existing drainage patterns and quantities outside of transportation right of way;

(h) Street, road, rail, and airport cleaning and sweeping;

(i) Litter pickup and disposal;

(j) Removal and disposal of debris;

(k) Application of right of way fertilizer;

(l) Planting, thinning, and removal of roadside, railyard, or airport trees as required for landscaping and maintenance purposes;

(m) Dead animal removal and disposal;

(n) Pavement burning;

(o) Maintenance and fencing of game crossings;

(p) Pit and sundry site reclamation;

(q) Waste oil disposal;

(r) Maintenance of chemical toilets;

(s) Control and disposal of roadway spills;

(t) All repair, maintenance, or minor alteration of existing transportation pavement, rails, earthwork, bridges, tunnels, guardrails, railroad protective devices, signs, paths, trails, buildings, toll booths, radio and telephone equipment, air quality equipment, rest area facilities, storage facilities, pit sites, airports, and other physical features and structures within the jurisdiction of the transportation department.

(2) Adoptions or approvals of utility, transportation, and solid waste disposal rates, as provided in WAC 197-10-170(7)(i), including, but not limited to the establishment of or changes in toll rates.

(3) Information collection and research, as provided by WAC 197-10-170(17), including but not limited to the development, adoption, and revision of ((fourteen=year)) transportation plans and six-year construction programs, and any other studies, plans, and programs which lead to proposals which have not yet been approved, adopted, or funded, and which do not commit the transportation department to proceed with the proposals contained therein.

WSR 81-19-052

ADOPTED RULES

DEPARTMENT OF TRANSPORTATION

[Order 65—Filed September 11, 1981]

I, Duane Berentson, Secretary of Transportation, do promulgate and adopt at Highway Administration Building, Olympia, Washington, the annexed rules relating to the repeal of WAC 468-58-040 concerning use of space beneath structures on limited access highways and adding a new section to chapter 468-30 WAC to include all non-highway use of airspace on state highways.

This action is taken pursuant to Notice No. WSR 81-16-062 filed with the code reviser on August 4, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 47.01.101(5) which directs that the Department of Transportation has authority to implement the provisions of RCW 47.12.120.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act

(chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

By V. W. Korf
for Secretary of Transportation

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 468-58-040 USE OF SPACE BENEATH STRUCTURES ON LIMITED ACCESS HIGHWAYS.

NEW SECTION

WAC 468-30-110 NONHIGHWAY USE OF AIRSPACE ON STATE HIGHWAYS. (1) Definitions:

(a) "Airspace" is that space located above, at or below the highway's established gradeline lying within the approved right of way limits.

(b) "Department" is the Washington State Department of Transportation.

(2) Any use of such space shall be subject to approval of the Federal Highway Administration.

(3) Any use of such space shall be subject to compliance with all applicable city, town or county zoning requirements.

(4) Any application to the department for the lease of such space shall describe in detail the use to be made of such space and the physical facilities to be installed and maintained on state right of way.

(5) The lessee shall be solely responsible and shall hold the state harmless for liability for any and all damage to persons or to public or private property that may result from or be caused by the use of such space or from the erection or maintenance of any structure or facility upon the highway right of way. The lessee shall be liable to the department for any moneys expended by it for the protection or repair of any state facility required as a result of any such use.

(6) The lessee shall be required to carry liability and property damage insurance in amounts required by the department.

(7) No use of such space shall be allowed which subjects the highway facility or the public to undue risk or impairs the use of the facility for highway purposes.

(8) Use of such space shall be covered by a properly executed airspace lease.

(9) Consideration for occupancy:

(a) Where the airspace can be developed and used as an entity the consideration shall be economic rent.

(b) Where the proposed use of the airspace is in conjunction with an abutting tract, rent shall be based on its contribution value to the abutting property but not less than economic rent.

(c) When the use of the property constitutes a highway purpose the rent may be offset in part or in whole with other valuable considerations as determined by the department.

(10) The granting of any use of such space shall be subject to the discretion of the department and upon such terms and conditions in addition to those stated herein as it shall deem proper.

(11) No assignment of any lease by the lessee shall be of any force and effect unless prior written approval of such assignment has been given by the department.

WSR 81-19-053

ADOPTED RULES

DEPARTMENT OF TRANSPORTATION

[Order 66—Filed September 11, 1981]

I, Duane Berentson, Secretary of Transportation, do repeal at Highway Administration Building, Olympia, Washington, the annexed rules relating to designation of official custodian of right of way maps, WAC 468-30-090.

This action is taken pursuant to Notice No. WSR 81-16-061 filed with the code reviser on August 4, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 47.01.101(5) which directs that the Department of Transportation has authority to implement the provisions of RCW 47.01.101(5).

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

By V. W. Korf
for Secretary of Transportation

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 468-30-090 DESIGNATION OF OFFICIAL CUSTODIAN OF RIGHT OF WAY MAPS.

WSR 81-19-054

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-129—Filed September 11, 1981]

I, Rolland A. Schmitt, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use angling rules.

I, Rolland A. Schmitt, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the

facts constituting such emergency is this order protects summer coho salmon and allocates fall coho salmon.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-57-13000B BOGACHIEL RIVER. Notwithstanding the provisions of WAC 220-57-130, effective September 14, 1981 until further notice, it is unlawful to take, fish for or possess coho salmon over 24 inches in length from the waters of the Bogachiel River.

NEW SECTION

WAC 22057-13500A CALAWAH RIVER. Notwithstanding the provisions of WAC 220-57-135, effective September 14, 1981 until further notice, it is unlawful to take, fish for or possess coho salmon over 24 inches in length from the waters of the Calawah River.

NEW SECTION

WAC 220-57-27000H HOH RIVER. Notwithstanding the provisions of WAC 220-57-270, effective September 14, 1981 until further notice, it is unlawful to take, fish for or possess coho salmon over 24 inches in length from the waters of the Hoh River.

NEW SECTION

WAC 220-57-38500D QUILLAYUTE RIVER. Notwithstanding the provisions of WAC 220-57-385, effective September 14, 1981 until further notice, it is unlawful to take, fish for or possess coho salmon over 24 inches in length from the waters of the Quillayute River.

NEW SECTION

WAC 22-57-46000F SOLEDUCK RIVER. Notwithstanding the provisions of WAC 220-57-460, effective September 14, 1981 until further notice, it is unlawful to take, fish for or possess coho salmon over 24 inches in length from the waters of the Soleduck River.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-57-27000G HOH RIVER (81-61)

WSR 81-19-055
EMERGENCY RULES
DEPARTMENT OF FISHERIES
[Order 81-130—Filed September 11, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial shellfish rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this extension will allow crabbers to finish this week's fishing activities and retrieve their gear.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-52-04600F CRAB FISHERY—AREAS AND SEASONS. Notwithstanding the provision of WAC 220-57-040, it is lawful to take, fish for, possess and transport through state waters crabs taken for commercial purposes in Pacific Ocean, Coastal, Columbia River and Grays Harbor fishing areas from September 15 through September 18, 1981.

WSR 81-19-056
EMERGENCY RULES
DEPARTMENT OF FISHERIES
[Order 81-131—Filed September 11, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the

facts constituting such emergency is this order is adopted pursuant to RCW 75.40.060.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-47-922 COMMERCIAL SOCKEYE AND PINK SALMON FISHERY. (1) *Effective September 11 through September 18, 1981, commercial sockeye salmon fishing rules of the United States Department of Commerce, as adopted by Order 81-48 of the Director of Fisheries and as published in the Federal Register June 25, 1981, are superseded in part by this section.*

(2) *It is unlawful to take, fish for or possess sockeye salmon for commercial purposes in Puget Sound Salmon Management and Catch Reporting Areas 4B, 5, 6, 6A, 6C, 7, 7A and 7D except as follows:*

Reef Nets

Saturday, September 12, 1981 8:00 A.M.
to 9:00 P.M.

Sunday, September 13, 1981 5:00 A.M. to
9:00 P.M.

Gill Nets

6:00 P.M. Saturday, September 12, 1981, to
9:00 A.M. Sunday, September 13, 1981.

6:00 P.M. Sunday, September 13, 1981 to
9:00 A.M. Monday, September 14, 1981

Purse Seines

Sunday, September 13, 1981 5:00 A.M. to
9:00 P.M.

Monday, September 14, 1981, 5:00 A.M. to
9:00 P.M.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-47-921 COMMERCIAL SOCKEYE AND PINK SALMON FISHERY. (81-122)

WSR 81-19-057

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-132—Filed September 11, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is scheduled fisheries in Areas 4B, 5, 6, 6A, 6C, 7, 7A and 7D are currently under IPSFC control. Fishery in Area 7B allows a harvest of coho salmon. Fisheries in Areas 10 and 11 allow a harvest of coho salmon. All other Puget Sound areas are closed to all-citizen commercial fishing to prevent overharvest of salmon stocks.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-47-615 PUGET SOUND ALL-CITIZEN COMMERCIAL SALMON FISHERY. *Notwithstanding the provisions of WAC 220-47-403, effective September 13 through September 19, 1981, it is unlawful to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:*

* Areas 4B, 5 and 6 - Closed except under International Pacific Salmon Fisheries Commission (IPSFC) and United States Department of Commerce (USDOC) rules set forth in Emergency Orders 81-48 and 81-131. Gill nets restricted to 5-7/8-inch maximum mesh size when open.

* Area 6A - Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-131. Gill nets restricted to 5-7/8-inch maximum mesh size when open, and purse seines must release all chinook salmon over 28 inches in length when open.

Area 6B – Closed.

* **Area 6C – Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-131. Gill nets restricted to 5-7/8-inch maximum mesh size when open.**

Area 6D – closed.

* **Areas 7 and 7A – Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-131. Gill nets restricted to 5-7/8-inch maximum mesh size when open.**

* **Area 7B – Closed except gill nets may fish Sunday and Monday nights from 6:00 p.m. to 9:00 a.m. with 5-inch minimum to 6-1/2-inch maximum mesh, and purse seines may fish Monday and Tuesday from 5:00 a.m. to 9:00 p.m. Purse seines are required to release all chinook salmon when open. The Fidalgo Bay Salmon Preserve is closed as provided in WAC 220-47-307.**

Area 7C – Closed.

* **Area 7D – Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-131. Gill nets restricted to 5-7/8-inch maximum mesh size when open.**

* **Areas 8, 8A, 9, and 9A – Closed.**

* **Area 10 – Closed except gill nets may fish Monday and Tuesday nights from 6:00 p.m. to 9:00 a.m. with 5-inch minimum mesh, and purse seines may fish Tuesday and Wednesday from 5:00 a.m. to 9:00 p.m. That portion of Area 10 easterly of a line projected from Meadow Point to West Point is closed to commercial fishing as provided in WAC 220-47-307.**

* **Areas 10A, 10B, 10C, 10D, and 10E. Closed.**

* **Area 11 – Closed except gill nets may fish Monday and Tuesday nights from 6:00 p.m. to 9:00 a.m. with 5-inch minimum mesh, and purse seines may fish Tuesday and Wednesday from 5:00 a.m. to 9:00 p.m. The Gig Harbor Salmon Preserve is closed as provided in WAC 220-47-307. That portion southerly of a line projected from Dash Point to Point Defiance is also closed.**

* **Areas 11A, 12, 12A, 12B, 12C, 12D, 13, 13A, 13B, and all freshwater areas – Closed.**

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-47-614 Puget Sound All-Citizen Commercial Salmon Fishery. (81-118)

WSR 81-19-058
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-133—Filed September 11, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is Areas 4B, 5, 6, 6A, 6C, 7 and 7A are restricted to protect Fraser River and some Puget Sound adult chinook salmon. Effective September 13, 1981, restrictions in Areas 4B, 5 and 6 allow a coho fishery while protecting Fraser River chinook. Area 6D and the Dungeness River are closed to protect Dungeness River pink salmon and chinook salmon already present. Strait tributaries are closed to protect chinook salmon in those tributaries. Nooksack River is restricted to protect pink salmon. Area 7C and the Samish River are closed to protect escapement of Samish Hatchery fall chinook salmon. Area 8 and the Skagit River are closed to protect pink and coho salmon. Areas 6B and 9 are closed to protect Nisqually, Stillaguamish, and Snohomish pink and various coho salmon stocks. Area 10 is closed to ensure accuracy of in-season update. Areas 13 and 13B are restricted to protect Nisqually pink and Deschutes chinook salmon. Area 10B restrictions protect Lake Washington sockeye. Areas 10C, 10D and the Cedar River are closed to protect Lake Washington sockeye and fall chinook. Portions of Area 12C are closed to protect Hoodsport and Dewatto fall chinook. The Elwha River is closed to protect pink salmon. The Stillaguamish and Snohomish Rivers are restricted to protect pink salmon. Analyses of test fishing results show pink salmon have cleared the western portions of Area 8A. The boundary change in Area 11A promotes catch-reporting compliance by treaty fishermen.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-22-03000C BOUNDARY CHANGE—AREA 11A. Notwithstanding the provisions of WAC 220-22-030, effective immediately until further notice, Puget Sound Salmon Management and Catch Reporting Area 11A includes those waters of Puget Sound south-erly of a line projected from Browns Point to the Asarco Smelter Stack on the opposite shore.

NEW SECTION

WAC 220-28-114 PUGET SOUND COMMERCIAL FISHERY RESTRICTIONS. Effective immediately until further notice, it is unlawful for treaty Indian fishermen to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:

* Area 4B – Troll-caught chinook under 24 inches in length and troll-caught coho under 16 inches in length must be released. Drift gill nets restricted to 5-7/8-inch maximum mesh when open through September 12, 1981. Effective September 13, 1981, drift gill nets restricted to 6-1/2-inch maximum mesh when open.

* Area 5 – Drift gill nets restricted to 5-7/8-inch maximum mesh when open through September 12, 1981. Effective September 13, 1981, drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 6 – Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6A – Gill nets restricted to 5-7/8-inch maximum mesh, and all other net gear must release chinook salmon over 28 inches when open.

Area 6B – Closed to all commercial net fishing.

* Area 6C – Drift gill nets restricted to 5-7/8-inch maximum mesh when open through September 12, 1981. Effective September 13, 1981, drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 6D – Closed to all commercial fishing.

Areas 7 and 7A – Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 7C – Closed to all commercial fishing.

Area 8 – Closed to all commercial fishing.

* Area 8A – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open, except in that portion westerly of a line projected from the light at Mukilteo Ferry Landing to the southeast tip of Gedney Island and that portion westerly of a line projected from the northwestern tip of Gedney Island to the southern tip of Camano Island.

Area 9 – Closed to all commercial fishing.

* Area 10 – Closed to all commercial fishing through 4:59 p.m. Monday, September 21,

1981, except from 6:00 p.m. Monday, September 14, 1981 to 9 p.m. Wednesday, September 16, 1981, except from 6:00 p.m. Friday, September 18, 1981 to 9:00 a.m. Saturday, September 19, 1981.

Area 10A – Closed to all commercial fishing.

Area 10B – Gill nets restricted to 6-1/2-inch minimum mesh when open.

Areas 10C and 10D – Closed to all commercial fishing.

Areas 12C – Closed to all commercial fishing within 1,000 feet of western shore between Hoodspout Marina Dock and Glen Ayr Trailer Park, and within 1/4 mile of a line connecting the outermost points of Dewatto Bay including Dewatto Bay.

Area 13 – Closed to all commercial fishing except in that portion in Hale Passage between the Fox Island Bridge and a line projected from the old ferry dock southeast of Ketner's Point 24 degrees true to the mainland.

Area 13B – Closed to gill net gear. All other gear must immediately release pink salmon and female chinook salmon over 24 inches in length when open.

Puyallup River – Gill nets restricted to 6-inch maximum mesh size when open.

Nisqually River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Cedar River – Closed to all commercial fishing.

Duwamish/Green River – Closed to all commercial fishing.

Dungeness River – Closed to all commercial fishing.

Elwha River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Nooksack River – Gill nets restricted to 7-1/2-inch minimum mesh size above the Marietta Bridge, when open.

Stillaguamish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Snohomish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Samish River – Closed to all commercial fishing.

Skagit River – Closed to all commercial fishing, including all tributaries.

Clallam River, Deep Creek, Hoko River, Lyre River, Pysht River, Sail River, Salt Creek, Sekiu River, East Twin River, West Twin River – Closed to all commercial fishing.

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-28-113 Puget Sound Commercial Fishery Restrictions (81-128)

WSR 81-19-059**EMERGENCY RULES****DEPARTMENT OF FISHERIES**

[Order 81-134—Filed September 11, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order is necessary to protect hatchery escapement and meet program goals for the Washougal Hatchery.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

REPEALER

The following section of the Washington Administrative Code is repealed effective 6:00 P.M. September 11, 1981:

WAC 220-32-03600L TERMINAL AREA FISHERIES (81-124).

WSR 81-19-060**ADOPTED RULES****STATE BOARD FOR****COMMUNITY COLLEGE EDUCATION**

[Order 89, Resolution 81-65—Filed September 14, 1981]

Be it resolved by the State Board for Community College Education, acting at Olympia, Washington, that it does promulgate and adopt the annexed rules relating

to tuition and fee charges for ungraded courses offered by community colleges.

This action is taken pursuant to Notice No. WSR 81-16-071 filed with the code reviser on August 5, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 28B.15.500 as amended by chapter 257, Laws of 1981 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

By Gilbert J. Carbone
Assistant Director

AMENDATORY SECTION (Amending Order 71, Resolution 78-29, filed 6/30/78)

WAC 131-28-025 METHOD OF ASSESSING TUITION AND FEE CHARGES. (1) For academic and occupational regular or short courses, tuition and fees charged to students:

(a) Shall be based upon the number of credits assigned to such courses as listed in the official and current catalog of the college, or for courses not given such credit designations, the number of credit equivalents as computed by the method for deriving such equivalents established by the State Board.

(b) shall be assessed on a per-credit basis at uniform rates for resident and for nonresident students, provided:

(i) That the respective maximums charged to any resident or nonresident student shall not exceed the amount specified in (~~RCW 28B.15.500~~) chapter 28B.15 RCW,

(ii) that the required nonresident differential is charged to students registered for seven or more credits.

(c) shall be assessed for part-time students, exclusive of services and activities fees, for each credit of registration or its equivalent, at the rate of one-tenth of the total combined tuition and operating fees charged to full-time students consistent with (~~RCW 28B.15.500~~) chapter 28B.15 RCW.

(2) The provisions of this section shall not apply to the ungraded courses set forth in WAC 131-28-026.

(3) For community service courses, fees charged to students:

(a) Shall be designated as a special fee, all revenue from which shall be used for the general operations and maintenance of the college;

(b) shall be assessed at a rate sufficient to defray the direct and indirect costs of offering such community service courses.

(4) Nothing herein shall be construed to be a restriction on the right of the district board of trustees to assess additional noninstructional fees and special fees to cover unique instructional costs or expendable instructional materials related to any course offered by a college district.

AMENDATORY SECTION (Amending Order 71, Resolution 78-29, filed 6/30/78)

WAC 131-28-026 TUITION AND FEE CHARGES FOR CERTAIN UNGRADED COURSES. (1) When in the judgment of a district board of trustees certain courses should be designated as ungraded courses and offered by tuition and fee rates that differ from the standard rates set by ~~((RCW 28B-15.500 and))~~ WAC 131-28-025, the board of trustees may propose such designations and tuition and fee levels. Implementation of such proposals shall be contingent upon approval of the State Director, who shall review such proposals with respect to the provisions of subsection (2) of this section and with respect to a general standard of system-wide consistency of tuition and fee charges when essentially similar services are provided.

(2) Ungraded courses designated pursuant to subsection (1) of this section shall meet the following qualifications:

(a) The primary intent of offering the course is other than providing academic credit applicable to an associate's or higher degree.

(b) The course has a specialized purpose in that it is intended to meet the unique educational needs of a specific category or group of students.

(c) The course is offered for the purpose of providing the individual student with a ~~((discreet))~~ discrete skill or basic body of knowledge other than that intended to lead to initial employment.

(d) The course cannot be administered as a contract course pursuant to WAC 131-28-027, 131-32-010, or 131-32-020.

(e) The course is not offered primarily as an integral part of any lower-division curriculum or program.

(f) The course is not one specifically or primarily intended to satisfy requirements for receiving a high school diploma.

(3) For the purposes of this section, ungraded courses shall be defined as those courses classified according to the official course classification taxonomy established by the State Board as occupational supplementary, occupational ~~((non-wage-earning))~~ homemaking, academic basic education, or academic general education courses, provided they shall also meet the qualifications set forth in subsection (2) of this section.

(4) For the purpose of implementing WAC 131-28-025(2), the tuition and fees, exclusive of special fees, charged by any Washington community college for the following ungraded courses shall be:

Course	Tuition	Operating Fee	Services and Activities Fee
(a) Courses offered for the purpose of satisfying ((educational)) related or supplemental educational requirements for apprentices while indentured with the Washington State	\$(13.50)) <u>24.00</u> per year	\$(13.50)) <u>24.00</u> per year	No Charge

Course	Tuition	Operating Fee	Services and Activities Fee
Apprenticeship Council or Federal Bureau of Apprenticeship and Training			
(b) Department of Labor and Industries approved industrial first aid courses offered for the purpose of satisfying WISHA first aid certification requirements	No Charge	No Charge	No Charge
(c) Parent education involving cooperative pre-school program	((One-half)) <u>The combined stand-ard district charge per credit ((per)) ((quarter)) hour for tuition and operating fees less ((one-half-of)) the pre-school cooperative fee, with any remainder divid-ed equally be-tween tuition and operating fee</u>	((One-half)) <u>((the)) ((stand-ard)) ((district)) ((charge-per)) ((credit-per)) ((quarter)) ((less)) ((one-half-of)) ((of)) ((pre-school)) ((cooperative)) ((fee))</u>	No Charge
(d) Farm management and small business management	\$(20.00)) <u>36.00</u> per year per person enrolled, minimum charge \$(40.00)) <u>72.00</u> per year	\$(20.00)) <u>36.00</u> per year per person enrolled, minimum charge \$(40.00)) <u>72.00</u> per year	No Charge
(e) Adult Basic Education courses supported by federal funds and English as a Second Language courses funded from such sources	No Charge	No Charge	No Charge
(f) Emergency Medical Technician	<u>\$9.00 per course</u>	<u>\$9.00 per course</u>	No Charge
(g) Courses specifically designed to provide skills and understandings particularly related to the problems of retirement and advanced age	<u>\$1.00 per credit hour</u>	<u>\$1.00 per credit hour</u>	No Charge

For the purpose of computing any refunds related to such tuition and fees charged for apprenticeship, small business management and farm management courses, the total tuition and fees charged on a yearly basis shall be prorated to a quarterly basis.

(5) Tuition, operating fees, and services and activities fees received pursuant to this section shall be accounted for and deposited in conformance with the provisions of

RCW 28B.50.360, 28B.15.031, and 28B.15.041 respectively.

WSR 81-19-061
EMERGENCY RULES
DEPARTMENT OF PERSONNEL
(Personnel Board)
 [Order 158—Filed September 14, 1981]

Be it resolved by the State Personnel Board, acting at 600 South Franklin, Olympia, WA 98504, that it does promulgate and adopt the annexed rules relating to:

- New WAC 356-14-065 Salary—Teachers of the deaf or blind.
- New WAC 356-15-125 Assignment pay provisions.
- Amd WAC 356-15-130 Special pay ranges.
- Rep WAC 356-15-120 Special assignment pay provisions.

We, the State Personnel Board, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is RCW 72.05.140(2) requires that teachers of the deaf or blind are to be paid the same salaries as their counterparts in School District #37, Vancouver, Washington, beginning with the 1981-82 school year, necessitating the emergency adoption of Civil Service System Rules to implement this provision in a timely fashion.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 41.06.150(17) and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 10, 1981.
 By Leonard Nord
 Secretary

NEW SECTION

WAC 356-14-065 SALARY—TEACHERS OF THE DEAF OR BLIND. In accordance with RCW 72.05.140 (2), Teachers of the Deaf or Blind will be paid, beginning with their 1981-82 school year, the same salaries paid to certified employees of similar background and experience in School District #37, Vancouver, Washington.

New yearly schedules will be published when received from that school district.

NEW SECTION

WAC 356-15-125 ASSIGNMENT PAY PROVISIONS. The Personnel Board may grant additional pay

to recognize assigned duties that exceed ordinary conditions. Hazards, equipment operations and other specialized skills are examples of areas for Personnel Board consideration. Approved classes will have the letters "AP" appearing after their class title in the Compensation Plan.

Details of the affected classes or positions within a class, with the additional amount granted, will appear in the salary schedule section of the Compensation Plan.

AMENDATORY SECTION (Amending Order 137, filed 11/13/79)

WAC 356-15-130 SPECIAL PAY RANGES. ~~((Classes to which a special range applies are marked with the applicable letter designation after their range number in the Compensation Plan.~~

~~Special pay ranges are used to more nearly parallel unusual prevailing pay ranges in other governmental jurisdictions and in private industry.))~~ These ranges are used to equal or approximate prevailing rate practices found in private industry or other governmental units. An affected class is identified either by a letter designation following the basic salary range number or by a letter designation preceding a number. In the latter case, a special salary schedule will be used for such classes.

(1) "E" Range: This range is used for classes having a prevailing pay range which is shorter than Washington's standard ranges. An "E" range is a standard range with the first four steps removed. Thus, the ~~((minimum))~~ first step of such a range is the same as step E of the standard range having the same range number. Periodic increases through the steps of this range are made at the same time intervals as through standard ranges, i.e., a two-step increase after ~~((6))~~ six months at step E and two annually thereafter up to the maximum step of the range.

(2) "L" Range: This special range is used only for the class of Liquor Store Clerk (0628). The "L" range was designed to more closely parallel the prevailing pay structure for retail clerks in private industry. Periodic increases through the steps of the "L" range are made at the same time intervals as through a standard range. Normal progression is steps A, D, G and K, which represents ten percent per periodic increase.

((Example))

((Steps))

((A—B—C—D—E—F—G—H—I—J—K))
 ((Range 22L 5868 890 912 959 983
 —1007 1058 1085 1112 1140 1168))

((NOTE: This atypical range will not be found in the Washington state salary schedule.))

(3) ~~(("M" Range: This special range is used only for the class of Job Service Center Interviewer Assistant (3006). It is comprised of steps A, B and C only.))~~ "T" Range: Used only for the classes of Institution Teachers. These ranges are constructed by identifying Step K of the correspondingly numbered regular State ranges as "Step 10" of the T-range, the lower nine steps of the T-range are each two regular-range steps (approximately

5%) apart. Advancement through these ranges is at the rate of one step per year.

(4) "V" Range: Use only for the classes of Teachers of the Deaf or Blind and Principals, School for the Deaf or Blind. A special salary schedule will be published when received from School District #37, Vancouver, Washington. Advancement through the range is at the rate of one step per year.

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

REPEALER

WAC 356-15-120 SPECIAL ASSIGNMENT PAY PROVISIONS.

WSR 81-19-062
EMERGENCY RULES
DEPARTMENT OF PERSONNEL
(Personnel Board)

[Order 159—Filed September 14, 1981]

Be it resolved by the State Personnel Board, acting at 600 South Franklin, Olympia, WA 98504, that it does promulgate and adopt the annexed rules relating to:

Amd WAC 356-10-060 Allocation—Request for review.
 Amd WAC 356-34-080 Appeals from disciplinary actions, presumed abandonment, violations of law or rules—Filing period.

We, the State Personnel Board, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is the legislature enacted chapter 311, Laws of 1981 effective May 19, 1981, establishing a separate Personnel Appeals Board to hear appeals of state employees. The members of this board have been appointed and these rule changes are necessary to administratively implement the proper filing of appeals.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 41.06.150(17) and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 10, 1981.

By Leonard Nord
 Secretary

AMENDATORY SECTION (Amending Order 147, filed 9/16/80)

WAC 356-10-060 ALLOCATION—REQUEST FOR REVIEW. A review by the Director of Personnel or designee of the allocation or reallocation of a position may be requested by the incumbent in the position at the time the reallocation was requested, or on the date the allocation decision was issued, or at the conclusion of a class study, or by the agency director as follows:

(1) The written request for a review must be filed with the Director of Personnel within 30 calendar days following notification of the effective date of the action and must contain the reasons and basis for the review.

(2) The Director of Personnel or designee shall acknowledge receipt of the request and send a copy of the request to the agency.

(3) The agency shall make every effort to resolve the disagreement through agency procedures.

(4) During the review, the Director of Personnel or designee shall conduct a hearing and may investigate and obtain such information as may be deemed necessary.

(5) Within 30 days of the receipt of the request for review, the Director of Personnel or designee shall set a date for a hearing and shall notify the incumbent employee, employing agency, employee organization, and designated Department of Personnel analyst: provided, that the notice shall not be less than 20 calendar days. The hearing shall be informal and any of the above designated parties may present their views. The Director of Personnel or designee will enter a written determination and provide each of the participating parties with a copy.

(6) An employee or agency may ~~((request a review of))~~ appeal the determination of the Director of Personnel or designee ~~((by))~~ to the State Personnel Appeals Board as provided in Title 358 WAC. ~~((The written request for a Board review must be filed with the Director of Personnel within 30 calendar days following notification of the Director of Personnel or designee's determination and must contain the reason and basis for the review. The review by the State Personnel Board will be limited to the documents from the proceedings before the director or designee, and the State Personnel Board, in its discretion, may schedule a hearing for argument or it may issue a decision without a hearing. Any of the above designated parties may submit or may be required to submit a written memorandum. The State Personnel Board will issue a written determination and provide each of the participating parties with a copy.))~~

(7) Allocation or reallocation reviews which result from a class-wide or broader position survey need not be heard until the Director of Personnel or designee has had a reasonable period of time to re-examine the position in question and all pertinent facts.

(8) Wherever possible, agencies shall continue employee's duties unchanged, pending an allocation decision.

AMENDATORY SECTION (Amending Order 89, filed 6/30/76)

WAC 356-34-080 APPEALS FROM DISCIPLINARY ACTIONS, PRESUMED ABANDONMENT, VIOLATIONS OF LAW OR RULES—FILING PERIOD. (1) Any permanent employee who is demoted, suspended, reduced, dismissed, or presumed to have abandoned his/her position may appeal such action to the Personnel Appeals Board as provided in Title 358 WAC.

(2) Any employee who is adversely affected by a violation of the State Civil Service Law, Chapter 41.06 RCW, or of the Merit System Rules (Title 356, WAC) may appeal such violation to the Personnel Appeals Board as provided in Title 358 WAC.

~~((3) Such appeals must be filed in writing at the Director's office within 30 days after the effective date of the action being appealed.))~~

Reviser's Note: RCW 34.04.058 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

WSR 81-19-063

**NOTICE OF PUBLIC MEETINGS
HUMAN RIGHTS COMMISSION**
[Memorandum—September 10, 1981]

The State Human Rights Commission will hold its monthly meeting in Pasco on Thursday, September 17, 1981.

The public is invited to attend the meeting. Interpreters for people with hearing impairments and brailled or taped information for people with visual impairments can be provided by contacting the Commission Clerk by September 14, 1981.

The meeting will be held in the Council Chambers, Pasco City Hall, 412 West Clark. The facilities are accessible to the handicapped.

For further information contact: Commission Clerk, 206-753-6770 or 206-464-6500.

WSR 81-19-064

**EMERGENCY RULES
DEPARTMENT OF NATURAL RESOURCES**
[Order 366—Filed September 14, 1981]

I, Brian J. Boyle, Commissioner of Public Lands, do promulgate and adopt at Olympia, Washington, the annexed rules relating to the adoption of an emergency rule restricting logging on forest lands under the protection of the Department of Natural Resources. The Olympic Area shall have Hoot Owl conditions (everything shutdown from 1200 Noon until 2400 Midnight) in zone 650; its Southwest Area shall have complete shutdown in zones 621 E and 660; its South Puget Sound Area will have complete shutdown in zones 659 and 652; its Northwest Area shall have complete shutdown in zone 658; its Central Area shall have complete

shutdown in zones 660, 659 and 652 effective at midnight, Monday, September 14, 1981 through midnight, Wednesday, September 16, 1981.

I, Brian J. Boyle, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is due to existing and forecasted weather conditions, the areas listed above as included in the logging restrictions are particularly exposed to fire danger. No one may enter areas of logging slash. Burning permits and burning privileges in zones B and C are also suspended.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 76.04.150, 76.04.190 and 76.04.200 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 14, 1981.

By Brian J. Boyle
Commissioner of Public Lands

NEW SECTION

WAC 332-26-518 MODIFIED LOGGING SHUTDOWN IN PARTS OF WESTERN WASHINGTON UNDER THE PROTECTION OF THE DEPARTMENT OF NATURAL RESOURCES IN THE OLYMPIC AREA.

Effective Monday, midnight (2400 hours), September 14, 1981, through Wednesday, midnight (2400 hours), September 16, 1981, all logging, land clearing, and other industrial operations which may cause a fire to start are to be shutdown from Noon (1200) to midnight (2400).

DNR shutdown zone affected by this restriction is zone 650 in Grays Harbor, Jefferson, and Clallam counties under the protection of the Olympic Area.

During the shutdown period, all persons are excluded from logging operating areas and areas of logging slashings except those persons present in the interest of fire protection.

Burning permits in burning permit zones B and C are cancelled in the above zone during the shutdown.

NEW SECTION

WAC 332-26-519 LOGGING SHUTDOWN IN PARTS OF WESTERN WASHINGTON UNDER THE PROTECTION OF THE DEPARTMENT OF NATURAL RESOURCES.

Effective Monday, midnight (2400 hours), September 14, 1981, through Wednesday, midnight (2400 hours),

September 16, 1981, all logging, land clearing and other industrial operations which may cause a fire to start are to be shutdown.

Zone 658 in Whatcom, Skagit, Snohomish and King counties in the Northwest and South Puget Sound Areas.

Zone 659 in King, Pierce, and Lewis counties in the South Puget Sound and Central Areas.

Zone 652 in Jefferson, Mason, and Grays Harbor counties in the South Puget Sound and Central Areas.

Zone 660 in Lewis, Cowlitz, and Skamania counties in the Central and Southwest Areas.

Zone 621 East in Skamania county in the Southwest Area.

During the shutdown period, all persons are excluded from logging operating areas and areas of logging slashing except those persons present in the interest of fire protection.

Burning permits in burning permit zones B and C are cancelled in the above zones during the shutdown.

WSR 81-19-065
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-135—Filed September 14, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is Areas 4B, 5, 6, 6A, 6C, 7 and 7A are restricted to protect Fraser River and some Puget Sound adult chinook salmon. Effective September 13, 1981, restrictions in Areas 4B, 5 and 6 allow a coho fishery while protecting Fraser River chinook. Areas 6D and the Dungeness River are closed to protect Dungeness River pink salmon and chinook salmon already present. Strait tributaries are closed to protect chinook salmon in those tributaries. Nooksack River is restricted to protect pink salmon. Area 7C and the Samish River are closed to protect escapement of Samish Hatchery fall chinook salmon. Area 8 and the Skagit River are closed to protect pink and coho salmon. Areas 6B and 9 are closed to protect Nisqually, Stillaguamish, and Snohomish pink and various coho salmon stocks. Area 10 is closed to ensure accuracy of in-season update. Areas 13 and 13B are restricted to protect Nisqually pink and sockeye. Areas 10C, 10D and the Cedar River are closed to protect Lake Washington sockeye and fall chinook. Portions of Area 12C are closed to protect Hoodspout and Dewatto fall chinook.

The Elwha River is closed to protect pink salmon. The Stillaguamish and Snohomish Rivers are restricted to protect pink salmon. Analyses of test fishing results shown coho management needs now prevail in Area 8A. The boundary change in Area 11A promotes catch-reporting compliance by treaty fishermen.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 14, 1981.

By Frank Haw
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-28-115 PUGET SOUND COMMERCIAL FISHERY RESTRICTIONS. *Effective immediately until further notice, it is unlawful for treaty Indian fishermen to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:*

Area 4B - Troll-caught chinook under 24 inches in length and troll-caught coho under 16 inches in length must be released. Drift gill nets restricted to 5-7/8-inch maximum mesh when open through September 12, 1981. Effective September 13, 1981, drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 5 - Drift gill nets restricted to 5-7/8-inch maximum mesh when open through September 12, 1981. Effective September 13, 1981, drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 6 - Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6A - Gill nets restricted to 5-7/8-inch maximum mesh, and all other net gear must release chinook salmon over 28 inches when open.

Area 6B - Closed to all commercial net fishing.

Area 6C - Drift gill nets restricted to 5-7/8-inch maximum mesh when open through September 12, 1981. Effective September 13, 1981, drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 6D - Closed to all commercial fishing.

Areas 7 and 7A - Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 7C - Closed to all commercial fishing.

Area 8 - Closed to all commercial fishing.

Area 9 – Closed to all commercial fishing.

10 – Closed to all commercial fishing through 4:59 p.m. Monday, September 21, 1981, except from 6 p.m. Monday, September 14, 1981 to 9 p.m. Wednesday, September 16, 1981, except from 6:00 p.m. Friday, September 18, 1981 to 9:00 a.m. Saturday, September 19, 1981.

Area 10A – Closed to all commercial fishing.

Area 10B – Gill nets restricted to 6-1/2-inch minimum mesh when open.

Areas 10C and 10D – Closed to all commercial fishing.

Areas 12C – Closed to all commercial fishing within 1,000 feet of western shore between Hoodspout Marina Dock and Glen Ayr Trailer Park, and within 1/4 mile of a line connecting the outermost points of Dewatto Bay including Dewatto Bay.

Area 13 – Closed to all commercial fishing except in that portion in Hale Passage between the Fox Island Bridge and a line projected from the old ferry dock southeast of Ketner's Point 24 degrees true to the mainland.

Area 13B – Closed to gill net gear. All other gear must immediately release pink salmon and female chinook salmon over 24 inches in length when open.

Puyallup River – Gill nets restricted to 6-inch maximum mesh size when open.

Nisqually River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Cedar River – Closed to all commercial fishing.

Duwamish/Green River – Closed to all commercial fishing.

Dungeness River – Closed to all commercial fishing.

Elwha River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Nooksack River – Gill nets restricted to 7-1/2-inch minimum mesh size above the Marietta Bridge, when open.

Stillaguamish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Snohomish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Samish River – Closed to all commercial fishing.

Skagit River – Closed to all commercial fishing, including all tributaries.

Clallam River, Deep Creek, Hoko River, Lyre River, Pysht River, Sail River, Salt Creek, Sekiu River, East Twin River, West Twin River – Closed to all commercial fishing.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-28-114 Puget Sound Commercial Fishery Restrictions (81-133)

WSR 81-19-066
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-136—Filed September 14, 1981]

I, Rolland A. Schmitt, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitt, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order is adopted pursuant to the Columbia River compact.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.40.010 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 14, 1981.

By Frank Haw
for Rolland A. Schmitt
Director

NEW SECTION

WAC 220-32-05800J RIVER MOUTH CLOSURE. Notwithstanding the provisions of WAC 220-32-051 and WAC 220-32-058, and WAC 220-32-05800J, effective 12:00 noon September 15 through 12:00 noon September 17, 1981, it is lawful for those individuals possessing fishing rights pursuant to the Yakima, Warm Springs, Umatilla and Nez Perce treaties, to take, fish for or possess salmon for commercial purposes in that portion of the Columbia River extending to midstream at right angles to the thread of the Columbia River between Tunnel Number Five Point located approximately 1.8 miles west of Spring Creek Fishway to a boundary marker approximately 1/4 mile east of Spring Creek Fishway except in that portion 300 feet offshore between a line projected from a boundary marker 300 feet east of the hatchery fish ladder perpendicular to the thread of the stream and a line projected

from a boundary marker 300 feet west of the hatchery fish ladder perpendicular to the thread of the stream.

WSR 81-19-067
PROPOSED RULES
DEPARTMENT OF PERSONNEL
(Personnel Board)
 [Filed September 15, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the State Personnel Board intends to adopt, amend, or repeal rules concerning:

- Amd WAC 356-35-010 Disability—Separation—Appeals—Procedures.
- Amd WAC 356-46-130 State Housing Committee—Responsibilities.
- New WAC 356-47-010 Career Executive Program—Purpose.
- New WAC 356-47-020 Career Executive Program—Application of rules.
- New WAC 356-47-030 Career Executive Program—General provisions.
- New WAC 356-47-040 Career Executive Program—Position nomination—Approval—Procedures.
- New WAC 356-47-050 Career Executive Program—Nomination of position and incumbent.
- New WAC 356-47-051 Career Executive Program—Recruitment—Procedures.
- New WAC 356-47-052 Career Executive Program—Appointments—Endorsed candidate lists—Procedures—Probationary period.
- New WAC 356-47-060 Career Executive Program—Position removal—Incumbent removal—Return rights—Procedures.
- New WAC 356-47-070 Career Executive Program—Agreement of participation.
- New WAC 356-47-080 Career Executive Program—Performance appraisal—Performance recognition—Performance pay.
- New WAC 356-47-090 Career Executive Program—Development and training.
- New WAC 356-47-100 Career Executive Program—Classification—Allocation.
- New WAC 356-47-110 Career Executive Program—Inter-agency transfers—Intra-agency transfers.
- New WAC 356-47-120 Career Executive Program—Appeals;

that such agency will at 10:00 a.m., Thursday, October 1, 1981, in the Board Hearing Room, Department of Personnel, 600 South Franklin, Olympia, WA, conduct a hearing relative thereto.

The adoption, amendment, or repeal of such rules will take place immediately following such hearing.

The authority under which these rules are proposed is RCW 41.06.040.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to September 29, 1981, and/or orally at 10:00 a.m., Thursday, October 1, 1981, Board Hearing Room, Department of Personnel, 600 South Franklin, Olympia, WA.

This notice is connected to and continues the matter in Notice No. WSR 81-16-055 filed with the code reviser's office on August 3, 1981.

Dated: September 14, 1981
 By: Leonard Nord
 Secretary

WSR 81-19-068
PROPOSED RULES
DEPARTMENT OF PERSONNEL
(Personnel Board)
 [Filed September 15, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the State Personnel Board intends to adopt, amend, or repeal rules concerning:

- Amd WAC 356-15-060 Shift differential provisions and compensation.
- Amd WAC 356-15-080 Standby provisions and compensation.
- Amd WAC 356-18-090 Vacation leave—Accrual.
- Amd WAC 356-18-140 Leave without pay.
- Amd WAC 356-26-030 Register designation.
- Amd WAC 356-26-070 Certification—Registers—Order of rank—Exception.
- Amd WAC 356-06-010 Definitions.
- Amd WAC 356-18-220 Leave—Extension of anniversary date—Periodic increment date—Effect—Exceptions.
- Amd WAC 356-26-060 Certification—General methods.
- Amd WAC 356-30-220 Reemployment—Status.
- Amd WAC 356-30-330 Reduction-in-force—Rules, Regulations—Procedure;

that such agency will at 10:00 a.m., Thursday, October 1, 1981, in the Board Hearing Room, Department of Personnel, 600 South Franklin, Olympia, WA, conduct a hearing relative thereto.

The adoption, amendment, or repeal of such rules will take place immediately following such hearing.

The authority under which these rules are proposed is RCW 41.06.040.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to September 29, 1981, and/or orally at 10:00 a.m., Thursday, October 1, 1981, Board Hearing Room, Department of Personnel, 600 South Franklin, Olympia, WA.

This notice is connected to and continues the matter in Notice Nos. WSR 81-16-028 and 81-16-037 filed with the code reviser's office on July 28, 1981 and July 30, 1981.

Dated: September 14, 1981
 By: Leonard Nord
 Secretary

WSR 81-19-069
EMERGENCY RULES
DEPARTMENT OF GAME
(Game Commission)
 [Order 172—Filed September 15, 1981]

Be it resolved by the Game Commission, State of Washington, acting at Everett, Washington, that it does promulgate and adopt the annexed rule relating to the 1981-82 Upland Game Gird and Migratory Waterfowl Seasons, WAC 232-28-404.

We, The Game Commission, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action

would be contrary to public interest. A statement of the facts constituting such emergency is seasons and bag limits have been established in the manner outlined on the 1981-82 Upland Game Bird and Migratory Waterfowl Seasons attachment. To provide for public recreational opportunity and for the annual harvest of upland game birds and migratory waterfowl, WAC 232-28-404 shall be adopted as an emergency rule. Such rules are therefore adopted as emergency rules to take effect upon filing with the Code Reviser.

This rule is promulgated under the general rule-making authority of the Game Commission as authorized in RCW 77.12.040.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW) or the Administrative Procedure Act (chapter 34.04 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

This order, after being first recorded in the Order Register of this governing body, shall be forwarded to the Code Reviser for filing pursuant to chapter 34.04 RCW and chapter 1-12 WAC.

APPROVED AND ADOPTED August 24, 1981.

By Frank R. Lockard
Director

NEW SECTION

WAC 232-28-404 1981-82 UPLAND GAME BIRD AND MIGRATORY WATERFOWL SEASONS.

Reviser's Note: The text and accompanying pamphlet comprising the 1981-82 Upland Game Bird and Migratory Waterfowl Seasons adopted by the Department of Game have been omitted from publication in the Register under the authority of RCW 34.04.050(3) as being unduly cumbersome to publish. Copies of the rules may be obtained from the main office of the Department of Game, 600 North Capitol Way, Olympia, Washington 98504, and are available in pamphlet form from the Department, its six regional offices, and at numerous drug and sporting goods stores throughout the state.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 232-28-403 1980-81 UPLAND GAME BIRD AND MIGRATORY WATERFOWL SEASONS

**WSR 81-19-070
EMERGENCY RULES
DEPARTMENT OF
NATURAL RESOURCES**

[Order 367—Filed September 15, 1981]

I, Brian J. Boyle, Commissioner of Public Lands, do promulgate and adopt at Olympia, Washington, the annexed rules relating to the adoption of an emergency rule restricting logging on forest lands under the protection of the Department of Natural Resources in its Southwest Area, shutdown zone 621 W, in portions of Cowlitz, Clark and Skamania counties effective immediately until midnight, Wednesday, September 16, 1981.

I, Brian J. Boyle, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is due to existing and forecasted weather conditions, the areas listed above as included in the logging restrictions are particularly exposed to fire danger. No one may enter areas of logging slash. Burning permits and burning privileges in zones B and C are also suspended.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 76.04.150, 76.04.190 and 76.04.200 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 15, 1981.

By Brian J. Boyle
Commissioner of Public Lands

NEW SECTION

WAC 332-26-520 COMPLETE LOGGING SHUTDOWN IN PARTS OF WESTERN WASHINGTON UNDER THE PROTECTION OF THE DEPARTMENT OF NATURAL RESOURCES IN PART OF ITS SOUTHWEST AREA.

Effective immediately, on September 15, 1981 through midnight, Wednesday, September 16, 1981, all logging, milling, land clearing, and other industrial operations that may cause a forest fire to start are to be shutdown in zone 621 W in parts of Cowlitz, Clark, and Skamania counties.

During the shutdown period, all persons are excluded from logging operating areas and areas of logging slash-ing except those persons present in the interest of fire protection.

Burning permits in burning permit zones B and C are cancelled in the above zones during the shutdown.

These restrictions apply to those lands protected by the Department of Natural Resources in western Washington.

**WSR 81-19-071
ADOPTED RULES
DEPARTMENT OF LICENSING
(Examining Committee of Physical Therapists)
[Order PL 384—Filed September 15, 1981]**

Be it resolved by the Department of Licensing, Washington State Examining Committee of Physical

Therapists, acting at Seattle, Washington, that it does promulgate and adopt the annexed rules relating to:

Amd WAC 308-42-045 Examination.
Amd WAC 308-42-060 Reciprocity—Recommendation to director.

This action is taken pursuant to Notice No. WSR 81-14-088 filed with the code reviser on July 1, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Department of Licensing as authorized in RCW 18.74.020.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 10, 1981.

By Mary Beth Barone
Chairman

AMENDATORY SECTION (Amending Order PL 191, filed 5/29/75)

WAC 308-42-045 EXAMINATION. (1) The examination acceptable to and approved for use under the provisions of RCW 18.74.035 shall be the examination for physical therapists as prepared by the Professional Examining Service of New York. A passing score is ~~((1.5 standard deviations below the National mean))~~ 70% of the raw score with not less than 60% raw score on all three examination parts.

(2) A passing score, as defined above, obtained in a PES exam within three years prior to the date of registration application and verified by the Interstate Reporting Service of the Professional Examining Service of New York, will satisfy the written examination requirements.

AMENDATORY SECTION (Amending Order PL 191, filed 5/29/75)

WAC 308-42-060 RECIPROCIY—RECOMMENDATION TO DIRECTOR. (1) Before recommending to the director that reciprocity be extended to any individual licensed to practice physical therapy under the law of another state, territory, or District of Columbia, the examining committee shall determine the qualifications of the applicant as prescribed by law, based in part on the Professional Examining Service examination. A score of ~~((1.5 standard deviation below the National Mean))~~ 70% of the raw score with not less than 60% raw score on all three examination parts, verified, by the Interstate reporting Service of the Professional Examining Service of New York, shall be considered passing for the purposes of reciprocity outlined in RCW 18.74.060.

(2) If the decision to extend reciprocity is based on an examination other than the Professional Examining Service, the examining committee shall determine if such examination was equivalent to that required by the laws of this state.

(3) The committee shall not recommend to the director that a person be registered as a physical therapist under the reciprocity provisions of RCW 18.74.060, unless said applicant shall have taken and passed the Professional Examining Service examination, or other examination equivalent to that required by the laws of this state.

(4) All applicants who have been denied reciprocity must apply for registration in Washington and receive a probationary certificate before engaging in the practice of physical therapy.

WSR 81-19-072

ADOPTED RULES

GAMBLING COMMISSION

[Order 111—Filed September 15, 1981]

Be it resolved by the Washington State Gambling Commission, acting at Olympia, Washington, that it does promulgate and adopt the annexed rules relating to the amending of WAC 230-25-030, 230-25-033, 230-25-040, 230-25-070, 230-25-100, 230-25-120, 230-25-220, 230-25-235 and 230-25-265; adding new sections 230-25-315 and 230-25-320; and repealing 230-25-035 and 230-25-071.

This action is taken pursuant to Notice No. WSR 81-16-088 filed with the code reviser on August 5, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

These rules are promulgated pursuant to RCW 9.46.020(23) and 9.46.070(14) and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

By Wallace R. Edwards
Chairman

AMENDATORY SECTION (Amending Order No. 102, filed 5/12/80)

WAC 230-25-030 FUND RAISING EVENT - FIVE THOUSAND DOLLARS ANNUAL NET RECEIPT MAXIMUM. (1) No licensee authorized to conduct one fund raising event for a period of ~~((three consecutive days))~~ seventy-two consecutive hours once during a calendar year shall conduct such an event in such a manner as to allow the total of all gross wagers and bets received by the licensee, less the amount of money paid or committed by the licensee as winnings, and for the purchase cost of prizes given as winnings, to exceed five thousand dollars at the conclusion of such fund raising event.

(2) No licensee authorized to conduct a fund raising event on two occasions during a calendar year for not more than ~~((one calendar day))~~ twenty-four consecutive

hours each shall conduct such event in any manner so as to allow the total of all gross wagers and bets received by the licensee, less the amount of money paid by the licensee as winnings and for the purchase cost of prizes given as winnings to exceed five thousand dollars either at the end of any ~~((calendar day))~~ twenty-four consecutive hours upon which such event is conducted, or during the calendar year in which such activity is authorized.

(3) The licensee shall develop and post conspicuously and in detail in the area in which the gambling is taking place a scheme for the distribution to the participants of any receipts beyond those permitted to the organization by this rule, and shall offer all participants at the event an equal opportunity to participate in such scheme. The scheme must provide for such distribution to be money, payable to the winner by a check. The scheme may provide for such distribution to be of more money ~~((or equivalent prizes;))~~ than is necessary to ensure that the licensee will not retain greater receipts than are permitted by law, but, at minimum, must ensure that the limit is not exceeded. The proposed scheme shall be clearly and fully set out and submitted with the application to the commission for a license to conduct the fund raising event.

(4) Winners of all prizes shall be determined during the fund raising event. All cash prizes shall be paid by check, and merchandise prizes ~~((or))~~ distributed to the winners not later than 30 calendar days following the conclusion of the event.

Reviser's Note: RCW 34.04.058 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

AMENDATORY SECTION (Amending Order No. 102, filed 5/12/80)

WAC 230-25-033 FUND RAISING EVENTS ON NEW YEAR'S EVE EXTENDING PAST MIDNIGHT. For the purposes of computing and applying limitations in chapter 9.46 RCW and these rules upon income to the licensee and upon the number of events, or ~~((days))~~ consecutive hours in such events, in a calendar year, a ~~((multi-day))~~ fund raising event which (1) includes any part of December 31 ~~((less than the full calendar day))~~, and (2) continues past midnight into the new calendar year, shall be treated as if each ~~((day))~~ hour of the event ~~((or portion thereof;))~~ had been held solely in the ~~((new))~~ calendar year designated by the licensee upon the license application submitted to the commission for the event.

~~((A class B license is required to conduct such an event since at least two calendar days are involved. The licensee may hold no other fund raising event at any time during that new calendar year, except as may be permitted by application of this rule.))~~

AMENDATORY SECTION (Amending Order No. 87, filed 10/20/78)

WAC 230-25-040 FUND RAISING EVENT - HOUSE RULES TO BE DEVELOPED AND POSTED - LIMITATIONS ON WAGERS. Prior to conducting a fund raising event, each licensee shall develop

a set of house rules which will govern the type, scope and manner of all gambling activities to be conducted in conjunction with the fund raising event. Among other information, these rules shall establish the maximum amount of wagers which may be placed by persons participating in gambling activities which in any event shall not exceed ten dollars being wagered upon the outcome of any one operation of an element of chance ~~((PROVIDED, HOWEVER, That this limit shall not apply to the amount paid for each single and equal chance to win in a drawing from among individual tickets))~~.

In addition, the rules shall prohibit the giving of any thing of value to any person involved in the management or operation of the fund raising event, and prohibit any person involved in the management or operation of the fund raising event from accepting any thing of value.

A copy of the rules shall be posted conspicuously on the premises where the fund raising event is being conducted at all times during the fund raising event, and a copy thereof shall be made available, upon request, to any law enforcement officer or representative of the commission.

AMENDATORY SECTION (Amending Order No. 87, filed 10/20/78)

WAC 230-25-070 FUND RAISING EVENTS - CENTRAL ACCOUNTING SYSTEM REQUIRED. Each licensee for the operation of fund raising events shall establish and maintain a central accounting system in a form prescribed by the commission for all activities conducted ~~((in conjunction with))~~ at the fund raising event. Licensees shall obtain accounting forms from the commission, or use machine copies of such forms.

Such system shall contain, but not be limited to, the following items:

(1) There shall be adequate personnel and physical areas to provide for the following minimum separation of duties:

(a) A banker, cashier, or count room to handle the original bankroll, provide coin ~~((and/))~~ or chips to the games, ~~((and))~~ redeem chips and cash checks for the players;

(b) A runner to transport money, chips and lock boxes between stations of the event;

(c) Pit bosses, each of whom shall supervise the operation of not more than six gambling stations and who shall supervise the transfer of lock boxes and chips/change trays to the count room;

(d) An area for the counting of money which is segregated from the area in which gambling is conducted. All money received in connection with the fund raising event shall be brought to this area for counting. Once any such money has been brought to this area, three persons shall be assigned to the count area with a minimum of two in the counting area at all times.

(2) The beginning bankroll shall be verified by at least two persons who shall sign such verification.

(3) There shall be documentation containing verifying signatures for the transfer of money between any two stations of the event.

(a) All count/fill slips shall be used sequentially. VOIDED count/fill slips will be signed by two persons and retained with accounting records.

(b) ALL UNUSED count/fill slips shall be retained along with all other count/fill slips as part of that fund raising event's accounting records.

(4) All games shall be numbered and provided with lock boxes and money paddles. The money paddle shall remain in the lock box slot whenever it is not in use. The money slot of the lock box shall not exceed three and one-half inches in length and one-half inch in width.

(5) The keys to all lock boxes are to be kept in the count room at all times and the lock boxes are to be opened only in the count room by the count room personnel.

(6) All games are to be played using coin or chips and all currency tendered by the players shall be exchanged for coin or chips and immediately placed in the lock box by the dealer.

(7) All money and chips shall be transferred to the count room at the end of the day or event for final tabulation, reconciliation, and verification.

(8) The final tabulation and reconciliation shall be verified by at least three count room personnel who shall sign such verification.

(9) Access to the count room and the bankers and ~~(/or)~~ cashier's areas shall be restricted to the persons assigned to those functions and to the runner(s) who transport money or chips to or from those stations.

(10) Records shall provide sufficient detail to determine the net receipts of each activity conducted.

(11) The records shall contain a reconciliation of the ending cash on hand to net receipts.

(12) The ending cash on hand shall be deposited intact ((at)) within two banking days of the conclusion of the event, and a validated deposit slip shall be included as part of the event records. There shall be no expenditure of any kind made from the ending cash prior to deposit. However, this subsection shall not prohibit a licensee from exchanging its ending currency and coin for a check of equal value to reduce the risk and exposure of carrying or storing large amounts of money.

((PROVIDED, That the above requirements)) This section shall not apply to those licensees whose receipts from the fund raising event are limited to an admission charge or charge for a ticket, or tickets, to a drawing and who

(a) Conduct all activities with script, play money, or similar items which are redeemable only for merchandise prizes; and

(b) Who award only merchandise prizes that have been purchased by or donated to the licensee.

These licensees need only comply with WAC 230-08-010 and record their net receipts in sufficient detail to verify these amounts.

Reviser's Note: Errors of punctuation or spelling in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

AMENDATORY SECTION (Amending Order No. 99, filed 2/25/80)

WAC 230-25-100 FUND RAISING EVENTS - LEASING OF PREMISES OF RETAIL BUSINESS - CONDITIONS. Fund raising events shall not be operated upon a premises part of a retail sales or service business catering to the public except when:

(1) ~~((When))~~ the room or other portion of the premises in which the fund raising event is being conducted is separate and apart from the portion being used for the retail sales or service business; ~~((or))~~

(2) ~~((When))~~ the business is closed to the public at all times during which the fund raising event is conducted on the premises; or

(3) ~~((When))~~ the fund raising event is being conducted upon the premises of a bona fide charitable or bona fide nonprofit organization which is not also being used for a profit seeking business.

No licensee shall conduct a fund raising event on or within any portion of a retail premise during the period any other fund raising event is being conducted on or within any portion of that retail premise.

As used in this rule, separate and apart means a permanent or temporary partition which provides a solid, distinct separation between the portion of the room or premises in which the fund raising event is being conducted and the portion of the room or premises being used for the retail sales or service business and which limits the flow between the fund raising event and the retail sales or service business to not more than two designated openings.

In all cases the fund raising event operator must have, and exercise, complete control over that portion of the premises being used for the fund raising event, at all times said event is being conducted: PROVIDED, HOWEVER, That at all times when the sale, service or consumption of intoxicating liquor is permitted in said portion of the premises, the responsibility for compliance with liquor laws and regulations shall also be that of the liquor licensee or permittee.

The owner, manager or any employee of the retail sales or service establishment may not be an officer of the fund raising event operator or participate in the operation of the fund raising event on that premises, and no gambling activities, nor any part or facet of the operation or play of any gambling activity, may be conducted by the retail sales or service establishment or allowed by the operators of the fund raising event in any portion of the premises which is being used for the fund raising event.

AMENDATORY SECTION (Amending Order No. 93, filed 10/19/79)

WAC 230-25-120 LIMITS UPON AMOUNT FOR RENT, LEASE OR SIMILAR PAYMENTS FOR FUND RAISING EVENTS. No licensee shall expend for rent or lease (or similar arrangements) of premises in which to hold a fund raising event, or for any equipment or service in connection with the fund

raising event, an amount that exceeds the local prevailing or market price for such premises, equipment or service.

Maximum rental limits shall be:

(1) Premises and Other Goods or Services: Not more than two hundred dollars for all, or any portion, of any twenty-four hour period.

This maximum fee shall include in addition to the use of the premises themselves any and all goods or services of any kind furnished by the person renting the premises to the licensee, or furnished by anyone with a substantial interest in, or immediate family relationship with, that person: PROVIDED, That the limit shall not include (a) fees for gambling equipment which are governed by the maximums set out in (2) below; or (b) charges for food or drink to the licensee or patrons of the fund raising event when the purchase of such food or drink is not, directly or indirectly, a condition of rental of the premises and the licensee may elect to bring in food and drink from an outside source.

(2) Gambling Devices and Equipment: (a) Not more than three hundred and fifty dollars for all, or any portion of, the first twenty-four hour period for all gambling devices and related equipment to conduct the event, including, but not limited to, cards, dice, cash boxes, shoes, chips, delivery thereof and any schooling in its use.

(b) Not more than two hundred dollars for each succeeding twenty-four hour period, or any portion thereof, for the same kinds of items set out in (a) above.

(3) Individual Gambling Station: (a) Not more than twenty-five dollars for all of the equipment needed to set up each single specific gambling station (such as a single twenty-one table), except for a craps table or a roulette wheel station which shall not exceed \$50 or for a station showing horse racing films with advance betting on the outcome of the races which shall not exceed \$250, for the first twenty-four hour period, or any portion thereof, including, but not limited to, the equipment, delivery and schooling in its use, to an overall maximum for all items of \$350, as set out in (2)(a) above.

(b) Not more than fifteen dollars for each successive twenty-four hour period or any portion thereof, for the equipment needed to establish each single specific gambling station as set out in (a) above, to an overall maximum of \$200 as set out in (2)(b) above.

(4) The maximum charges or limits set out in subsections (1) through (3) above include any amount paid to reserve the use of applicable premises, services or equipment.

No more than 50% of the total allowable fees or charges may be paid in advance of the event. Advance payment shall be made only by check which shall not be drawn or paid more than 90 days prior to the event.

The limits in subsections (2) and (3) above shall not apply to expenditures by the licensee for purchases outright, or construction by the licensee of, gambling equipment.

AMENDATORY SECTION (Amending Order No. 83, filed 3/16/78)

WAC 230-25-220 RAFFLES OR SIMILAR LOTTERIES CONDUCTED AT FUND RAISING EVENTS. (1) No sales of tickets or drawing(s) in any raffle or similar lottery wherein the winner or winners are chosen by the drawing of a ticket or other card or device shall be done at, or in connection with, a licensed fund raising event unless all aspects of the raffle or similar lottery are done only at the fund raising event.

(2) If any ticket or card or device for a raffle or similar lottery is sold, or any drawing for a raffle or similar lottery held, other than at and during a licensed fund raising event then no portion of the raffle or similar lottery shall be conducted at or during any licensed fund raising event, nor shall the raffle or similar lottery be considered as being held under the license for any such fund raising event.

(3) Raffles or other similar lotteries wherein the winner or winners are chosen by the drawing of a ticket or other card or device conducted at, or as a part of, a licensed fund raising event authorized under RCW 9.46.030(1) shall be treated as conducted solely pursuant to the license to conduct that fund raising event. All income, prizes awarded, and other expenses shall be accounted for, and reported to the commission, as required for fund raising events and shall not be reported, or accounted for, as required for raffles conducted under a raffle license issued by the commission, or under a different statutory authority: PROVIDED, That the requirements of WAC 230-20-100 applicable to raffles shall be applicable to all such lotteries.

Income from raffles or other lotteries conducted at, or as a part of, such a fund raising event shall be applied only against the maximum income permitted for fund raising events and shall not be applied against other maximum income limits imposed by chapter 9.46 RCW or the commission's rules.

(4) All of the commission's rules applicable to the conduct of raffles, whether general or specific, shall apply to the conduct of raffles and to the conduct of other similar lotteries wherein the winner or winners are chosen by the drawing of a ticket or similar card or device at, or as a part of, a fund raising event, except as provided in subsection (3) above and except the following rules which shall not be applicable:

- (a) WAC 230-20-340;
- (b) WAC 230-20-350;
- (c) WAC 230-20-150(;;)
- ~~((d) WAC 230-20-300)).~~

(5) Subsections (1) through (4) above shall not be applicable where a drawing is held during a fund raising event for a raffle conducted pursuant to a raffle license issued by the commission subject to all the commission's rules applicable to such raffles, and all tickets for said raffle are sold, and deposited into the drawing container prior to the beginning of the fund raising event.

AMENDATORY SECTION (Amending Order No. 87, filed 10/20/78)

WAC 230-25-235 FUND RAISING EVENT - RULES FOR BLACKJACK. The game of "21" (blackjack) when played as part of a licensed fund raising event shall be played in conformance with the following:

(1) Cards shall be dealt from a dealing shoe. The deal shall begin with the shoe containing four full decks of cards and proceed until, in the dealer's judgment, the cards should be reshuffled or the cards withdrawn for examination and/or replaced. The shoe shall then be re-filled with four decks of cards and the process repeated.

(2) All cards shall be dealt to the players face up.

(3) Players are not to remove or pick up cards from the table and will not "shuffle" or "cut" the cards.

(4) Only "standard size" playing cards shall be used.

(5) Cards may be shuffled using a device, apparatus, or mechanism. No device, apparatus, mechanism or thing which may give a participant in a card game an advantage over any other participant in that game may be used by any organization or person.

AMENDATORY SECTION (Amending Order No. 88, filed 12/18/78)

WAC 230-25-265 FUND RAISING EVENT - REGULAR SALARY FOR LICENSEE'S EMPLOYEE NOT (~~"COMPENSATION"~~) "PAYMENT" FOR WORK ON FUND RAISING EVENT UNDER CERTAIN CONDITIONS. The salary of a regular and full time employee, or a regular but part time employee if the organization has employed a person in that part time position for the past three consecutive years, of an organization licensed to conduct fund raising events shall not be deemed (~~"compensation"~~) "payment" (as ~~(that)~~ the term "paid" is used in RCW 9.46.020(23)) for work performed by the employee in connection with a fund raising event conducted by that organization when all of the following conditions are met:

(1) The position held by the employee has been created for purposes unrelated to the conduct of fund raising events and requires the performance of duties unrelated to fund raising events year around. The employee's contribution to fund raising events must be an incidental part of his or her total duties, consisting of less than 1% of total time worked for the organization; and

(2) The employee is paid on a recurring basis on a regular and established rate throughout the calendar year, unrelated to the income produced by any fund raising event; and

(3) The employee does not operate any gambling game or lottery at any fund raising event conducted by the organization but confines his or her services in connection with the event to assisting the organization's other members with the overall planning and organization of the event and with supervision of the supporting services for the event. HOWEVER, such an employee who is also a bona fide member of the organization or its bona fide auxiliary and is not otherwise scheduled for duty in his or her assigned employee duties at the time

the fund raising event is to be held may participate in the conduct of the fund raising event as a bona fide member as set out in WAC 230-25-260.

Reviser's Note: RCW 34.04.058 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

NEW SECTION

WAC 230-25-315 WORKERS TO WEAR IDENTIFICATION TABS. Each licensee conducting a fund raising event shall furnish to each person participating in the management or operation of the event an identification tag which at minimum shall contain that person's name and designation of licensee organization. The licensee shall cause each such person to wear this tag at all times when the person is working at the fund raising event. The tag shall be worn in plain view so as to be easily seen and read by persons participating in the event. The type and style of tag shall be the option of the licensee.

NEW SECTION

WAC 230-25-320 LIMITS FOR OPERATION AND PARTICIPATION IN FUND RAISING EVENTS. No person under the age of eighteen years of age, and no person intoxicated or under the influence of any drug or substance shall be allowed to participate in the operation or management, or participate as a player, at any fund raising event.

REPEALER

The following sections of the Washington Administrative Code are repealed:

(1) WAC 230-25-035 RECREATIONAL FUND RAISING EVENT.

(2) WAC 230-25-071 FUND RAISING EVENT - DEFINITIONS OF JOB TITLES.

WSR 81-19-073**ADOPTED RULES****GAMBLING COMMISSION**

[Order 112—Filed September 15, 1981]

Be it resolved by the Washington State Gambling Commission, acting at Olympia, Washington, that it does promulgate and adopt the annexed rules relating to the amending of WAC 230-04-200, 230-30-080 and 230-40-120; and adding new section WAC 230-04-325.

This action is taken pursuant to Notice No. WSR 81-16-087 filed with the code reviser on August 5, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

WAC 230-04-200 is promulgated pursuant to RCW 9.46.070(5), WAC 230-04-325 is promulgated pursuant to RCW 9.46.070(5), 9.46.020(23) and 9.46.070(14), WAC 230-30-080 is promulgated pursuant to RCW 9.46.070(14) and WAC 230-40-120 is promulgated

pursuant to RCW 9.46.070(11) and are intended to administratively implement those statutes.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.

By Wallace R. Edwards
Chairman

AMENDATORY SECTION (Amending Order No. 109, filed 6/15/81)

WAC 230-04-200 LICENSE FEES. The following fees shall be paid to the commission for licenses, and permits, issued by the commission. For the operation of:

(1) BINGO

(a) Class A - five hundred dollars or less annual net receipts - \$25.

(b) Class B - over five hundred dollars through five thousand dollars annual net receipts - \$75.

(c) Class C - over five thousand dollars through fifteen thousand dollars annual net receipts - \$300.

(d) Class D - over fifteen thousand dollars through twenty-five thousand dollars annual net receipts - \$500.

(e) Class E - over twenty-five thousand dollars through fifty thousand dollars annual net receipts - \$1000.

(f) Class F - over fifty thousand dollars through one hundred thousand dollars annual net receipts - \$2000.

(g) Class G - over one hundred thousand dollars through five hundred thousand dollars annual net receipts - \$4000.

(h) Class H - over five hundred thousand dollars through seven hundred fifty thousand dollars annual net receipts - \$5500.

(i) Class I - over seven hundred fifty thousand dollars through one million dollars annual net receipts - \$8000.

(j) Class J - over one million dollars annual net receipts - \$11,000.

(2) RAFFLES

(a) Class C - five hundred dollars or less annual net receipts - \$25.

(b) Class D - over five hundred dollars but not over five thousand dollars, annual net receipts - \$75.

(c) Class E - over five thousand dollars through fifteen thousand dollars annual net receipts - \$300.

(d) Class F - over fifteen thousand dollars annual net receipts - \$500.

(3) AMUSEMENT GAMES - by bona fide charitable or bona fide nonprofit organizations.

(a) Class A - five hundred dollars or less annual net receipts - \$25.

(b) Class B - over five hundred dollars through one thousand dollars annual net receipts - \$30.

(c) Class C - over one thousand dollars through five thousand dollars annual net receipts - \$50.

(d) Class D - over five thousand dollars through fifteen thousand dollars annual net receipts - \$200.

(e) Class E - over fifteen thousand dollars annual net receipts - \$350.

(4) FUND RAISING EVENT (license year) - by bona fide charitable or bona fide nonprofit organizations.

(a) Class A-1 - one event, ~~((one calendar day))~~ twenty-four consecutive hours - \$200.

(b) ~~((Class A-1R - one event, one calendar day = recreational = \$5.~~

~~(c))~~ Class A-2 - not more than two events, ~~((one calendar day))~~ twenty-four consecutive hours each - \$400.

~~((d))~~ (c) Class B-1 - one event, not more than ~~((three calendar days))~~ seventy-two consecutive hours - \$300.

~~((e) Class B-1R - one event, not more than three calendar days = recreational = \$10.))~~

(5) SPECIAL LOCATION AMUSEMENT GAMES - other than bona fide charitable or bona fide nonprofit organizations.

(a) Class A - one event per year lasting no more than 12 consecutive days - \$500.

(b) Class B - twenty-five thousand dollars or less annual net receipts - \$500.

(c) Class C - over twenty-five thousand dollars through one hundred thousand dollars annual net receipts - \$1500.

(d) Class D - over one hundred thousand dollars through five hundred thousand dollars annual net receipts - \$3000.

(e) Class E - over five hundred thousand dollars annual net receipts - \$5000.

(6) CARD GAMES - bona fide charitable and nonprofit organizations.

(a) Class A - general (fee to play charged) - \$500.

(b) Class B - limited card games - to hearts, rummy, pitch, pinochle, coon-can and/or cribbage (fee to play charged) - \$100.

(c) Class C - tournament only (no more than ten consecutive days) per tournament - \$35.

(d) Class D - general (no fee is charged a player to play cards) - \$35.

(e) Class R - primarily for recreational purposes and meets the standards of WAC 230-04-199 - \$10.

(7) CARD GAMES - commercial stimulant - each licensee per premises.

~~((b))~~ (a) Class B - limited card games to hearts, rummy, pitch, pinochle, coon-can and/or cribbage (fee to play charged) - \$100.

~~((c))~~ (b) Class C - tournament only (no more than ten consecutive days) - per tournament - \$100.

~~((d))~~ (c) Class D - general (no fee is charged a player to play cards) - \$35.

~~((e))~~ (d) Class E - general.

(i) up to five tables - \$2000

(ii) up to four tables - \$1500

(iii) up to three tables - \$750

(iv) up to two tables - \$500

(v) one table only - \$250.

(8) PUBLIC CARD ROOM EMPLOYEE - each licensee - \$100, each renewal - \$50.

(9) PERMITS - for operation by persons of authorized activity at agricultural fair or special property.

- (a) Class A – one location and event only – \$10.
- (b) Class B – annual permit for specified different events and locations – \$100.
- (10) PUNCHBOARDS AND PULL TABS – each licensee, per premises – \$150.
- (11) Manufacturer license – \$1250.
- (12) Distributor license – \$1000.
- (13) Distributor's representative license – \$150, renewal – \$75.
- (14) Manufacturer's representative license – \$150, renewal – \$75.

The term annual net receipts as used above means net receipts from the activity licensed only, during the license year.

Reviser's Note: RCW 34.04.058 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

NEW SECTION

WAC 230-04-325 CANCELLATION, CHANGE OF DATE OR LOCATION OF FUND RAISING EVENT. A cancellation or a change in date and/or location of a fund raising event as defined in RCW 9.46-.020 requires:

- (1) For cancellation, the licensee shall notify the commission and the appropriate law enforcement agency in advance of the date upon which the event is scheduled.
- (2) For change of date or location, the licensee shall:
 - (a) Give at least ten days written notice to the commission in advance of the new date or location, together with a signed statement from the chief executive officer that the appropriate law enforcement agency has been notified of the change;
 - (b) Pay a fee of twenty dollars to the commission for each such date or location change.
- (3) For a cancellation or change in date and/or location, the permit form authorizing the event for the specific date or location shall be returned to the commission.

AMENDATORY SECTION (Amending Order No. 90, filed 6/14/79)

WAC 230-30-080 LIMITATION ON PULL TAB DISPENSING DEVICES. (1) No pull tabs shall be placed out for public play unless the total number of pull tabs originally in the series shall be clearly disclosed on the face of the flare advertising the prizes available from that series of pull tabs.

- (2) No pull tab shall be added to a series of pull tabs after that series has been shipped from its place of manufacture.
- (3) No pull tab series, or any portion thereof, shall be placed in, or if a spindle upon, any pull tab dispensing device until any other series of pull tabs previously in, or upon, the device has been played out or permanently removed from public play.
- (4) No pull tab once placed in, or if a spindle upon, a pull tab dispensing device out for public play shall be removed from the dispensing device until the series is permanently removed from public play, except only:

- (a) Those pull tabs actually played by consumers,
 - (b) Those pull tabs removed by representatives of the commission, or other law enforcement agency inspecting the device, and
 - (c) Those tabs temporarily removed during necessary repair or maintenance of the device.
- Excepting only tabs removed under (b) and (c) hereinabove, once a pull tab has been removed from public play it shall not again be put out for public play.
- (5) No person shall put out any pull tab series for public play unless the series of pull tabs is wholly contained within, or if a spindle upon, the device used for dispensing that series.

(6) No person shall sell or transfer to another person in this state, or for use within this state, or shall place out for public play any device for the dispensing of pull tabs not so constructed as to allow a consumer to clearly see each pull tab within, or if a spindle upon, the device prior to playing the device. However, a metal plate, not to exceed 3/4 inch in height, may be affixed across the front at the bottom of the dispensing columns of a mechanical pull tab dispensing device.

(7) No person shall sell or transfer to any other person in this state, or for use within this state, or put out for public play any device for the dispensing of pull tabs without permanent lines or markings on the face of the device and clearly visible to the consumer which effectively divide the tabs remaining in the device into divisions of approximately 25 tabs so that the consumer can determine how many tabs remain within the device.

(8) No person shall put out for public play any device for the dispensing of pull tabs which is not so constructed as to provide for at least one selection position for every 400 pull tabs originally in the series in play in the machine.

The following schedule shall be followed in the enforcement of this subsection:

MINIMUM NUMBER OF TABS FROM WHICH SELECTION MUST BE AVAILABLE	THE NUMBER OF TABS ORIGINALLY IN SERIES OF PLAY
1	1-400
2	401-800
3	801-1200
4	1201-1600
5	1601-2000
6	2001-2400
7	2401-2800
8	2801-3200
9	3201-3600
10	3601-4000

(9) No person shall sell or transfer to another person in this state, or for use within this state, or put out for public play, any pull tab series which contains more than 4000 individual pull tabs.

AMENDATORY SECTION (Amending Order No. 98, filed 2/25/80)

WAC 230-40-120 LIMITS ON WAGERS IN CARD GAMES. The following limits shall not be exceeded in making wagers on any card game. For games in which the following method of wagering is allowed:

(1) Multiple wagers per player per hand during each round, each wager or raise shall not exceed \$5.00. There shall be no more than a total of two raises per round irrespective of the number of players.

(2) Single wagers per player per hand during each round (no raises), each wager shall not exceed \$5.00.

(3) Single wager per player per game, each wager shall not exceed \$5.00.

(4) Amount per point, each point shall not equal more than five cents in value.

(5) An ante, except for panguingue (pan), shall not be more than twenty-five cents per person per hand to be played, contributed by each player, or the dealer of each hand, subject to house rules, may ante for all players before dealing in an amount not to exceed (~~twenty-five cents per player in that hand~~) \$2.00.

(6) Forced wagers or raises are prohibited except an ante and as they may be expressly included within the definition of poker games set out in WAC 230-40-010 or, for other authorized games not specifically defined by commission rule, within the basic definition of the particular card game in Hoyle's Modern Encyclopedia of Card Games, by Walter B. Gibson, published by Doubleday & Company, Inc., April 1974 edition.

(7) Panguingue (pan) - maximum value of a chip for payoff will not exceed \$1.00. Ante will not exceed one chip. No doubling of conditions. Players going out, may collect not more than two chips from each participating player.

No licensee shall allow these wagering limits to be exceeded in a card game on his premises.

WSR 81-19-074

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-138—Filed September 15, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is Areas 4B, 5, 6, 6A, 6C, 7 and 7A are restricted to protect Fraser River and some Puget Sound adult chinook salmon. Restrictions in Areas 4B, 5 and 6 allow a coho fishery while protecting Fraser River chinook. Areas 6D and the Dungeness River are closed to protect Dungeness River pink salmon and chinook salmon already present. Strait tributaries are closed to protect chinook salmon in those tributaries. Nooksack River is opened because pink salmon have cleared fishing area. Area 7C and the Samish River are closed to protect escapement of Samish Hatchery fall chinook salmon. Area 8 and the Skagit River are closed to protect pink and coho salmon. Areas 6B and 9 are

closed to protect Nisqually, Stillaguamish, and Snohomish pink and various coho salmon stocks. Area 10 closure is modified to ensure accuracy of in-season update and allow treaty harvest of coho allocation. Areas 13 and 13B are restricted to protect Nisqually pink and sockeye. Areas 10C, 10D and the Cedar River are closed to protect Lake Washington sockeye and fall chinook. Portions of Area 12C are closed to protect Hoodport and Dewatto fall chinook. The Elwha River is closed to protect pink salmon. The Stillaguamish and Snohomish Rivers are restricted to protect pink salmon. Analyses of test fishing results show coho management needs now prevail in Area 8A. The boundary change in Area 11A promotes catch reporting compliance by treaty fishermen.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 15, 1981.

By Rolland A. Schmitten
Director

NEW SECTION

WAC 220-28-116 PUGET SOUND COMMERCIAL FISHERY RESTRICTIONS. *Effective immediately until further notice, it is unlawful for treaty Indian fishermen to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:*

Area 4B - Troll-caught chinook under 24 inches in length and troll-caught coho under 16 inches in length must be released. Drift gill nets restricted to 5-7/8-inch maximum mesh when open through September 12, 1981. Effective September 13, 1981, drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 5 - Drift gill nets restricted to 5-7/8-inch maximum mesh when open through September 12, 1981. Effective September 13, 1981, drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 6 - Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6A - Gill nets restricted to 5-7/8-inch maximum mesh, and all other net gear must release chinook salmon over 28 inches when open.

Area 6B - Closed to all commercial net fishing.

Area 6C - Drift gill nets restricted to 5-7/8-inch maximum mesh when open

through September 12, 1981. Effective September 13, 1981, drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 6D - Closed to all commercial fishing.

Areas 7 and 7A - Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 7C - Closed to all commercial fishing.

Area 8 - Closed to all commercial fishing.

Area 9 - Closed to all commercial fishing.

* Area 10 (Excluding that portion east of a line from Alki Point to West Point and that portion east of a line from West Point to Meadow Point) - closed to all commercial fishing except treaty Indian gill nets may fish from 6:00 p.m. Friday, September 18, 1981 to 9:00 p.m. Saturday, September 19, 1981 and treaty Indian purse seines may fish from 5:00 a.m. to 9:00 p.m. Saturday, September 19, 1981.

Area 10A - Closed to all commercial fishing.

Area 10B - Gill nets restricted to 6-1/2-inch minimum mesh when open.

Areas 10C and 10D - Closed to all commercial fishing.

Areas 12C - Closed to all commercial fishing within 1,000 feet of western shore between Hoodspout Marina Dock and Glen Ayr Trailer Park, and within 1/4 mile of a line connecting the outermost points of Dewatto Bay including Dewatto Bay.

Area 13 - Closed to all commercial fishing except in that portion in Hale Passage between the Fox Island Bridge and a line projected from the old ferry dock southeast of Ketner's Point 24 degrees true to the mainland.

Area 13B - Closed to gill net gear. All other gear must immediately release pink salmon and female chinook salmon over 24 inches in length when open.

Puyallup River - Gill nets restricted to 6-inch maximum mesh size when open.

Nisqually River - Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Cedar River - Closed to all commercial fishing.

Duwamish/Green River - Closed to all commercial fishing.

Dungeness River - Closed to all commercial fishing.

Elwha River - Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Stillaguamish River - Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Snohomish River - Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Samish River - Closed to all commercial fishing.

Skagit River - Closed to all commercial fishing, including all tributaries.

Clallam River, Deep Creek, Hoko River, Lyre River, Pysht River, Sail River, Salt Creek, Sekiu River, East Twin River, West Twin River - Closed to all commercial fishing.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-28-115 Puget Sound Commercial Fishery Restrictions (81-135)

WSR 81-19-075

EMERGENCY RULES

DEPARTMENT OF

NATURAL RESOURCES

[Order 368—Filed September 16, 1981]

I, Brian J. Boyle, Commissioner of Public Lands, do promulgate and adopt at Olympia, Washington, the annexed rules relating to the adoption of an emergency rule restricting logging on forest lands under the protection of the Department of Natural Resources in its Northwest Area, shutdown zone 658 in portions of Whatcom, Skagit, and Snohomish counties and in its Southwest Area, shutdown zones 660 and 621 in portions of Skamania, Clark and Cowlitz counties effective midnight, Wednesday, September 16, 1981 until midnight, Thursday, September 17, 1981.

I, Brian J. Boyle, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is due to existing and forecasted weather conditions, the areas listed above as included in the logging restrictions are particularly exposed to fire danger. No one may enter areas of logging slash. Burning permits and burning privileges in zones B and C are also suspended.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 76.04.150, 76.04.190 and 76.04.200 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 16, 1981.

By Brian J. Boyle
Commissioner of Public Lands

NEW SECTION**WAC 332-26-521 COMPLETE LOGGING SHUTDOWN IN PARTS OF WESTERN WASHINGTON UNDER THE PROTECTION OF THE DEPARTMENT OF NATURAL RESOURCES IN PART OF ITS NORTHWEST AND SOUTHWEST AREAS.**

Effective midnight, Wednesday, September 16, 1981 through midnight, Thursday, September 17, 1981, all logging, milling, land clearing, and other industrial operations that may cause a forest fire to start are to be shutdown from midnight to midnight.

DNR shutdown zones affect by this restriction are zone 658 in parts of Whatcom, Skagit, and Snohomish counties and zones 660 and 621 in parts of Cowlitz, Clark, and Skamania counties.

During the shutdown period, all persons are excluded from logging operating areas and areas of logging slash-ing except those persons present in the interest of fire protection.

Burning permits in burning permit zones B and C are cancelled in the above zones during the shutdown.

These restrictions apply to those lands protected by the Department of Natural Resources in western Washington.

WSR 81-19-076**ATTORNEY GENERAL OPINION****Cite as: AGLO 1981 No. 26**

[September 15, 1981]

LEGISLATURE—ADMINISTRATIVE LAW—LAW AGAINST DISCRIMINATION—EFFECTIVE DATE OF CHAPTER 259, LAWS OF 1981

(1) The effective date of §§ 2, 3 and 4 of chapter 259, Laws of 1981, relating to the appointment of administrative law judges to hear complaints filed pursuant to the state law against discrimination (chapter 49.60 RCW) is July 1, 1982.

(2) The legal authority to appoint such administrative law judges for the Washington State Human Rights Commission is vested in the chief administrative law judge who is appointed by the Governor in accordance with § 12(1), chapter 67, Laws of 1981.

Requested by:

Honorable Raleigh Lewis
Executive Secretary
Human Rights Commission
402 Evergreen Plaza Building
Olympia, Washington 98504

WSR 81-19-077**EMERGENCY RULES****DEPARTMENT OF FISHERIES**

[Order 81-137—Filed September 16, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use angling rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order allows a sport fishery on harvestable pink salmon in the Puyallup River, and precludes over harvest of chinook salmon.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 16, 1981.

By Rolland A. Schmitten

Director

NEW SECTION

WAC 220-57-37000B PUYALLUP RIVER Notwithstanding the provisions of WAC 220-57-370:

(1) *Effective immediately through November 30, 1981 it is lawful to take, fish for and possess salmon, including pink salmon, for personal use in that portion of the Puyallup River downstream from the mouth of the Carbon River to the 11th Street Bridge. BAG LIMIT: B.*

(2) *Effective immediately until further notice, it is unlawful to take, fish for or possess chinook salmon over 28 inches in length from the waters of the Puyallup River.*

REPEALER

The following sections of the Washington Administrative Code are repealed:

WAC 220-57-37000A PUYALLUP RIVER (81-60)

WAC 220-57-37000A PUYALLUP RIVER (81-70)

WSR 81-19-078
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-139—Filed September 16, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order is adopted pursuant to RCW 75.04.060.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 16, 1981.

By Rolland A. Schmitten
 Director

NEW SECTION

WAC 220-47-923 COMMERCIAL SOCKEYE AND PINK SALMON FISHERY (1) *Effective September 15 through September 18, 1981, commercial sockeye and pink salmon fishing rules of the United States Department of Commerce, as adopted by Order 81-48 of the Director of Fisheries and as published in the Federal Register June 25, 1981, are superseded in part by this section.*

(2) *It is unlawful to take, fish for or possess sockeye and pink salmon for commercial purposes in Puget Sound Management and Catch Reporting Area 7A westerly of a line from the West Point Roberts light to the East Point Light on Saturna Island.*

(3) *It is unlawful to take, fish for or possess sockeye and pink salmon for commercial purposes in Puget Sound Salmon Management and Catch Reporting Areas 6, 6A, 7, 7A (except as noted in #2 above) and 7D except as follows:*

Reef Nets

Wednesday, September 16, 1981 6:00 A.M. to 8:30 P.M.

Thursday, September 17, 1981 5:00 A.M. to 9:00 P.M.

Gill Nets

6:00 P.M. Wednesday, September 16, 1981, to 9:00 A.M. Thursday, September 17, 1981.

6:00 P.M. Thursday, September 17, 1981 to 9:00 A.M. Friday, September 18, 1981.

Purse Seines

Thursday, September 17, 1981 5:00 A.M. to 9:00 P.M.

Friday, September 18, 1981 5:00 A.M. to 9:00 P.M.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-47-922 COMMERCIAL SOCKEYE AND PINK SALMON FISHERY (81-131)

WSR 81-19-079
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-140—Filed September 16, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order protects chinook salmon in the upper Kalama River.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 16, 1981.

By Rolland A. Schmitten
 Director

NEW SECTION

WAC 220-57-31000D KALAMA RIVER (1) *Notwithstanding the provisions of WAC 220-57-310, that portion of the Kalama River from the Modrow bridge to a point 200 feet above the temporary Department of Fisheries rack is open to personal use fishing.*

(2) *Notwithstanding the provisions of WAC 220-57-310 and WAC 220-57-16000M, effective immediately through November 30, 1981, chinook salmon over 24 inches must be released if caught in that portion of the Kalama River downstream from a point 1,000 feet below*

the fishway at the upper salmon hatchery to the location of the temporary rack just below the Modrow bridge.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-57-31000C KALAMA RIVER - OPEN AREA AND BAG LIMIT. (81-121)

**WSR 81-19-080
EMERGENCY RULES
DEPARTMENT OF FISHERIES
[Order 81-141—Filed September 16, 1981]**

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order is necessary to close a disorderly-sport fishery and ensure escapement to the Samish Hatchery. IPSFC has relinquished control of Areas 5 and 6C.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 16, 1981.

By Rolland A. Schmitten
Director

NEW SECTION

WAC 220-57-40500E SAMISH RIVER. *Notwithstanding the provisions of WAC 220-57-405, effective 12:01 A.M. September 18, 1981 until further notice, it is unlawful to take, fish for or possess salmon for personal use from the waters of the Samish River.*

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-24-02000L UNLAWFUL ACTS—TROLL. (81-104)

WSR 81-19-081

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-142—Filed September 16, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is Areas 4B, 5, 6, 6A, 6C, 7 and 7A are restricted to protect Fraser River chinook salmon. Areas 6D and the Dungeness river are closed to protect Dungeness River pink and chinook salmon. Strait tributaries are closed to protect chinook salmon in those tributaries. Area 7C and the Samish River are closed to protect escapement of Samish Hatchery fall chinook salmon. Area 8 and the Skagit River are closed to protect chinook, pink and coho salmon. Areas 6B and 9 are closed to maintain integrity of terminal area coho updates. Area 10 closure is modified to ensure accuracy of in-season update and allow treaty harvest of coho allocation. Area 10A and Duwamish-Green River is closed to protect chinook salmon. Area 13 is closed to protect Nisqually pink and South Sound chinook stocks. Area 13B is restricted to protect South Sound chinook stocks. The Puyallup River is restricted to protect fall chinook salmon. The Nisqually River is restricted to protect pink salmon. Areas 10C, 10D and the Cedar River are closed to protect Lake Washington sockeye and fall chinook. Area 10B is restricted to protect Lake Washington sockeye. Portions of Area 12C are closed to protect Hoodport and Dewatto fall chinook. The Elwha River is restricted to protect pink salmon. The Stillaguamish and Snohomish Rivers are restricted to protect pink salmon.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 16, 1981.

By Rolland A. Schmitten
Director

NEW SECTION

WAC 220-28-117 PUGET SOUND COMMERCIAL FISHERY RESTRICTIONS. *Effective immediately until further notice, it is unlawful for treaty Indian*

fishermen to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:

* Area 4B – Troll-caught chinook under 24 inches in length and troll-caught coho under 16 inches in length must be released. Drift gill nets restricted to 6-1/2-inch maximum mesh when open.

* Area 5 – Drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 6 – Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 6A – Gill nets restricted to 5-7/8-inch maximum mesh, and all other net gear must release chinook salmon over 28 inches when open.

Area 6B – Closed to all commercial net fishing.

* Area 6C – Drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 6D – Closed to all commercial fishing.

Areas 7 and 7A – Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 7C – Closed to all commercial fishing.

Area 8 – Closed to all commercial fishing.

Area 9 – Closed to all commercial fishing.

* Area 10 (excluding that portion east of a line from Alki Point to West Point to Meadow Point) – closed to all commercial fishing except treaty Indian gill nets may fish from 6:00 p.m. Friday, September 18, 1981 to 9:00 p.m. Saturday, September 19, 1981 and treaty Indian purse seines may fish from 5:00 a.m. to 9:00 p.m. Saturday, September 19, 1981.

Area 10A – Closed to all commercial fishing.

Area 10B – Gill nets restricted to 6-1/2-inch minimum mesh when open.

Areas 10C and 10D – Closed to all commercial fishing.

Areas 12C – Closed to all commercial fishing within 1,000 feet of western shore between Hoodspout Marina Dock and Glen Ayr Trailer Park, and within 1/4 mile of a line connecting the outermost points of Dewatto Bay including Dewatto Bay.

Area 13 – Closed to all commercial fishing except in that portion in Hale Passage between the Fox Island Bridge and a line projected from the old ferry dock southeast of Ketner's Point 24 degrees true to the mainland.

* Area 13B – Closed to gill net gear. All other gear must immediately release female chinook salmon over 24 inches in length and pink salmon when open.

Puyallup River – Gill nets restricted to 6-inch maximum mesh size when open.

Nisqually River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Cedar River – Closed to all commercial fishing.

Duwamish/Green River – Closed to all commercial fishing.

Dungeness River – Closed to all commercial fishing.

Elwha River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Stillaguamish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Snohomish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Samish River – Closed to all commercial fishing.

* Skagit River, including all tributaries – Closed to all commercial fishing.

Clallam River, Deep Creek, Hoko River, Lyre River, Pysht River, Sail River, Salt Creek, Sekiu River, East Twin River, West

Twin River – Closed to all commercial fishing.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-28-116 Puget Sound Commercial Fishery Restrictions (81-138)

WSR 81-19-082

EXECUTIVE ORDER

OFFICE OF THE GOVERNOR

[EO 81-17]

ORDERING EXPENDITURE REDUCTIONS IN STATE GENERAL FUND ALLOTMENTS

WHEREAS, the state of Washington is presently facing financial problems unprecedented in terms of either number or magnitude; and

WHEREAS, such problems are directly related to the national economy, inflation, and interest rates—factors beyond the control of state government; and

WHEREAS, record-high real interest rates have had and will continue to have particularly adverse impacts on Washington's timber and housing industry; and

WHEREAS, unemployment nationally is at a level greater than that experienced in 1970-71, and locally is at levels rapidly approaching those of 1970-71; and

WHEREAS, recent past executive, legislative and voter actions have resulted in a substantial erosion of state government's tax base and an assumption of increased financial responsibilities; and

WHEREAS, state government expenditures have remained considerably below the level authorized by the

citizens of the state in Initiative 62 which limited state expenditures; and

WHEREAS, there have been substantial reductions in state expenditure levels; and

WHEREAS, the state is facing a cash shortage that has necessitated the borrowing of funds from private financial institutions; and

WHEREAS, these various financially related problems are not unique to the state of Washington but are commonly found within a large number of other states; and

WHEREAS, state General Fund revenue collections continue to be less than previously estimated and projections based on the most current information available indicate further losses of anticipated revenue; and

WHEREAS, the state must operate with a balanced budget, with expenditures not exceeding revenues for the biennium; and

WHEREAS, positive actions are required to restrict and reduce state General Fund expenditures;

NOW, THEREFORE, I, John Spellman, Governor of the state of Washington, do hereby declare that a financial emergency in the state General Fund exists due to revenues being insufficient to meet anticipated expenditures. Further, as required by law, I do hereby establish an expenditure reduction program for state government. This program will take place immediately this 17th day of September, 1981, and will extend through the current biennium. The following administrative requirements are established to achieve this expenditure reduction program:

1. Basic Reduction . Pursuant to Chapter 43.88 RCW, as amended by Chapter 270 Laws of 1981, I am revising allotments of appropriations from the state General Fund to all state agencies except agencies headed by elected officials but including state General Fund allotments to the superintendent of public instruction for distribution to local school districts in support of statewide programs. Over the remainder of the biennium each affected agency shall reduce its expenditures from the state General Fund by 10.1% of the agency's total biennial state General Fund appropriations.
2. Report of Actual and Potential Reductions . Additionally, pursuant to Article 3, § 5, of the State Constitution and RCW 43.06.010(11), each affected agency shall within three weeks submit to me a report identifying the following:
 - a) the agency's revised allotment schedule conforming to the basic reduction hereby ordered, and the impact of implementing that reduction;

- b) an alternate plan that would reduce the agency's state General Fund expenditures by a total of 20% and the impact of implementing that plan;
- c) proposed recommendations, for consideration by the next legislature, for achieving the best reordering of budget priorities consistent with the 10.1% and 20% reduction levels in state General Fund appropriations.

Detailed instructions necessary to implement this order will be provided to all agencies by the Director of the Office of Financial Management.

I realize the broad implications of this order and its affect on the citizens of this state and will do everything possible to minimize its impact on essential services.

I ask that elected officials not bound by these budget reductions voluntarily reduce their state General Fund expenditures in keeping with this order.

This order supersedes EO 81-16, which is hereby rescinded. All agencies are expected, however, to continue to observe the frugalities encouraged by that order.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the state of Washington to be affixed at Olympia this 17th day of September, A.D., nineteen hundred and eighty-one.

John Spellman

Governor of Washington

BY THE GOVERNOR:

Helen W. Morris

Acting Deputy Secretary of State

**WSR 81-19-083
PROPOSED RULES
DEPARTMENT OF
SOCIAL AND HEALTH SERVICES
(Health)**

[Filed September 17, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Department of Social and Health Services intends to adopt, amend, or repeal rules concerning advanced life support technicians, amending chapter 248-15 WAC.

Correspondence concerning this notice and proposed rules attached should be addressed to:

David A. Hogan, Director
Division of Administration
Department of Social and Health Services
Mailstop OB-33C
Olympia, WA 98504

Interpreters for people with hearing impairments and brailled or taped information for people with visual impairments can be provided. Please contact William B. Pope, Chief, Office of Administrative Regulations, at State Office Building #2, 12th and Franklin, Olympia, Washington, Phone (206) 753-7015, by October 15, 1981. The meeting site is in a location which is barrier free;

that such agency will at 2:00 p.m., Thursday, October 29, 1981, in the North Auditorium, Federal Building, 912 2nd Avenue, Seattle, WA, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 9:00 a.m., Thursday, November 12, 1981, in William B. Pope's Office, 3rd Floor, Office Building #2, 12th and Franklin, Olympia, Washington.

The authority under which these rules are proposed is RCW 18.71.205.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to October 29, 1981, and/or orally at 2:00 p.m., Thursday, October 29, 1981, William B. Pope's Office, 3rd Floor, 12th and Franklin, Olympia, Washington.

Dated: September 14, 1981

By: David A. Hogan
Director, Division of Administration

STATEMENT OF PURPOSE

This statement is filed pursuant to RCW 34.04.045.

Amend: Chapter 248-15 WAC.

Purpose of the rule or rule change is to change certain skill standards and make clarifications in the Advanced Life Support Technician rules.

Statutory Authority: RCW 18.71.205.

Summary of the Rule or Rule Change:

WAC 248-15-020(2)(b) and (f) deletes the phrase "University of Washington's School of Medicine" from the text as this does not conform to RCW 18.71.205(4)(c);

WAC 248-15-020(3) is an editorial change to reflect the correct name of the Emergency Medical Services Committee as amended by chapter 18.73 RCW;

WAC 248-15-030(2)(a) is amended to explain that the form "Application for Training" and letter of approval constitutes a written agreement between a training agency and the department;

WAC 248-15-050(5)(a)(v) changes the mandatory number of indotracheal intubations from three to one per month for both the first and second year of certification;

WAC 248-15-050(5)(b)(iv) changes the frequency of esophageal obturation refresher training from every thirty to ninety days and permits a service to use this method for recertification;

WAC 248-15-080(2)(c) changes the person to recommend certification and recertification from the approved training physician to the approved licensed program director;

WAC 248-15-080(3) explains that certifications are valid only in the county or counties of origin and require

revalidation when a provider moves to a new county with a new medical program director; and

WAC 248-15-091 is a new section which describes how out-of-state individuals may receive Washington certification through reciprocity or challenges of the examination.

Person or persons responsible for the drafting, implementation and enforcement of the rule:

Frederick B. Scott/Howard Farley, Training Supervisor/Head, Emergency Medical Services Section, Mailstop: LB-12E, Phone: 3-2095.

These rules are not necessary as a result of federal laws, federal court decisions or state court decisions.

Agency comments or recommendations, if any, regarding statutory language, implementation, enforcement, and fiscal matters pertaining to the rule: The Emergency Medical Services Committee and the Emergency Medical Services Standards Committee of the Washington State Medical Association proposed these rules and have previously approved the amendment.

AMENDATORY SECTION (Amending Order 1329, filed 8/22/78)

WAC 248-15-020 DEFINITIONS. For the purpose of these rules and regulations, the following words, phrases, and abbreviations shall have the following meanings unless the context clearly indicates otherwise (also see WAC 248-17-020 for additional abbreviations and definitions applicable to this chapter).

(1) "Department" shall mean the department of social and health services.

(2) "Approved licensed physician" shall mean a licensed physician who:

(a) Is knowledgeable in emergency medical services; and

(b) Has been accepted by the department (~~or by the University of Washington's School of Medicine~~) as being qualified to the equivalent certification in advanced cardiac life support training by the American Heart Association; and

(c) Is designated as a physician program director, responsible for coordinating matters pertaining to an advanced life support system; or

(d) Is designated as a training physician, responsible for the training of physician's trained mobile intravenous therapy technicians, physician's trained mobile airway management technicians, or physician's trained mobile intensive care paramedics; or

(e) is designated as a supervising physician, responsible for the control and direction of certified advanced life support personnel in the performance of their duties and who directs such advanced life support personnel by verbal communication or by standing orders; and

(f) Is approved by the department (~~or by the University of Washington's School of Medicine~~) to perform such designated functions in emergency medical services.

(3) "Emergency medical (~~and ambulance review~~) services committee" shall mean that committee appointed by the governor under RCW 18.73.040 which is responsible for advising and assisting the secretary on the identification of the requirements for prehospital emergency medical and ambulance services and practices and the formulation of implementation planning.

(4) "Emergency medical technician" (abbr. EMT) shall mean an individual who is certified according to chapter 18.73 RCW.

(5) "Physician's trained mobile intravenous therapy technician" (abbr. IV Therapy Technician) shall mean an individual who has successfully completed an emergency medical technician training course; has been trained under the supervision of an approved training physician to administer intravenous solutions under written or oral authorization of an approved supervising physician and has been examined and certified as a physician's trained mobile intravenous therapy technician by the department or the University of Washington's School of Medicine.

(6) "Physician's trained mobile airway management technician" (abbr. Airway Management Technician) shall mean an individual who has successfully completed an emergency medical technician training course; has been trained under the supervision of an approved training physician to perform endotracheal airway management and other authorized aids to ventilation under written or oral authorization of an

approved supervising physician and has been examined and certified as a physician's trained mobile airway management technician by the department or the University of Washington's School of Medicine.

(7) "Physician's trained mobile intensive care paramedic" (abbr. Paramedic) shall mean an individual who has successfully completed an emergency medical technician training course; has been trained under the supervision of an approved training physician to carry out all phases of prehospital advanced life support under written or oral authorization of an approved supervising physician and has been examined and certified as a physician's trained mobile intensive care paramedic by the department or the University of Washington's School of Medicine.

(8) "Secretary" shall mean the secretary of the department of social and health services.

(9) "Emergency medical services council" shall mean an organized council of emergency medical services providers recognized by the department of social and health services. The council may represent county or multicounty area.

(10) "Advanced life support technician" shall mean any level of technician certified under RCW 18.71.200.

AMENDATORY SECTION (Amending Order 1329, filed 8/22/78)

WAC 248-15-030 PHYSICIAN'S TRAINED MOBILE INTRAVENOUS THERAPY TECHNICIAN—AIRWAY MANAGEMENT TECHNICIAN—MOBILE INTENSIVE CARE PARAMEDIC, SELECTION, GENERAL TRAINING, AND KNOWLEDGE STANDARDS. (1) Applicants for training as physician's trained mobile intravenous therapy technicians shall meet the following prerequisites:

(a) Successful completion of an emergency medical technician course as described in chapter 18.73 RCW;

(b) A minimum of one year's current experience as an active emergency medical technician;

(c) Be selected for training by the physician program director and the academic facility used for such training;

(d) Successfully pass such pretraining written, practical and/or oral examinations required by the department.

(2) Academic facilities used for training of physician's trained mobile intravenous therapy technicians shall possess the following minimum criteria:

(a) The academic facility shall have written agreements with the department to perform the training. The form "Advanced Life Support Training Application" and the department's letter of approval shall constitute the written agreement;

(b) The academic facility shall have written agreements with the clinical facility if the clinical training is accomplished in a separate facility.

(3) Academic instructional personnel shall consist of the following categories:

(a) An approved licensed physician program director who will be responsible for systems coordination.

(b) An approved licensed training physician who will be responsible for the academic and clinical content of the course—the physician program director and training physician may be combined into one responsibility.

(c) A course coordinator appointed by the academic facility who shall be responsible for processing applications and assist in the selection of students; maintain an inventory of all training equipment available; assist in the selection of instructors, schedule classes and assign instructors; conduct instructor and clinical preceptor orientation; schedule students for the in-hospital clinical experience; assist in the coordination of the examination sessions, including the preparation of evaluation materials; counsel trainees on an individual basis and other related duties under the training physician. The course coordinator need not be a physician.

(d) Instructional personnel consisting of such physicians, nurses, and allied health professionals knowledgeable in specific subject matter of a given lesson.

(4) Clinical facilities used for training of physician's trained mobile intravenous therapy technicians shall have as minimum qualifications, the following departments or sections, personnel and policies:

(a) Approved supervising physician coverage for emergency care in accordance with WAC 248-18-285;

(b) Have program approval in writing from the administrator and chief of staff;

(c) Appoint an approved training physician who will be available for consultative help to students for the duration of the course;

(d) Agree in writing to participate in continuing education;

(e) Provide clinical experience with supervision of students during the clinical portion of the training program;

(f) Have necessary radio equipment for voice communications between field personnel and clinical facility;

(g) Agree to provide an orientation program that will inform students as to the policies, procedures and general layout of the facility, as well as inform employees of the purpose and limits of the program.

(5) The course content shall consist of the following minimum knowledge standards or equivalent which each student must be able to meet:

STANDARD I—THE ADVANCED LIFE SUPPORT TECHNICIAN, HIS ROLE, RESPONSIBILITIES AND TRAINING

(a) Role of the advanced life support technician:

(i) Identify the activities performed by an advanced life support technician in the field;

(ii) Identify the role of the advanced life support technician in the emergency medical system in which he is functioning;

(b) Laws governing the advanced life support technician:

(i) Demonstrate a working knowledge of the Medical Practices Act of the state of Washington, the Good Samaritan Law, Washington state legislation affecting emergency medical technicians and advanced life support technicians and the Washington Administrative Code rules for ambulance operation;

(ii) Demonstrate a knowledge and understanding of:

(A) Consent

(B) Abandonment

(C) Delegated practice (standing orders)

(D) Liability and malpractice

(E) Required records and reports for substantiating incidents.

(c) Orientation to the advanced life support program:

(i) Identify the skills required of an advanced life support technician;

(ii) Identify the requirements for:

(A) Emergency medical technician

(B) Physician's trained mobile intravenous therapy technician

(C) Physician's trained mobile airway management technician

(D) Physician's trained mobile intensive care paramedic

(E) The training level of all approved Washington state emergency care providers.

(d) Issues concerning the health professional. The advanced life support technician shall demonstrate a knowledge and understanding of:

(i) Ethics; professional conduct, confidentiality;

(ii) Legal requirements relating to advanced life support technicians;

(iii) The difference between ethical behavior and legal requirements.

(e) The student shall be able to identify the activity most appropriate in the handling of a dying patient, bystanders or the immediate relatives of the dying patient.

STANDARD II—HUMAN SYSTEMS AND PATIENT ASSESSMENT

(a) Medical terminology: Demonstrate a working knowledge of medical terminology and anatomical terms, including common prefixes and suffixes, and state their meanings.

(b) Human systems (anatomy and physiology)

(i) Recognize the differences and define the categories of:

(A) Anatomy

(B) Physiology

(C) Biochemistry

(D) Biophysics.

(ii) Demonstrate a knowledge of the basic principles of cell function, cell specialization and cell structure.

(iii) Recall and identify all common anatomic terms to include the anatomic terms relating to all medical subspecialties.

(iv) Identify and demonstrate a knowledge of the following systems, subsystems or organs of the body and recognize and associate the label for each system, subsystem or organ with the appropriate function:

(A) Muscles

(B) Skeleton

(C) Joints

(D) Respiratory system

(E) Lymphatic system

(F) Brain

(G) Spinal cord

- (H) Peripheral nervous system
- (I) Autonomic nervous system
- (J) Renal system
- (K) Liver
- (L) Digestive system
- (M) Endocrine system
- (N) Circulatory system.
- (c) Patient assessment:
 - (i) Describe and demonstrate how to conduct a primary survey;
 - (ii) Identify the steps required in the primary assessment of a communicative and noncommunicative patient;
 - (iii) Recall from memory the components of the secondary assessment;
 - (iv) Outline the information that must be obtained in:
 - (A) Immediate history
 - (B) Pertinent past medical history
 - (C) Pertinent family history
 - (v) Answer questions and describe in detail all components of a complete examination of a critically ill patient;
 - (vi) Demonstrate the ability to communicate information regarding patient assessment to the supervising physician at a remote medical facility and to the medical personnel receiving the patient.

AMENDATORY SECTION (Amending Order 1329, filed 8/22/78)

WAC 248-15-050 PHYSICIAN'S TRAINED MOBILE AIRWAY MANAGEMENT TECHNICIAN—TRAINING AND KNOWLEDGE STANDARDS. (1) Meet requirements of WAC 248-15-030.

- (2) Respiratory system:
 - (a) Anatomy and physiology of the respiratory system:
 - (i) Demonstrate a knowledge of all the components and functions of the anatomy of the upper respiratory tract;
 - (ii) Demonstrate a knowledge of all the components and functions of the anatomy of the lower respiratory tract;
 - (iii) Demonstrate a knowledge of the role of the muscles that are primarily involved in respiration;
 - (iv) Describe at least five causes of change in respiratory rate;
 - (v) Outline and describe the nervous system as it relates to the respiratory center and to respiratory function;
 - (vi) Demonstrate a knowledge of normal and abnormal blood gas values and their effect on blood pH and respiratory activity.
 - (b) Pathophysiology and management of respiratory problems:
 - (i) Identify those medical problems which may cause acute respiratory insufficiency;
 - (ii) Demonstrate a knowledge of those trauma related problems that may cause acute respiratory insufficiency;
 - (iii) Demonstrate a knowledge of the procedures required to give appropriate treatment in the management of the respiratory arrest patient;
 - (iv) Given a list of causes of upper airway obstruction, describe those causes which are most common and describe the techniques required to relieve airway obstruction;
 - (v) Demonstrate an understanding of the general characteristics, causes and treatment for the following respiratory problems:
 - (A) Asthma
 - (B) Chronic lung disease
 - (C) Emphysema
 - (D) Chronic obstructive pulmonary disease (COPD)
 - (E) Respiratory burns
 - (F) Inhaled toxic gases
 - (G) Drowning;
 - (vi) Demonstrate a knowledge of the following clinical presentations:
 - (A) Rhonchi
 - (B) Rales
 - (C) Pulmonary edema
 - (D) Upper respiratory edema
 - (E) Absence of gag reflex;
 - (vii) Identify and appropriately treat the drowning victim and the near-drowning victim in both fresh and salt water, describe the physiological differences based on the type of water composition. List the differences in the treatment of the respective patients;
 - (viii) Demonstrate a working knowledge of IPPB;
 - (ix) Demonstrate an ability to properly treat the patient with pulmonary edema;
 - (x) Demonstrate a knowledge and familiarization of the various normal and abnormal breath sounds heard upon auscultation;

- (xi) Demonstrate a knowledge of hypoventilation and its causes, clinical manifestations and treatment;
- (xii) Demonstrate a knowledge of respiratory problems resulting from fractured ribs;
- (xiii) Demonstrate knowledge of the definitions, symptoms and treatment procedures used in the management of:
 - (A) Flail chest
 - (B) Simple pneumothorax
 - (C) Tension pneumothorax
 - (D) Sucking chest wound
 - (E) Hemothorax.
- (c) Techniques of management:
 - (i) Demonstrate a knowledge of oxygen delivery, oxygen adjuncts and oxygen delivery methods and the advantages and disadvantages of each delivery method;
 - (ii) Identify the potential complications in the administration of oxygen and of oxygen's toxic effects;
 - (iii) Demonstrate a thorough knowledge of laryngoscopy and endotracheal intubation;
 - (iv) Demonstrate a knowledge of esophageal obturation airway methods;
 - (v) Demonstrate an understanding of the purpose, indications and methods of thoracic decompression;
 - (vi) Identify the indications, equipment (including cricothyrotomes) and methods of performing cricothyroidotomy.
- (3) Testing will occur periodically throughout the course. Each student shall demonstrate knowledge objectives on a written examination approved by the department or the University of Washington's School of Medicine. In addition, each student will be required to demonstrate proficiency by a practical examination. On completion of the course, the student will be able to display knowledge of the topics on written examination. Successful performance will be defined as correctly responding to eighty percent of the items appearing on the examination. The student will not be permitted to use any materials or notes during the examination. For those standards involving recognition, the student will be required to recognize the specific term, definition or procedural step(s) from a group of terms, definitions or procedural step(s) presented to him. Recall involves the student expressing the term, definition or procedural step(s) either orally or in writing, without the presence of any cues.
- (4) The skills standards required of physician's trained mobile airway management technicians shall consist of the following minimum requirements or equivalent.
 - (5) Aids to ventilation:
 - (a) Endotracheal intubation:
 - (i) Given an adult and/or an infant intubation manikin, laryngoscope, assorted curved and straight blades, endotracheal tube, lubrication jelly, syringe, hemostat, bag-valve unit, bite block and tape, demonstrate the technique for the insertion of an endotracheal tube within thirty seconds. Thirty seconds is the maximum allowable interruption in the ventilation cycle. During testing, only two attempts to pass the tube will be allowed;
 - (ii) Given an anesthetized patient in a clinical or operating room setting or a human cadaver and laryngoscope, assorted curved and straight blades, endotracheal tube, lubrication jelly, syringe, hemostat, bag-valve unit, appropriate forceps, bite block and tape, demonstrate the technique for the insertion of an endotracheal tube within thirty seconds consistently. Thirty seconds is the maximum allowable interruption in the ventilation cycle. During testing, only two attempts to pass the tube will be allowed;
 - (iii) Given an adult intubation manikin, laryngoscope, assorted curved and straight blades, and appropriate forceps, the student will be able to demonstrate the technique of direct laryngoscopy for removal of a foreign body;
 - (iv) Given a suction device, sterile catheters, a container of water, sterile gloves and a patient or manikin with endotracheal tube in place, the student will be able to demonstrate aseptic atraumatic orotracheal and endotracheal suctioning technique;
 - (v) To maintain a qualification in this skill, the individual provider must perform a minimum of ~~((three))~~ one endotracheal intubation(s) per month, averaged over a ninety-day period, on human subjects ~~((during the first year following certification. In the second and subsequent years following certification, the performance frequency shall be at least two intubations per month))~~ and one endotracheal intubation per year under direct approved physician supervision. In addition, the

individual provider shall maintain a minimum of fifteen hours of approved continuing education each year. Subjects may be anesthetized patients, patients seen in actual emergencies or human cadavers*.

(b) (Optional) Esophageal obturation:

(i) Given an adult intubation manikin, an esophageal obturator airway, 30cc syringe, and bag-valve unit, demonstrate the technique for the insertion of an esophageal obturator airway;

(ii) Demonstrate the method to assess correct placement of the obturator and properly obtain a mask seal and ventilate the patient;

(iii) Demonstrate endotracheal intubation with the esophageal obturator in place and subsequent removal of the obturator;

(iv) To maintain a qualification in this skill, users of the esophageal obturator airway must have a refresher training under the direct supervision of a physician every ((thirty)) ninety days. Refresher training shall be accomplished on an intubation manikin or human cadaver. The advanced life support system which prefers to follow the optional training program and use the esophageal obturator in the field must also train the student in the use of endotracheal intubation. Skill maintenance standards may be maintained in either endotracheal intubation or the obturator airway.

(c) Other adjuncts to airway management:

(i) Given a fellow student as a patient, demonstrate the procedure for the preparation of the oxygen system and the administration of oxygen to a breathing patient using:

- (A) Nasal cannula
- (B) Partial rebreather mask
- (C) Venturi mask

(D) (Optional) Demand valve unit;

(ii) Given an adult manikin, oro and nasopharyngeal airways, pocket mask, oxygen cylinder and bag-valve mask, demonstrate the procedure for administering intermittent positive ventilation using:

- (A) Pocket mask
- (B) Bag-valve mask
- (C) Bag-valve mask with oxygen
- (D) Oropharyngeal airway with bag-valve mask;

(iii) Given a bag-valve mask, demonstrate the assembly, disassembly and cleaning of the bag-valve mask unit;

(iv) Given a prepared animal or cadaver, a twelve or fourteen gauge venous catheterization set or an approved style one-way valve, demonstrate the technique for chest decompression;

(v) (Optional) Given an adult manikin, an oropharyngeal airway and a demand valve unit, demonstrate the procedure for performing intermittent positive pressure ventilation;

(vi) (Optional) Given a demand valve unit, demonstrate the assembly, disassembly and cleaning of the demand valve unit;

(vii) (Optional) Given an animal or cadaver with an obstructed upper airway, and a cricothyrotome or cricothyroidotomy set with scalpel, the student will demonstrate the procedure for performing a cricothyroidotomy.

(6) Standards for physician trained mobile airway management technicians compare to Module I, II and IV, department of transportation curriculum reference.

*Human cadavers may be used not to exceed three per ninety days in the first year and not more than two per ninety days in the second year and subsequent years.

AMENDATORY SECTION (Amending Order 1329, filed 8/22/78)

WAC 248-15-080 CERTIFICATION AND RECERTIFICATION. (1) Certification as a physician's trained mobile intravenous therapy technician, physician's trained mobile airway management technician or physician's trained mobile intensive care paramedic shall be for two years and shall be based on successfully completing the course(s) and exam as approved by the University of Washington or the department and being recommended for such certification by the approved licensed program director. Such recommendation shall be in writing and will include the name and address of the individual being recommended. The effective date of certification shall be the date of the letter of recommendation. The expiration date will be the last date of the month, two years following certification.

(2) Recertification will be based on successful completion of the following:

(a) Maintaining the skill according to the skill standards delineated in this chapter for the appropriate skill requirement as documented by the approved licensed program director.

(b) Successfully passing such written, oral and/or practical recertification examinations as approved by the department or the University of Washington School of Medicine.

(c) Written recommendation from the approved ((training physician)) licensed program director.

Recertification shall be for two years and shall be effective from the date of the letter of recommendation from the approved program director.

(3) Certifications and recertifications awarded under this chapter shall be valid only for the county or counties indicated on the certification card. Individuals certified in one county who move permanently to another county must have their certifications revalidated by the licensed program director of the new county before performing in their skills. New cards will be issued upon written recommendation of the new licensed program director.

NEW SECTION

WAC 248-15-091 CERTIFICATION OF INDIVIDUALS WHO HAVE NOT COMPLETED A TRAINING COURSE CONDUCTED BY APPROVED TRAINING PHYSICIANS IN THE STATE OF WASHINGTON.

(1) Individuals who have not completed a training course leading to certification as a physician's trained mobile intravenous therapy technician, physician's trained mobile airway management technician or physician's trained mobile intensive care paramedic, conducted by an approved training agency in the state of Washington, may apply for such certification under the following conditions:

(a) Reciprocity may be granted for an individual who has completed a course of training in another state which is equal to or exceeds Washington state's standards.

The individual seeking reciprocity shall submit to the Emergency Medical Services Section the following documents:

(i) A transcript of training from the original training agency reflecting course subject material, or if transcripts are not used, an outline of the training course and a signed statement from the course supervisor indicating the applicant has passed the course and,

(ii) A photocopy of the certificate of completion of the course and,

(iii) A photocopy of a current out-of-state certificate or license;

(b) An individual wishing to challenge an examination must qualify by submitting proof to the testing agency that all previous training and experience is equivalent to the minimum standards for certification set forth in this chapter and that the individual has not been previously certified in the skills, either in the state of Washington or out-of-state, for which the challenge is made.

(c) An individual who has completed a course of instruction from another state but has not been certified in the other state, may qualify for certification by successful completion of the final written and practical examination administered by an approved training facility and by submitting to the EMS Section an outline of the course previously taken.

(2) In addition to the requirements set forth in subsection (1), the following qualifications shall be met:

(a) The individual applying for certification must have a sponsor in the advanced life support system who will provide employment.

(b) The individual must successfully complete such testing as required at the regional and/or local EMS level and be recommended for certification by the approved physician program director, who shall declare responsibility for continuing education, training and verbal or standing orders for the individual.

(3) Certification under this section shall not be granted to individuals who:

(a) Have been decertified for cause by out-of-state authorities;

(b) Are under civil or criminal investigation by out-of-state authorities;

(c) A noncurrent out-of-state certification or of failure to have completed a full course of instruction from an out-of-state training agency.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 248-15-090 RECIPROCITY AND CHALLENGES.

WSR 81-19-084
ADOPTED RULES
DEPARTMENT OF
SOCIAL AND HEALTH SERVICES
(Institutions)

[Order 1699—Filed September 17, 1981]

I, David A. Hogan, Director, Division of Administration of the Department of Social and Health Services, do promulgate and adopt at Olympia, Washington, the annexed rules relating to State institutions other than adult correctional institutions—Trial visit to community—Resident needing public assistance, repealing chapter 275-216 WAC.

This action is taken pursuant to Notice No. WSR 81-15-009 filed with the code reviser on July 6, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Department of Social and Health Services as authorized in RCW 72.01.090.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 9, 1981.

By David A. Hogan
 Director, Division of Administration

REPEALER

The following sections of the Washington Administrative Code are repealed:

- (1) WAC 275-216-010 TRIAL VISITS—DEFINITIONS.
 (2) WAC 275-216-020 TRIAL VISITS—CLIENT NEEDING PUBLIC ASSISTANCE—INSTITUTION'S RESPONSIBILITY.

WSR 81-19-085
EMERGENCY RULES
DEPARTMENT OF
NATURAL RESOURCES
 [Order 369—Filed September 17, 1981]

I, Brian J. Boyle, Commissioner of Public Lands, do promulgate and adopt at Olympia, Washington, the annexed rules relating to the adoption of an emergency rule restricting logging on forest lands under the protection of the Department of Natural Resources in its Northwest Area, shutdown zone 658 in portions of Whatcom, Skagit and Snohomish counties effective midnight, Thursday, September 17, 1981 until midnight, Friday, September 18, 1981.

I, Brian J. Boyle, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity

to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is due to existing and forecasted weather conditions, the areas listed above as included in the logging restrictions are particularly exposed to fire danger. No one may enter areas of logging slash. Burning permits and burning privileges in zones B and C are also suspended.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 76.04.150, 76.04.190 and 76.04.200 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 17, 1981.

By Brian J. Boyle
 Commissioner of Public Lands

NEW SECTION

WAC 332-26-522 COMPLETE LOGGING SHUTDOWN IN PARTS OF WESTERN WASHINGTON UNDER THE PROTECTION OF THE DEPARTMENT OF NATURAL RESOURCES IN PART OF ITS NORTHWEST AREA.

Effective midnight, Thursday, September 17, 1981 through midnight, Friday, September 18, 1981, all logging, milling, land clearing, and other industrial operations that may cause a forest fire to start are to be shutdown from midnight to midnight.

DNR shutdown zone affected by this restriction is zone 658 in parts of Whatcom, Skagit, and Snohomish counties.

During the shutdown period, all persons are excluded from logging operating areas and areas of logging slashing except those persons present in the interest of fire protection.

Burning permits in burning permit zones B and C are cancelled in the above zone during the shutdown.

These restrictions apply to those lands protected by the Department of Natural Resources in western Washington.

Reviser's Note: Errors of punctuation or spelling in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

WSR 81-19-086
ADOPTED RULES
BOARD OF PHARMACY
 [Order 163, Resolution 8/81—Filed September 17, 1981]

Be it resolved by the Washington State Board of Pharmacy, acting at Burien, Washington, that it does

promulgate and adopt the annexed rules relating to the amending of WAC 360-12-140 and the repealing of WAC 360-30-010, 360-30-020 and 360-30-030.

This action is taken pursuant to Notice No. WSR 81-14-036 filed with the code reviser on June 29, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Washington State Board of Pharmacy as authorized in RCW 18.64.005(11).

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED August 20, 1981.

By Donald H. Williams
Executive Secretary

AMENDATORY SECTION (Amending Order 155, Resolution 6/80, filed 6/26/80)

WAC 360-12-140 PHARMACIST PRESCRIPTIVE AUTHORITY — PRIOR BOARD ((~~APPROVAL~~)) NOTIFICATION OF WRITTEN GUIDELINE OR PROTOCOL REQUIRED. (1) A pharmacist planning to exercise prescriptive authority in his or her practice (see RCW 18.64.011(11)) by initiating or modifying drug therapy in accordance with written guidelines or protocols previously established and approved for his or her practice by a practitioner authorized to prescribe drugs ((~~shall make application through and receive approval from, the board prior to commencement of this aspect of the practice of pharmacy~~)) must have on file at his/her place of practice a properly prepared written guideline or protocol indicating approval has been granted by a practitioner authorized to prescribe. A copy of the written guideline or protocol must also be on file with the Board of Pharmacy.

(2) For purposes of pharmacist prescriptive authority under RCW 18.64.011(11), a written guideline or protocol is defined as an agreement in which any practitioner authorized to prescribe legend drugs delegates to a pharmacist or group of pharmacists authority to conduct specified prescribing functions. Any modification of the written guideline or protocol shall be treated as a new protocol. It shall include:

(a) A statement identifying the practitioner authorized to prescribe and the pharmacist(s) who are party to the agreement. The practitioner authorized to prescribe must be in active practice, and the authority granted must be within the scope of the practitioners' current practice.

(b) A time period not to exceed 2 years during which the written guideline or protocol will be in effect.

(c) A statement of the type of prescriptive authority decisions which the pharmacist(s) is (are) authorized to make, which includes:

(i) A statement of the types of diseases, drugs, or drug categories involved, and the type of prescriptive authority activity (e.g., modification or initiation of drug therapy) authorized in each case.

(ii) A general statement of the procedures, decision criteria, or plan the pharmacist(s) is (are) to follow when making therapeutic decisions, particularly when modification or initiation of drug therapy is involved.

(d) A statement of the activities pharmacist(s) is (are) to follow in the course of exercising prescriptive authority, including documentation of decisions made, and a plan for communication or feedback to the authorizing practitioner concerning specific decisions made. Documentation may occur on the prescription record, patient drug profile, patient medical chart, or in a separate log book.

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

REPEALER

The following sections of the Washington Administrative Code are hereby repealed:

WAC 360-30-010 HYPODERMIC DEVICES SALE REGISTRATIONS.

WAC 360-30-020 HYPODERMIC DEVICES DESTRUCTION.

WAC 360-30-030 ENFORCEMENT.

WSR 81-19-087

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-143—Filed September 17, 1981]

I, Rolland A. Schmitt, director of State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitt, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order is necessary to protect rockfish stocks that cannot withstand a sustained commercial fishery.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 17, 1981.
By Rolland A. Schmitt
Director

NEW SECTION

WAC 220-48-10000A **CLOSED AREAS—BOTTOMFISH.** Notwithstanding the provisions of WAC 220-48-100, effective September 24, 1981 until further notice it is unlawful to take, fish for or possess bottomfish for commercial purposes with set line, hand line jig or troll gear in Marine Fish-Shellfish Management and Catch Reporting Areas 26B, 26C and 26D.

WSR 81-19-088

ADOPTED RULES

DEPARTMENT OF TRANSPORTATION (Transportation Commission)

[Order 27, Resolution 123—Filed September 17, 1981]

Be it resolved by the Washington State Transportation Commission, acting at Room 1D2, Highway Administration Building, Olympia, Washington 98504, that it does promulgate and adopt the annexed rules relating to the establishment of limited access highway facilities and the conduct of public hearings, chapter 468-54 WAC and the authority for approval for revisions to establishing limited access highway facilities, chapter 468-58 WAC.

This action is taken pursuant to Notice No. WSR 81-16-020 filed with the code reviser on July 27, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 47.52.133, 47.52.145, 47.52.210 and chapter 95, Laws of 1981 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 16, 1981.

By Robert L. Mikalson
Vice Chairman, Transportation Commission

AMENDATORY SECTION (Amending DOT Order 10 & Comm. Order 1, Resolution 13, filed 12/20/78)

WAC 468-54-020 **ESTABLISHMENT OF LIMITED ACCESS FACILITIES—INITIATION.** Proceedings to establish a limited access facility may be initiated by interested persons owning property in the vicinity of the proposed facility or by the department of transportation. If the secretary of transportation ascertains that there is merit in the proposal, he will (~~adopt~~) prepare an order designating the portion of the highway, road or street where the limited access highway may be established. The (~~secretary or his designee~~) administrator of the transportation commission shall by order fix the date and place where the proposal may be heard.

AMENDATORY SECTION (Amending Order 32, filed 7/23/79)

WAC 468-54-050 **CONDUCT OF HEARING.** At such hearing (~~the secretary of transportation~~) a member of the transportation commission shall preside, or the commission may designate some suitable person to preside as examiner. The hearing may, at the option of the (~~secretary~~) commission, be conducted in accordance with federal laws and regulations governing highway design public hearings. The department shall introduce by competent evidence a summary of the proposal for the establishment of a limited access facility and any evidence that supports the adoption of the plan as being in the public interest. At the conclusion of the evidence presented by the department, evidence and statements or counterproposals bearing upon the reasonableness of the proposal may be introduced. Such evidence must be material to the issues before the (~~secretary~~) commission and shall be presented in an orderly manner. Any such evidence and statements or counterproposals shall receive reasonable consideration by the (~~secretary or his designee~~) commission before any proposal is adopted.

AMENDATORY SECTION (Amending Order 32, filed 7/23/79)

WAC 468-54-065 **HEARING OFFICER.** The (~~secretary~~) commission may designate any suitable person as examiner with respect to hearings on any limited access proposal. Subject to later review and ruling by the (~~secretary or his designee~~) commission, such examiner may:

- (1) Examine witnesses, and receive evidence;
- (2) Admit evidence which possesses probative value commonly accepted by reasonable, prudent men in the conduct of their affairs, giving effect to the rules of privilege recognized by law and excluding incompetent, irrelevant, immaterial and unduly repetitious evidence;
- (3) Rule on offers of proof and receive relevant evidence;
- (4) Regulate the course of the hearing;
- (5) Hold conferences for the settlement or simplification of the issues by consent of the parties;
- (6) Dispose of procedural requests or similar matters;
- (7) Accept statements as to the reasonableness of the proposal; and
- (8) Establish time limits for speakers, when necessary to assure that all persons attending will have an opportunity to present relevant and material statements without undue repetition.

AMENDATORY SECTION (Amending DOT Order 10 & Comm. Order 1, Resolution 13, filed 12/20/78)

WAC 468-54-070 **HEARING—FINDINGS OR ORDER—FINALITY.** At the conclusion of such hearing the (~~secretary or his designee~~) commission shall consider the evidence taken at such hearing and shall make specific findings in the case of each proposal or counterproposal and shall adopt a plan with such modifications, if any, (~~he~~) it deems proper and necessary. (~~He~~) The commission may order the adoption of any proposal or counterproposal in its entirety or in part, or

may modify or reject any such proposal or counterproposal. ~~((His))~~ Its findings or order shall be in writing and copies thereof shall be served by United States mail upon all persons having entered a written appearance at such hearing and upon the county commissioners of the county affected and/or the mayor of the city or town affected. The ~~((department))~~ commission shall also cause a resume of such plan to be published once each week for two weeks in one or more newspapers of general circulation within such county, city or town beginning not less than ten days after the mailing of such findings and order. Such determination by the ~~((secretary or his designee))~~ commission shall become final within thirty days after such mailing unless a review is taken as by statute provided. In case of an appeal by any party the order shall be final as to all parties not appealing.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 468-54-030 INITIATION OF PROPOSAL BY DEPARTMENT OF TRANSPORTATION.

AMENDATORY SECTION (Amending Order 34, filed 7/23/79)

WAC 468-58-020 REVISION TO LIMITED ACCESS HIGHWAY FACILITIES. Subject to the requirements for public hearings, the ~~((secretary of))~~ transportation ~~((or his designee))~~ commission may adopt revisions to duly established limited access highway facilities, or may delegate authority for such revisions to the secretary of transportation. The secretary, at his discretion, may further delegate such authority.

WSR 81-19-089

ADOPTED RULES

RECIPROCITY COMMISSION

[Order WRC-3—Filed September 18, 1981]

Be it resolved by the Reciprocity Commission, acting at Olympia, Washington, that it does promulgate and adopt the annexed rules relating to restrictions and conditions, allowing business vehicles up to and including 12,000 pounds gross vehicle weight bearing license plates from another jurisdiction to enter Washington without licensing or obtaining a trip permit, amending WAC 410-20-040.

This action is taken pursuant to Notice No. WSR 81-16-086 filed with the code reviser on August 5, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Reciprocity Commission as authorized in RCW 46.85.030.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as

appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 17, 1981.

By Wesley L. Barclift
Chairman

AMENDATORY SECTION (Amending Order No. WRC-2, filed 1/5/81)

WAC 410-20-040 RESTRICTIONS AND CONDITIONS. A vehicle properly licensed or registered in another jurisdiction may be operated in Washington without further registration requirements subject to the following conditions and restrictions,

(1) Non-resident tourists: length of stay can not exceed six months in any one continuous twelve month period.

(2) Non-resident students: The student must be in full-time attendance at an institution of higher learning accredited by the Northwest Association of Schools and Colleges and maintain their legal home of record at a location outside the state of Washington. Student's vehicles must be registered in their name or the name of their parent or legal guardian in the resident state of record. The student must carry documentation issued by the institution in the vehicle which readily establishes the non-resident status. Employment incidental to the full-time student status is permitted. The spouse of a non-resident student has the same licensing privilege as long as the vehicle is registered to the student or jointly to the student and spouse, regardless of the spouse's legal residence or employment.

(3) Non-resident military personnel: Vehicles must be currently registered in the name of the military person at his official home of record. A vehicle licensed at the last duty station may be operated until expiration of the registration at which time it must be licensed in the home of record or in Washington. The spouse of a non-resident military person has the same licensing privilege as long as the vehicle is registered to the military person or jointly to the military person and spouse, regardless of the spouse's legal residence or employment.

(4) Foreign tourists: tourists from foreign countries are permitted to operate a vehicle which is currently licensed in their country of residence for up to one year from the date of entry of the vehicle into the United States.

(5) Temporary employment: non-resident persons engaged in employment of a temporary nature may operate a vehicle in this state which is currently licensed in another jurisdiction for a period not to exceed six months. Proof of the temporary nature of the employment may be required.

(6) Borrowed vehicle: A borrowed vehicle currently licensed in another jurisdiction may be operated by a Washington resident for a period not to exceed ten days in any one calendar year. If the period of use exceeds ten days the vehicle must be registered and licensed in Washington. This provision does not apply to business vehicles.

(7) Salesmen: non-resident salesmen based at a location outside Washington are permitted to operate vehicles not to exceed ~~((8000))~~ 12,000 pounds registered

gross weight licensed in another jurisdiction in this state without restriction.

(8) Business vehicles: vehicles up to and including ~~((8000))~~ 12,000 pounds registered gross vehicle weight bearing current license plates from another jurisdiction and used for business purposes in this state by a non-resident person or business are entitled to the same privileges as residents of that jurisdiction. Any vehicle owned or operated by a business or branch office of a business located in Washington must be registered in Washington. Vehicles provided to Washington residents by a business must be registered in Washington, but this shall not preclude the operation of a business vehicle licensed in another jurisdiction by a Washington resident when such use does not include overnight custody by the resident.

(9) Non-resident employed in Washington: may operate a vehicle licensed in another jurisdiction as long as no permanent, temporary, or part-time residence is maintained in this state.

(10) New resident: New Washington residents shall be allowed sixty days from the date of establishing residency to procure Washington registration for their vehicles.

Reviser's Note: RCW 34.04.058 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

WSR 81-19-090
PROPOSED RULES
CEMETERY BOARD
 [Filed September 18, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Washington State Cemetery Board intends to adopt, amend, or repeal rules concerning fees, WAC 98-70-010;

that such agency will at 10:00 a.m., Friday, November 20, 1981, 18000 Pacific Highway South, Room 500, Seattle, WA, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 10:00 a.m., Friday, November 20, 1981, 18000 Pacific Highway South, Room 500, Seattle, WA.

The authority under which these rules are proposed is RCW 68.05.100, 68.05.230 and 68.46.180.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to November 20, 1981, and/or orally at 10:00 a.m., Friday, November 20, 1981, 18000 Pacific Highway South, Room 500, Seattle, WA.

Dated: September 14, 1981
 By: Paul M. Elvig
 Executive Secretary

STATEMENT OF PURPOSE

Name of Agency: Washington State Cemetery Board.
 Purpose of Rule: To submit the fee schedule for fees authorized by Title 68 RCW.

Statutory Authority: RCW 68.05.100, 68.05.230 and 68.46.180.

Summary of Rule: WAC 98-70-010 Fees.

Reason for Proposed Rule: WAC 98-70-010, this proposed rule is intended to submit a fee schedule concerning regulatory charges and prearrangement sales licenses.

Responsible Personnel: The Washington State Cemetery Board and its Executive Secretary have the responsibility for drafting, implementing and enforcing this rule. The Executive Secretary is: Paul M. Elvig, P. O. Box 128, Ferndale, Washington 98248, Telephone (206) 738-2128 (Scan), 678-2128 (Comm).

Proponents of the Proposed Rule: This rule was proposed by the Washington State Cemetery Board.

Agency Comments: This rule was proposed pursuant to RCW 68.05.100, 68.05.230 and 68.46.180.

Federal Law or Federal or State Court Requirements: The proposed rule is not necessitated as the result of federal law or federal or state court action.

CHAPTER 98-70

FEES

WAC
 98-70-010 FEES.

NEW SECTION

WAC 98-70-010 FEES. The following fees shall be charged by the Washington State Cemetery Board:

<u>Title of Fee</u>	<u>Fee</u>
Regulatory charges	
0 to 100 (preceding calendar year internments, entombments and inurnments)	\$100.00
101 to 350 (preceding calendar year internments, entombments and inurnments)	200.00
351 to 700 (preceding calendar year internments, entombments and inurnments)	300.00
701 and more (preceding calendar year internments, entombments and inurnments)	500.00
Additional charge per each preceding calendar year internments, entombments and inurnments	1.00
Prearrangement Sales License	
Application	100.00
Renewal	50.00

WSR 81-19-091
ADOPTED RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION

[Order 81-21—Filed September 18, 1981]

I, Frank B. Brouillet, Superintendent of Public Instruction, do promulgate and adopt at Olympia, Washington, the annexed rules relating to Finance—Interdistrict Cooperation Programs, chapter 392-135 WAC.

This action is taken pursuant to Notice No. WSR 81-15-079 filed with the code reviser on July 21, 1981.

Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 28A.58.075(2) and 28A.58.245 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 4, 1981.

By Frank B. Brouillet
Superintendent of Public Instruction

AMENDATORY SECTION (Amending Order 80-7, filed 4/15/80)

WAC 392-135-010 DEFINITIONS. As used in this chapter, the term: (1) "Residence" ((shall mean the physical location of a student's principal abode (e.g., the home, house, apartment, etc., within which the student lives the majority of the time);

(2) "Resident student" shall mean a student:

(a) ~~Whose residence is within the school district of attendance; or~~

(b) ~~Whose residence is within the boundaries of any military, naval, lighthouse, other United States reservation, national park, national forest, or Indian reservation (provided the student resides upon rented or leased un-decided lands within the Indian reservation) which is contiguous to the school district of attendance; or~~

(c) ~~Whose residence is within a school district which does not carry the grades for which the student is eligible to enroll (e.g., a nonhigh school district);~~

(3) ~~"Nonresident student" shall mean any student other than a resident student whose residence is within the state of Washington.~~

(4) ~~"Resident district" shall mean the Washington state school district or districts of which a student is considered to be a resident), "resident student", and "resident district" shall mean the same as defined in WAC 392-137-010.~~

~~((5))~~ (2) "Serving district" shall mean the Washington state school district which operates a tuition-free interdistrict cooperation program pursuant to an agreement with one or more Washington state school districts.

(3) "Participating school district(s)" shall mean any Washington state school district that is a signatory to an interdistrict cooperative agreement pursuant to provisions of this chapter.

AMENDATORY SECTION (Amending Order 7-75, filed 12/22/75)

WAC 392-135-020 APPLICATION—REQUIREMENTS FOR APPROVAL. (1) Application. The proposed serving district shall be the applicant school district. The applicant school district shall submit a written application for the operation of an interdistrict cooperation program and the proposed written

agreement(s) to be entered into by each participating school district to the superintendent of public instruction, division of financial services.

An interdistrict cooperation contract shall include and set forth at least the following:

~~((a) The starting date for the proposed program.~~

~~(b) The location of the serving facilities.~~

~~(c) An explanation of the need(s) and purpose(s) of the proposed program.~~

~~(d) The number of students to be served by the program.~~

~~(e) An explanation of the manner in which the program is to be administered.~~

~~(f) The extra costs, if any, involved in the proposed program.~~

~~(g) An explanation of the economic feasibility of the joint operation.~~

~~(h) A description of joint financing arrangements, if any.~~

~~(i) A list of time in hours if attendance is to be on a part-time basis.~~

~~(j) A list of dates involved if the program is to be operated on an extended year basis.~~

~~(k) The duration of the contract and the procedure, if any, for early termination of the contract.~~

~~(l) The procedure for the disposition of assets and liabilities upon expiration or termination of the contract.)~~

(a) A description of the services and program.

(b) The number of students to be served from each district.

(c) The estimated amount of any operating costs of the program that are not funded from state or federal sources and the method of sharing such unfunded costs.

(2) Requirements for approval consideration. Interdistrict cooperation programs eligible for consideration and approval by the superintendent of public instruction shall be:

(a) Voluntary.

(b) Tuition free.

(c) Necessary for the express purpose of:

(i) Providing educational programs not otherwise available; and/or

(ii) Avoiding unnecessary duplications of specialized or unusually expensive programs and facilities; and/or

(iii) Improving racial balance within and among school districts.

(d) Interdistrict cooperation contracts shall be approved in advance ((by resolution)) of the board of directors of each participating school district.

NEW SECTION

WAC 392-135-021 REPORTING REQUIREMENTS. (1) Each school district shall provide, upon request of the superintendent of public instruction, such data as the superintendent deems appropriate to identify the resident school district of all nonresident students enrolled in a school district cooperative program who are attending classes in a school district other than the school district in which the student is resident, excepting all high school students from nonhigh school districts.

(2) The superintendent of public instruction shall provide each serving district of each approved interdistrict

cooperative with necessary report forms and shall advise each serving district of the due date established by the superintendent for the return of such completed report forms to the educational service districts or to the superintendent of public instruction as now or hereafter established by the superintendent and published in bulletins of the division of financial services.

(3) Data required by this section shall be used by the superintendent of public instruction for the purposes of WAC 392-121-170 and chapter 392-139 WAC as now or hereafter amended.

WSR 81-19-092
ADOPTED RULES
THE EVERGREEN
STATE COLLEGE

[Order 81-3, Motion No. 81-36—Filed September 18, 1981]

Be it resolved by the board of trustees of The Evergreen State College, acting at Olympia, Washington, that it does promulgate and adopt the annexed rules relating to parking policy (permit regulations and cost), WAC 174-116-115.

This action is taken pursuant to Notice No. WSR 81-15-016 filed with the code reviser on July 8, 1981. Such rules shall take effect pursuant to RCW 28B.19.050(2).

This rule is promulgated under the general rule-making authority of The Evergreen State College as authorized in RCW 28B.40.120(11).

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 10, 1981.

By Byron L. Youtz
for President

AMENDATORY SECTION (Amending Order 80-2, Motion #80-13, filed 5/9/80, effective 9/1/80)

WAC 174-116-115 PARKING PERMIT REGULATIONS. (1) Annual, quarterly and monthly permits shall be in the form of decals permanently affixed to vehicles for which they were issued, which decals may be purchased from the college cashier at the rate of ((thirty)) forty dollars a year, ((twelve)) sixteen dollars a quarter, or ((six)) eight dollars a month.

(2) Daily permits shall be in the form of date-stamped tickets available at the staffed booth on the parkway at the rate of ((thirty)) fifty cents each.

(3) Students who reside in college-owned housing shall be issued permits entitling them to park in parking lot F at no cost; residence hall residents may secure permits from the Security Office.

(4) Contractor and construction employees who work on campus projects shall be granted parking privileges without charge, for specific campus locations; these employees shall request appropriate permits through the

project foremen who may secure them from the Security Office.

(5) Visitor passes will be issued without charge for specific periods when requested at least 24 hours in advance by the appropriate college official. Irregular visitors shall be issued daily passes without charge at the discretion of the individual staffing the parking booth.

(6) Vendors conducting official business with the college may secure parking permits through the Security Office at no cost.

(7) Federal, state, county, city and school district and other governmental personnel on official business in vehicles with tax exempt licenses may park without permits.

(8) Staff members and students who participate in car pools may purchase a single transferable permit, subject to the following instructions: Each vehicle owner within the pool shall complete a "parking permit application" and submit it to the cashier but only one vehicle displaying the car pool decal may park on campus on a given day unless a daily pass is purchased.

WSR 81-19-093
EMERGENCY RULES
YAKIMA VALLEY
COMMUNITY COLLEGE

[Filed September 18, 1981]

Be it resolved by the board of trustees of the Yakima Valley Community College, acting at Yakima, Washington, that it does promulgate and adopt the annexed rules relating to chapter 132P-28 WAC, Tenure Policy:

Rep	WAC 132P-28-010	Purpose.
Rep	WAC 132P-28-020	Definitions.
Rep	WAC 132P-28-030	Composition of review committee.
Rep	WAC 132P-28-040	Review committee action.
Rep	WAC 132P-28-050	Dismissal for sufficient cause.
Rep	WAC 132P-28-055	Dismissal for cause.
Rep	WAC 132P-28-070	Review committee recommendations.
Rep	WAC 132P-28-080	Tenure considerations.

We, the Board of Trustees of Yakima Valley College, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is negotiations between the board of trustees and the bargaining representative of the college's academic employees have not resulted in agreement. The board must adopt policies containing terms and conditions of employment for academic employees prior to the start of the 1981-82 school year. The new policies are inconsistent with the above rules which must be immediately revoked in order to avoid ambiguity.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated under the general rule-making authority of the Yakima Valley Community College as authorized in RCW 28B.50.140.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 15, 1981.

By Virginia S. Hislop
Chairman

REPEALER

The following sections of the Washington Administrative Code are each repealed:

- (1) WAC 132P-28-010 PURPOSE
- (2) WAC 132P-28-020 DEFINITIONS
- (3) WAC 132P-28-030 COMPOSITION OF REVIEW COMMITTEE
- (4) WAC 132P-28-040 REVIEW COMMITTEE ACTION
- (5) WAC 132P-28-050 DISMISSAL FOR SUFFICIENT CAUSE
- (6) WAC 132P-28-055 DISMISSAL FOR CAUSE
- (7) WAC 132P-28-070 REVIEW COMMITTEE RECOMMENDATIONS
- (8) WAC 132P-28-080 TENURE CONSIDERATIONS

WSR 81-19-094

ADOPTED RULES

BELLEVUE COMMUNITY COLLEGE

[Order 74, Resolution 141—Filed September 18, 1981]

Be it resolved by the board of trustees of the Bellevue Community College, Community College District VIII, acting at Bellevue Campus, 3000 Landerholm Circle S.E., Bellevue, WA 98007, that it does promulgate and adopt the annexed rules relating to the adoption of a permanent amendment to the bylaws and standing orders of the Board of Trustees of Community College District VIII, WAC 132H-105-010 Introduction.

This action is taken pursuant to Notice No. WSR 81-15-058 filed with the code reviser on July 20, 1981. Such rules shall take effect pursuant to RCW 28B.19.050(2).

This rule is promulgated under the general rule-making authority of the Bellevue Community College, Community College District VIII as authorized in RCW 28B.50.140.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 16, 1981.

By Paul N. Thompson
Secretary, Board of Trustees

AMENDATORY SECTION (Amending Order No. 65, filed 10/17/79)

WAC 132H-105-010 INTRODUCTION. (~~The Board of Trustees, under law, is charged with the responsibility of Community College District VIII.~~) The Board of Trustees is an agency of the State and derives its authority as described in Chapter 8, Laws of 1967, Extraordinary Session, RCW. The authority is vested in the Board, not in its individual board members. To assist the Board in carrying out its responsibilities, an Executive Officer of Community College District VIII and President of Bellevue Community College shall be employed with the delegated responsibility for administering the policies of the District as approved by the Board.

Policies of the Board of Trustees are found in the records of Board action and in the Policies and Procedures Manual of which this document is a part. The bylaws which follow contain the rules adopted by the Board which are in force and which relate to the organization and powers of the Board and its method of conducting business.

Reviser's Note: RCW 28B.19.077 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

WSR 81-19-095

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-144—Filed September 18, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order protects chinook salmon while providing an opportunity to harvest coho salmon allocation.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 18, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-36-02100Y GRAYS HARBOR—CLOSED AREA. (1) Notwithstanding the provisions of WAC 220-36-021 and WAC 220-36-022, effective immediately through September 21, 1981, it is unlawful for any fisherman, including treaty Indian fishermen, to take, fish for or possess salmon for commercial purposes with any type of gear in Grays Harbor Fishing Areas 2A, 2B, 2C, and 2D.

(2) Effective immediately through September 30, 1981 it is unlawful for any fisherman, including treaty Indian fishermen, to take, fish for or possess salmon for commercial purposes with any type of gear in that portion of the Chehalis River upstream from the power line crossing just below the confluence of the Wynoochee River, including on-reservation waters.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-36-02100X GRAYS HARBOR—CLOSED AREA. (81-94)

WSR 81-19-096**EMERGENCY RULES****DEPARTMENT OF FISHERIES**

[Order 81-145—Filed September 18, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use angling rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order protects summer coho salmon, allocates fall coho salmon and protects summer-run chinook salmon.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 18, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-57-46000G SOLEDUCK RIVER. Notwithstanding the provisions of WAC 220-57-460;

(1) effective immediately until further notice, it is unlawful to take, fish for or possess coho salmon over 24 inches in length from the waters of the Soleduck River.

(2) effective immediately through September 30, 1981, it is unlawful to take, fish for or possess chinook salmon over 24 inches in length in that portion of the Soleduck River from the concrete pump station at the Soleduck Hatchery downstream to the mouth of Bockman Creek.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-57-46000F SOLEDUCK RIVER. (81-129)

WSR 81-19-097**EMERGENCY RULES****DEPARTMENT OF FISHERIES**

[Order 81-146—Filed September 18, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order is adopted pursuant to RCW 75.40.060.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.40.060 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 18, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-47-924 COMMERCIAL SOCKEYE AND PINK SALMON FISHERY (1) Effective September 19 through September 25, 1981, commercial sockeye and pink salmon fishing rules of the United States Department of Commerce, as adopted by Order

81-48 of the Director of Fisheries and as published in the Federal Register June 25, 1981, are superseded in part by this section.

(2) It is unlawful to take, fish for or possess sockeye and pink salmon for commercial purposes in Puget Sound Management and Catch Reporting Area 7A westerly of a line from Iwersen's Dock on Point Roberts to Georgina Light in Active Pass.

(3) It is unlawful to take, fish for or possess sockeye and pink salmon for commercial purposes in Puget Sound Salmon Management and Catch Reporting Areas 7, 7A (except as provided in subsection 2 of this section) and 7D except as follows:

Reef Nets

Sunday, September 20, 1981 5:30 A.M. to 9:00 P.M.

Monday, September 21, 1981 5:00 A.M. to 9:00 P.M.

Purse Seines

Monday, September 21, 1981 5:00 A.M. to 9:00 P.M.

Tuesday, September 22, 1981 5:00 A.M. to 9:00 P.M.

Gill Nets

6:00 P.M. Monday, September 21, 1981, to 9:00 A.M.

Tuesday, September 22, 1981.

6:00 P.M. Tuesday, September 22, 1981 to 9:00 A.M.

Wednesday, September 23, 1981.

REPEALER

The following section of the Washington Administrative Code is repealed effective September 19, 1981:

WAC 220-47-923 COMMERCIAL SOCKEYE AND PINK SALMON FISHERY (81-139)

WSR 81-19-098

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-147—Filed September 18, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is scheduled fisheries in Areas 7, 7A and 7D are currently under IPSFC control. Fisheries in Areas 7B, 9, 10 and 11 allow a harvest of coho salmon. All other Puget Sound areas are closed to all-citizen commercial fishing to prevent overharvest of salmon stocks.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 18, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-47-616 PUGET SOUND ALL-CITIZEN COMMERCIAL SALMON FISHERY. Notwithstanding the provisions of WAC 220-47-403, effective September 20, through September 26, 1981, it is unlawful to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:

* Areas 4B, 5, 6, 6A, 6B, 6C, and 6D - Closed.

* Areas 7 and 7A - Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-146. Gill nets restricted to 5-7/8-inch maximum mesh size when open.

* Area 7B - Closed except gill nets may fish Sunday, Monday, and Tuesday nights from 5:00 p.m. to 9:00 a.m. with 5-inch minimum to 6-1/2-inch maximum mesh, and purse seines may fish Monday, Tuesday, and Wednesday from 5:00 a.m. to 9:00 p.m. Purse seines are required to release all chinook salmon when open. The Fidalgo Bay Salmon Preserve is closed as provided in WAC 220-47-307.

Area 7C - Closed.

* Area 7D - Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-146. Gill nets restricted to 5-7/8-inch maximum mesh size when open.

Areas 8 and 8A - Closed.

* Area 9 - Closed except gill nets may fish Monday night from 5:00 p.m. to 9:00 a.m. with 5-inch minimum mesh and purse seines may fish Monday from 5:00 a.m. to 9:00 p.m. Purse seines are required to have a strip of 5-inch minimum mesh as provided in WAC 220-47-319. That portion of Area 9 within a 1/4-mile radius of the light at Point No Point is closed to commercial fishing at all times.

* Area 9A - Closed.

* Area 10 – Closed except gill nets may fish Monday night from 5:00 p.m. to 9:00 a.m. with 5-inch minimum mesh, and purse seines may fish Monday from 5:00 a.m. to 9:00 p.m. Purse seines are required to have a strip of 5-inch minimum mesh as provided in WAC 220-47-319. That portion of Area 10 easterly of a line protected from Meadow Point to West Point is closed to commercial fishing as provided in WAC 220-47-307. Areas 10A, 10B, 10C, 10D, and 10E – Closed.

* Area 11 – Closed except gill nets may fish Monday night from 5:00 p.m. to 9:00 a.m. with 5-inch minimum mesh, and purse seines may fish Monday from 5:00 a.m. to 9:00 p.m. Purse seines are required to have a strip of 5-inch minimum mesh as provided in WAC 220-47-319. The Gig Harbor Salmon Preserve is closed as provided in WAC 220-47-307. That portion southerly of a line projected from Dash Point to Point Defiance is also closed.

Areas 11A, 12, 12A, 12B, 12C, 12D, 13, 13A, 13B, and all freshwater areas – Closed.

REPEALER

The following section of the Washington Administrative Code is repealed effective September 20, 1981:

WAC 220-47-615 Puget Sound All Citizen Commercial Salmon Fishery (81-132)

WSR 81-19-099

EMERGENCY RULES

DEPARTMENT OF FISHERIES

[Order 81-148—Filed September 18, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is Areas 4B, 5, 6C, 7 and 7A are restricted to protect Fraser River Harrison chinook salmon. Area 6 and 6A are closed to protect Fraser coho and naturally-spawning Skagit salmon runs. Areas 6D and the Dungeness River are closed to protect Dungeness River pink and chinook salmon. Strait tributaries are closed to protect chinook salmon in those tributaries. Area 7C and the Samish River are closed to protect escapement of Samish Hatchery fall chinook salmon. Area 8 and the Skagit River are closed to protect pink and coho salmon. Areas 6B, 9 and 10 closures are lifted to allow an opportunity to harvest Hood Canal, South Sound and Stillaguamish-Snohomish coho

salmon. Area 10A and Duwamish-Green River is closed to protect chinook salmon. Area 13 is closed to protect Nisqually pink stocks. The Nisqually River is restricted to protect pink salmon. Areas 10C, 10D and the Cedar River are closed to protect Lake Washington sockeye and fall chinook. Coho management needs prevail in Area 10B. Portions of Area 12C are closed to protect Hoodsport and Dewatto fall chinook. The Stillaguamish and Snohomish Rivers are restricted to protect pink salmon. Budd Inlet is restricted to protect chinook salmon. Hammersley and Case Inlets are closed to protect early timing chum salmon.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 18, 1981.

By W. R. Wilkerson
for Rolland A. Schmitten
Director

NEW SECTION

WAC 220-28-118 PUGET SOUND COMMERCIAL FISHERY RESTRICTIONS. Effective immediately until further notice, it is unlawful for treaty Indian fishermen to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:

Area 4B – Troll-caught chinook under 24 inches in length and troll-caught coho under 16 inches in length must be released. Drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 5 – Drift gill nets restricted to 6-1/2-inch maximum mesh when open.

* Area 6 – Gill nets restricted to 5-7/8-inch maximum mesh when open. Closed to all commercial fishing effective September 20, 1981.

* Area 6A – Gill nets restricted to 5-7/8-inch maximum mesh, and all other net gear must release chinook salmon over 28 inches when open. Closed to all commercial fishing effective September 20, 1981.

* Area 6B – Closed to all commercial net fishing through 4:59 a.m. September 21, 1981.

Area 6C – Drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 6D – Closed to all commercial fishing.

Areas 7 and 7A – Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 7C – Closed to all commercial fishing.

Area 8 – Closed to all commercial fishing.

* Area 9 – Closed to all commercial fishing through 4:59 a.m. September 21, 1981.

* Area 10 (excluding that portion east of a line from Alki Point to West Point to Meadow Point) – closed to all commercial fishing except treaty Indian gill nets may fish from 6:00 p.m. Friday, September 18, 1981 to 9:00 p.m. Saturday, September 19, 1981 and treaty Indian purse seines may fish from 5:00 a.m. to 9:00 p.m. Saturday, September 19, 1981. Closure ends 5:00 a.m. September 21, 1981.

Area 10A – Closed to all commercial fishing.

* Area 10B – Gill nets restricted to 6-1/2-inch maximum mesh when open. Effective September 20, 1981, no mesh restriction.

Areas 10C and 10D – Closed to all commercial fishing.

Areas 12C – Closed to all commercial fishing within 1,000 feet of western shore between Hoodport Marina Dock and Glen Ayr Trailer Park, and within 1/4 mile of a line connecting the outermost points of Dewatto Bay including Dewatto Bay.

Area 13 – Closed to all commercial fishing except in that portion in Hale Passage between the Fox Island Bridge and a line projected from the old ferry dock southeast of Ketner's Point 24 degrees true to the mainland.

* Area 13B – (1) In that portion south of a line projected from Dofflemeyer Point to Cooper Point (Budd Inlet), closed to gill net gear. All other gear must immediately release female chinook salmon over 24 inches in length when open. (2) In that portion westerly of a line projected from the flashing light (Fl 4 sec) at Arcadia to Hungerford Point (Hammersley Inlet), closed to all commercial fishing. (3) In that portion northerly of a true east-west line projected through the southernmost point on Stretch Island and intersecting with the eastern and western shores of Case Inlet (Case Inlet), closed to all commercial fishing.

Nisqually River – Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Cedar River – Closed to all commercial fishing.

Duwamish/Green River – Closed to all commercial fishing.

Stillaguamish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Snohomish River – Gill nets restricted to 7-1/2-inch minimum mesh size, and all other gear must release pink salmon, when open.

Samish River – Closed to all commercial fishing.

Skagit River, including all tributaries – Closed to all commercial fishing.

Clallam River, Deep Creek, Hoko River, Lyre River, Pysht River, Sail River, Salt Creek, Sekiu River, East Twin River, West Twin River – Closed to all commercial fishing.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-28-117 Puget Sound Commercial Fishery Restrictions (81-142)

WSR 81-19-100

EMERGENCY RULES

EMPLOYMENT SECURITY DEPARTMENT

[Order 3-81—Filed September 21, 1981]

I, Norward J. Brooks, Commissioner of the Employment Security Department, do promulgate and adopt at 212 Maple Park, Olympia, WA, the annexed rules relating to definition of corporate officers.

I, Norward J. Brooks, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is RCW 50.04.165 becomes effective October 1, 1981. The rules are definitional and procedural.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 50.04.165 and is intended to administratively implement that statute.

This rule is promulgated under the general rule-making authority of the Employment Security Department as authorized in RCW 50.12.010 and 50.12.040.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 18, 1981.

By Norward J. Brooks
Commissioner

NEW SECTION

WAC 192-12-025 REQUIREMENTS OF CORPORATIONS REQUESTING EXEMPTION OF CORPORATE OFFICERS. RCW 50.04.165 provides: "At the discretion of the employer, services performed after September 30, 1981, in the capacity of corporate officers, may not be considered services in employment. This exemption shall not apply to services performed by

corporate officers that are covered by chapter 50.44.RCW."

In order for the Employment Security Department to make timely and accurate employer liability determinations and unemployment insurance payments, the commissioner prescribes:

(1) The term "corporate officer" is defined the same as in RCW 23A.08.470, which states "The officers of a corporation shall consist of a president, one or more vice presidents as may be prescribed by the bylaws, a secretary, and a treasurer, each of whom shall be elected by the board of directors at such time and in such manner as may be prescribed by the bylaws. Such other officers and assistant officers and agents as may be deemed necessary may be elected or appointed by the board of directors or chosen in such other manner as may be prescribed by the bylaws. Any two or more offices may be held by the same person, except the offices of president and secretary, except that when all of the issued and outstanding stock of the corporation is owned of record by one shareholder, one person may hold all or any combination of offices."

(2) Any employer exercising the exemption provided in RCW 50.04.165 exempts the services of all corporate officers from coverage.

(3) All services of corporate officers are deemed covered and subject to contributions until the effective date of written notification from the employer.

(4) Written notice is required to reinstate coverage of services of corporate officers.

(5) Written notice must be signed by someone authorized to legally bind the corporation AND be received by the department no later than thirty days prior to the beginning of the quarter in which the change of coverage is to begin. However, if an employer wishes to exempt the services of corporate officers beginning with the fourth quarter 1981, written notice must be received by the department no later than October 31, 1981.

(6) All changes in coverage of services of corporate officers are effective from the beginning of the quarter.

(7) Wages or salary paid for services of corporate officers exempt under RCW 50.04.165 will not be used to determine liability of agricultural and domestic employers.

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

WSR 81-19-101

NOTICE OF PUBLIC MEETINGS INTERAGENCY COMMITTEE FOR OUTDOOR RECREATION

[Memorandum, Director—September 17, 1981]

The Interagency Committee for Outdoor Recreation will hold its regular meeting on November 3, 1981, Tuesday, at the Vancouver City Hall, 210 East 13th Street, Vancouver, Washington, beginning at 9:00 a.m.

Interpreters for people with hearing impairments and brailled or taped information for people with visual impairments can be provided at this meeting. Request for this aid must be received by October 22, 1981. Please contact Robert L. Wilder, Director, 4800 Capitol Boulevard, Olympia, Washington 98504, 206-753-3610. The meeting site is barrier free.

WSR 81-19-102

NOTICE OF PUBLIC MEETINGS TRAFFIC SAFETY COMMISSION

[Memorandum, Director—September 17, 1981]

The Washington Traffic Safety Commission meeting originally scheduled for Thursday, September 24, 1981, has been postponed until a later date.

There are no actions required by the commission at this time. When the federal budget is approved, we will work through the Technical Advisory Committee to prepare amendments to the Highway Safety Plan for the commission's approval.

WSR 81-19-103

ADOPTED RULES STATE BOARD OF EDUCATION

[Order 10-81—Filed September 21, 1981]

Be it resolved by the State Board of Education, acting at Bremerton, Washington, that it does promulgate and adopt the annexed rules relating to school bus transportation, chapter 180-20 WAC.

This action is taken pursuant to Notice No. WSR 81-16-022 filed with the code reviser on July 28, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 28A.24-.055 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 18, 1981.

By Wm. Ray Broadhead
Secretary

AMENDATORY SECTION (Amending Order 8-75, filed 7/22/75)

WAC 180-20-106 SCHOOL BUS OPERATION FOR EXTRACURRICULAR USE. (1) Limitations. Under provisions of RCW 28A.24.055, school buses may be used for extracurricular activities only when commercial service is "not reasonably available," and when school buses are used, districts must charge users an

amount sufficient to reimburse the district for its complete cost incurred by reason of such use. Users of such school bus service shall be limited to those directly involved in extracurricular activities sponsored by the school district.

(2) Approval conditions. For practical administration of the law, approval of the state board of education is hereby granted for the use of school buses for extracurricular activities when such use is determined by the board of directors of the school district to meet the following conditions:

(a) Commercial service is not physically available at the required time; or

(b) The quoted cost for commercial service exceeds the ~~((schedule of statewide average))~~ actual costs ~~((plus ten percent of school bus operation as determined by the state superintendent of public instruction based on pertinent annual reports of school districts, such schedule subject to change as change in average costs dictate))~~ of the school district operated buses.

(3) School district computation procedure. For the purpose of determining whether the quoted charge for the use of a commercial charter bus is "reasonable" within the intent of RCW 28A.24.055, the school district shall calculate estimated trip costs using ~~((schedules and instructions provided annually by the state superintendent of public instruction))~~ all direct and indirect costs associated with the use of the district buses.

When the cost so computed is less than the commercial charter bus quoted cost, the school district may use its school district bus for the district-sponsored extracurricular activity. The charge to the users of such service shall be as provided in subsection (1) above.

**WSR 81-19-104
ADOPTED RULES
STATE BOARD
OF EDUCATION**

[Order 9-81—Filed September 21, 1981]

Be it resolved by the State Board of Education, acting at Bremerton, Washington, that it does promulgate and adopt the annexed rules relating to instructional materials, chapter 180-48 WAC.

This action is taken pursuant to Notice No. WSR 81-16-023 filed with the code reviser on July 28, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 28A.04.120 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 18, 1981.
By Wm. Ray Broadhead
Secretary

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 180-48-010 SELECTION OF INSTRUCTIONAL MATERIALS—SCHOOL DISTRICT POLICY IN WRITING.

**WSR 81-19-105
ADOPTED RULES
STATE BOARD
OF EDUCATION**

[Order 11-81—Filed September 21, 1981]

Be it resolved by the State Board of Education, acting at Bremerton, Washington, that it does promulgate and adopt the annexed rules relating to state plans adopted pursuant to federal law, chapter 180-63 WAC.

This action is taken pursuant to Notice No. WSR 81-16-024 filed with the code reviser on July 28, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 18, 1981.
By Wm. Ray Broadhead
Secretary

REPEALER

The state plan entitled "Veterans' Readjustment Benefits Act—Standards and regulations governing approval of academic institutions for the education and training of veterans under Public Law 89-358," filed 7/27/66 by the State Board of Education is hereby repealed.

**WSR 81-19-106
ADOPTED RULES
STATE BOARD
OF EDUCATION**

[Order 12-81—Filed September 21, 1981]

Be it resolved by the State Board of Education, acting at Bremerton, Washington, that it does promulgate and adopt the annexed rules relating to special education, chapter 180-68 WAC.

This action is taken pursuant to Notice No. WSR 81-16-025 filed with the code reviser on July 28, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 72.20.080 and 1961 Appropriations Act and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 18, 1981.
By Wm. Ray Broadhead
Secretary

REPEALER

The following sections of the Washington Administrative Code are repealed:

- (1) WAC 180-68-010 CRITERIA OF EDUCABILITY OF PUPILS IN STATE INSTITUTIONS.
- (2) WAC 180-68-045 EDUCATIONAL PROGRAM FOR MAPLE LANE SCHOOL.
- (3) WAC 180-68-050 GRADUATION DIPLOMAS FOR INMATES OF PENAL INSTITUTIONS.
- (4) WAC 180-68-100 SUPERIOR STUDENT PROGRAM—AUTHORITY—PROGRAM APPROVAL—EXCESS COSTS DEFINED.

WSR 81-19-107
NOTICE OF PUBLIC MEETINGS
WASHINGTON STATE UNIVERSITY
[Memorandum—September 17, 1981]

The meeting of the Board of Regents at Washington State University, originally set for 9:00 a.m. on October 16, 1981, in the Wilson Compton Union Building, has now been set for 2:00 p.m. on October 16 in the Regents' Room in the President's Office located in French Administration Building.

WSR 81-19-108
ADOPTED RULES
DEPARTMENT OF GAME
(Game Commission)
[Order 173—Filed September 22, 1981]

Be it resolved by the Game Commission, State of Washington, acting at Everett, Washington, that it does promulgate and adopt the annexed rules relating to the 1981-82 Upland Game Bird and Migratory Waterfowl Seasons, WAC 232-28-404.

This action is taken pursuant to Notice No. WSR 81-14-074 filed with the Code Reviser on July 1, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Game Commission as authorized in RCW 77.12.040.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW) or the Administrative Procedure Act (chapter 34.04 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

This order, after being first recorded in the Order Register of this governing body, shall be forwarded to the Code Reviser for filing pursuant to chapter 34.04 RCW and chapter 1-12 WAC.

APPROVED AND ADOPTED August 24, 1981.
By Frank R. Lockard
Director

NEW SECTION

WAC 232-28-404 1981-82 UPLAND GAME BIRD AND MIGRATORY WATERFOWL SEASONS.

Reviser's Note: The text and accompanying pamphlet comprising the 1981-82 Upland Game Bird and Migratory Waterfowl Seasons adopted by the Department of Game have been omitted from publication in the Register under the authority of RCW 34.04.050(3) as being unduly cumbersome to publish. Copies of the rules may be obtained from the main office of the Department of Game, 600 North Capitol Way, Olympia, Washington 98504, and are available in pamphlet form from the Department, its six regional offices, and at numerous drug and sporting goods stores throughout the state.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 232-28-403 1980-81 UPLAND GAME BIRD AND MIGRATORY WATERFOWL SEASONS

WSR 81-19-109
ADOPTED RULES
DEPARTMENT OF AGRICULTURE
(Cranberry Commission)
[Order 1, Resolution 1—Filed September 22, 1981]

Be it resolved by the Washington Cranberry Commission, acting at Grayland, Washington, that it does promulgate and adopt the annexed rules relating to time, place, and method for payment and collection of assessments, WAC 16-565-041.

This action is taken pursuant to Notice No. WSR 81-16-076 filed with the code reviser on August 5, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 15.65.410 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 18, 1981.
By Robert P. Quinby
Chairman

NEW SECTION

WAC 16-565-041 TIME, PLACE, AND METHOD FOR PAYMENT AND COLLECTION OF ASSESSMENTS. Effective with the 1981 crop, the following procedure is established for the reporting and payment of assessments levied pursuant to RCW 15.65.410 and WAC 16-565-040:

(1) All first handlers of cranberries for resale or for processing shall withhold the amount of the assessment from their remittance to growers and transmit same to the commission. All such assessments are due and payable on or before February 28 following the harvest period.

(2) All growers selling cranberries other than to first handlers for resale, including selling direct or through brokers, and including all sales at retail, shall pay the assessment directly to the commission on or before February 28 following the harvest period.

(3) Any assessment paid after the above deadline shall be accompanied by a penalty fee of ten percent as provided for in RCW 15.65.440.

(1) "Certification" means acceptance for E&T services of AFDC recipients in non-WIN areas. The form is retained by the CSO rather than being sent to DES;

(2) "Registrant" means a recipient who is registered for E&T services;

(3) "Self-support services" means counseling, child care, transportation, miscellaneous expense and medical payments during the certification period to assist the recipient in obtaining employment and training (E&T). These departmental payments are exempt;

(4) "DES-DSHS joint case responsibility" is not applicable in the E&T program;

(5) The thirty dollar incentive payment is not applicable in the E&T program;

(6) A sixty-day counseling period according to WAC 388-57-062 shall be provided to AFDC recipients who have failed or refused training or employment in the employment and training program without good cause.

(7) Protective or vendor payments shall not be imposed upon noncooperating AFDC recipients not certified to WIN.

(8) Persons employed at least thirty hours per week are exempt from registration for E&T.

WSR 81-19-110**ADOPTED RULES****DEPARTMENT OF
SOCIAL AND HEALTH SERVICES
(Public Assistance)**

[Order 1700—Filed September 22, 1981]

I, David A. Hogan, Director, Division of Administration of the Department of Social and Health Services, do promulgate and adopt at Olympia, Washington, the annexed rules relating to Employment and Training (E&T)—Definitions, amending WAC 388-57-036.

This action is taken pursuant to Notice No. WSR 81-15-055 filed with the code reviser on July 17, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Department of Social and Health Services as authorized in RCW 74.08.090.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 9, 1981.

By David A. Hogan
Director, Division of Administration

AMENDATORY SECTION (Amending Order 1642, filed 4/27/81)

WAC 388-57-036 EMPLOYMENT AND TRAINING (E&T)—DEFINITIONS. The terms in chapter 388-57 WAC apply in the E&T program except:

WSR 81-19-111**EMERGENCY RULES****DEPARTMENT OF FISHERIES**

[Order 81-149—Filed September 22, 1981]

I, Rolland A. Schmitt, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitt, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order closes Grays Harbor to all-citizen commercial fishing because allocation imbalance precludes non-Indian evaluation fishery.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 22, 1981.

By Rolland A. Schmitt
Director

NEW SECTION

WAC 220-36-02100Z GRAYS HARBOR—CLOSED AREA. (1) *Notwithstanding the provisions of WAC 220-36-021 and WAC 220-36-022, effective immediately, until further notice, it is unlawful for any non-treaty Indian fishermen to take, fish for or possess salmon for commercial purposes with any type of gear in Grays Harbor Fishing Areas 2A, 2B, 2C, and 2D.*

(2) *Effective immediately through September 30, 1981 it is unlawful for any fisherman, including treaty Indian fishermen, to take, fish for or possess salmon for commercial purposes with any type of gear in that portion of the Chehalis River upstream from the power line crossing just below the confluence of the Wynoochee River, including on-reservation waters.*

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-36-02100Y GRAYS HARBOR—CLOSED AREA. (81-144)

WSR 81-19-112
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-152—Filed September 22, 1981]

I, Rolland A. Schmitt, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitt, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is Areas 4B, 5, 6C, 7 and 7A are restricted to protect Fraser River Harrison chinook salmon. Area 6 and 6A are closed to protect Fraser coho and naturally-spawning Skagit salmon runs. Areas 6D and the Dungeness River are closed to protect Dungeness River pink and chinook salmon. Strait tributaries are closed to protect chinook salmon in those tributaries. Area 7C and the Samish River are closed to protect escapement of Samish Hatchery fall chinook salmon. Area 8 and the Skagit River are closed to protect pink and coho salmon. Areas 6B and 9 are closed by action of the Fisheries Advisory Board. Area 10A and Duwamish-Green River is closed to protect chinook salmon. Area 13 is closed to protect Nisqually pink stocks. The Nisqually River is restricted to protect pink salmon. Areas 10C, 10D and the Cedar River are closed to protect Lake Washington sockeye and fall chinook. Coho management needs prevail in Area 10B. Portions of Area 12C are closed to protect Hoodspout and Dewatto fall chinook. Budd Inlet is restricted to protect chinook salmon. Hammersley and Case Inlets are closed to protect early timing chum salmon.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 22, 1981.
 By Rolland A. Schmitt
 Director

NEW SECTION

WAC 220-28-119 PUGET SOUND COMMERCIAL FISHERY RESTRICTIONS. *Effective immediately until further notice, it is unlawful for treaty Indian fishermen to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:*

4B – Troll-caught chinook under 24 inches in length and troll-caught coho under 16 inches in length must be released. Drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 5 – Drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Area 6 – Gill nets restricted to 5-7/8-inch maximum when open. Closed to all commercial fishing effective September 20, 1981.

Area 6A – Gill nets restricted to 5-7/8-inch maximum mesh, and all other net gear must release chinook salmon over 28 inches when open. Closed to all commercial fishing effective September 20, 1981.

** Area 6B – Closed to all commercial fishing.*

Area 6C – Drift gill nets restricted to 6-1/2-inch maximum mesh when open.

Areas 6D – Closed to all commercial fishing.

Areas 7 and 7A – Gill nets restricted to 5-7/8-inch maximum mesh when open.

Area 7C – Closed to all commercial fishing.

Area 8 – Closed to all commercial fishing.

** Area 9 – Closed to all commercial fishing.*

Area 10A – Closed to all commercial fishing.

Area 10B – Gill nets restricted to 6-1/2-inch maximum mesh when open. Effective September 20, 1981, no mesh restrictions.

Areas 10C and 10D – Closed to all commercial fishing.

Areas 12C – Closed to all commercial fishing within 1,000 feet of western shore between Hoodspout Marina Dock and Glen Ayr Trailer Park, and within 1/4 mile of a

line connecting the outermost points of Dewatto Bay including Dewatto Bay.

Area 13 - Closed to all commercial fishing except in that portion in Hale Passage between the Fox Island Bridge and a line projected from the old ferry dock southeast of Ketner's Point 24 degrees true to the mainland.

Area 13B - (1) In that portion south of a line projected from Dofflemeyer Point to Cooper Point (Budd Inlet), closed to gill net gear. All other gear must immediately release female chinook salmon over 24 inches in length when open. (2) In that portion westerly of a line projected from the flashing light (Fl 4 sec) at Arcadia to Hungerford Point (Hammersley Inlet), closed to all commercial fishing. (3) In that portion northerly of a true east-west line projected through the southernmost point on Stretch Island and intersecting with the eastern and western shores of Case Inlet (Case Inlet), closed to all commercial fishing.

Nisqually River - Gill nets restricted to 7-1/2-inch minimum mesh size when open.

Cedar River - Closed to all commercial fishing.

Duwamish/Green River - Closed to all commercial fishing.

Samish River - Closed to all commercial fishing.

Skagit River, including all tributaries - Closed to all commercial fishing.

Clallam River, Deep Creek, Hoko River, Lyre River, Pysht River, Sail River, Salt Creek, Sekiu River, East Twin River, West Twin River - Closed to all commercial fishing.

REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-28-118 Puget Sound Commercial Fishery Restrictions (81-152)

WSR 81-19-113

ADOPTED RULES

STATE BOARD FOR

COMMUNITY COLLEGE EDUCATION

[Order 90, Resolution 81-66—Filed September 23, 1981]

Be it resolved by the State Board for Community College Education, acting at Olympia, Washington, that it does promulgate and adopt the annexed rules relating to operation of the guaranteed student loan program pursuant to chapter 257, Laws of 1981.

This action is taken pursuant to Notice No. WSR 81-16-021 filed with the code reviser on July 28, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to chapter 257, Laws of 1981 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 11, 1981.
By Gilbert J. Carbone
Assistant Director

Chapter 131-36 WAC

INSTITUTIONAL LONG-TERM LOAN FUND

NEW SECTION

WAC 131-36-010 PURPOSE AND INTENT. (1) The purpose of chapter 131-36 WAC is to implement the institutional long-term loan program established by section 9, chapter 257, Laws of 1981.

(2) It is the intent of this chapter to provide for a loan program that will be operational in all Washington community colleges no later than spring quarter, 1982.

NEW SECTION

WAC 131-36-050 DEFINITIONS. For the purposes of chapter 131-36 WAC, the following definitions shall apply:

(1) "Fund" shall mean the institutional long-term loan fund established by section 9, chapter 257, Laws of 1981.

(2) "Private financial institution" shall mean an eligible lender as defined by the rules of the WSLGA.

(3) "Uniform methodology" shall mean the method of determining financial need based on a comparison of assets and income with estimated costs of college attendance as prescribed by the United States department of education.

(4) "WSLGA" shall mean the Washington Student Loan Guarantee Association, a private student loan guaranteeing association authorized to guarantee loans granted pursuant to 20 U.S. Code Section 1071.

(5) "Operational" shall mean that the institution has been approved as a lender and is eligible to provide loans guaranteed by the WSLGA.

NEW SECTION

WAC 131-36-100 ELIGIBILITY. (1) Loans from the fund shall be made only to resident, needy students who are enrolled for six or more credit hours of instruction or the equivalent thereof, except as otherwise provided in this section.

(2) The following individuals who have been granted statutory resident status for tuition and fee purposes pursuant to RCW 28B.15.014 and 28B.15.553 shall not be eligible to receive loans from the fund:

(a) Persons employed twenty hours or more per week at a Washington public higher education institution and their children and spouses;

(b) Military and federal employees residing or stationed in the state of Washington and their children or spouses;

(c) Veterans, as defined by RCW 41.04.005, whose final permanent duty station was in the state of Washington, so long as such veteran is receiving federal vocational or educational benefits concurred by virtue of his or her military service;

(d) Nonimmigrant aliens residing in the state of Washington pursuant to a treaty of commerce and navigation and their children and spouses.

(3) No individual shall be eligible for a loan from the fund unless he or she shall have applied for and been unable to obtain an educational loan from at least one private financial institution in the state of Washington known to be granting or with a record of having granted such loans.

(4) Students seeking loans from the fund shall provide the college with either a letter of denial from a private financial institution or with an affidavit attesting to such denial if unable to obtain evidence of denial in writing.

(5) No individual shall be eligible for loans from the fund if currently in default on any WSLGA or other federally guaranteed loan.

NEW SECTION

WAC 131-36-150 **LIMITATION ON AMOUNT OF LOANS.** (1) No loans shall be made from the fund in an amount that exceeds the demonstrated financial need of an eligible student.

(2) For purposes of this section, demonstrated financial need shall be the amount determined by application of uniform methodology as defined by WAC 131-36-050(3).

NEW SECTION

WAC 131-36-200 **TERMS AND CONDITIONS OF LOANS.** (1) The terms and conditions of loans made from the fund, including, but not limited to, maximum annual loan amount, maximum aggregate loan amount, loan initiation fee, guarantee fee, repayment, cancellation, consolidation of loans, deferment, default, and forbearance shall be the same as those set forth by the WSLGA and federal guaranteed student loan regulations.

(2) All loans granted from the fund for periods in excess of one academic quarter shall be disbursed in quarterly installments through proration of the total loan amount.

NEW SECTION

WAC 131-36-250 **INITIATING, SERVICING, AND COLLECTING LOANS.** (1) Community colleges shall utilize the loan collecting and servicing agency designated by the state board for community college education and the WSLGA.

(2) The state director of community colleges shall determine and designate on behalf of the state board an appropriate entity to conduct servicing and collection activities with regard to loans made from the fund.

(3) The state director of community colleges shall, when he determines that it is in the best interest of the college system, determine and designate on behalf of the state board an appropriate entity to perform loan initiation activities and transaction reporting regarding loans made from the fund.

(4) Subsequent to granting loans from the fund each college shall cooperate with the WSLGA and the servicing and collection agency through informing students of their rights and responsibilities regarding such loans; timely provision of student status verification information and information pertaining to determinations of default, forbearance, and deferment of loans; consolidation of loans; and records maintenance.

NEW SECTION

WAC 131-36-300 **INVESTMENT OF FUND PRINCIPAL.** (1) Moneys in the fund not committed to loans may be invested by each college for periods of time not inconsistent with the efficient operation of the loan program, provided that such investments may be made only after all eligible students have been afforded a reasonable opportunity to apply for loans from the fund.

(2) Investment of moneys from the fund shall be confined to certificates, notes, or bonds of the United States or other obligations of the United States or its agencies, or of any corporation wholly owned by the government of the United States.

(3) Colleges shall comply with all other laws or regulations regarding the investment of state funds when investing uncommitted portions of the fund.

(4) Interest earned through such investments shall be credited to the fund.

WSR 81-19-114

ADOPTED RULES

PARKS AND RECREATION COMMISSION

[Order 54—Filed September 23, 1981]

Be it resolved by the Washington State Parks and Recreation Commission, acting at Spokane, Washington, that it does promulgate and adopt the annexed rules relating to rules and regulations for operation of hostels, chapter 352-52 WAC.

This action is taken pursuant to Notice No. WSR 81-16-072 filed with the code reviser on August 5, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated pursuant to RCW 43.51.375 and 43.51.060(1) and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 17, 1981.
By D. W. Lowell
Rules Coordinator

Chapter 352-52 WAC
HOSTELS

NEW SECTION

WAC 352-52-010 PURPOSE. This chapter is promulgated to carry out the commission's duties and responsibilities as contained in RCW 43.51.375.

NEW SECTION

WAC 352-52-020 DEFINITIONS. Whenever used in this chapter the following terms shall be defined as herein indicated.

(1) "Hostel" means a simple basic structure which serves as a safe, low-cost overnight accommodation for mobile people of all ages from this country and abroad.

(2) "Director" means the director of the Washington State Parks and Recreation Commission.

(3) "Commission" means the Washington State Parks and Recreation Commission.

NEW SECTION

WAC 352-52-030 GRANTS OR MONEYS FOR SUPPORT OF HOSTELS. The commission will accept grants or moneys from any federal or private source for support of hostels. The commission, at its discretion, will apportion and transfer any such moneys to public agencies which have contracted for the operation of a hostel or hostels, or to political subdivisions which operate hostels. Application for such moneys shall be made on a form provided by the director, which may be obtained upon request by writing in care of the Director, Washington State Parks and Recreation Commission, 7150 Cleanwater Lane, Olympia, Washington 98504: PROVIDED, That no contracting agency or political subdivision will be eligible to receive any such moneys in support of hostels unless their hostels are operated in accordance with WAC 352-52-040.

NEW SECTION

WAC 352-52-040 OPERATION OF HOSTELS. Hostels shall be operated in substantial compliance with the operating standards and customs established by American Youth Hostels, Inc. (AYH), as reflected in the AYH Hostel Operations Manual, January, 1977 revision. Copies of the manual are available upon request by writing in care of the director, whose address is given in WAC 352-52-030. There will be a charge for copying the manual according to the fees established in WAC 352-40-090 for copying public records.

WSR 81-19-115
PROPOSED RULES
SUPERINTENDENT OF
PUBLIC INSTRUCTION
[Filed September 23, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Superintendent of Public Instruction intends to adopt, amend, or repeal rules concerning Finance—Maintenance and operation levy limits, chapter 392-139 WAC.

The formal adoption, amendment, or repeal of such rules will take place at 4:00 p.m., Thursday, September 24, 1981, in the Executive Services Conference Room, State Modular Building, 7510 Armstrong Street S.W., Tumwater.

The authority under which these rules are proposed is RCW 84.52.0531.

This notice is connected to and continues the matter in Notice No. WSR 81-17-080 filed with the code reviser's office on August 19, 1981.

Dated: September 23, 1981

By: Frank B. Brouillet
Superintendent of Public Instruction

WSR 81-19-116
ADOPTED RULES
LIQUOR CONTROL BOARD

[Order 81, Resolution 90—Filed September 23, 1981]

Be it resolved by the Washington State Liquor Control Board, acting at Capitol Plaza building, 1025 East Union Avenue, Olympia, WA, that it does promulgate and adopt the annexed rules relating to:

Amd	WAC 314-08-160	Subpoenas—Issuance.
Amd	WAC 314-08-180	Subpoenas—Fees.
Amd	WAC 314-62-010	Liquor law pamphlets.
Amd	WAC 314-62-020	Annual reports.
New	WAC 314-78-010	Official board seal.

This action is taken pursuant to Notice No. WSR 81-17-084 filed with the code reviser on August 19, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Washington State Liquor Control Board as authorized in RCW 66.08.030, 66.98.070 and Title 34 RCW.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 23, 1981.
By Leroy M. Hittle
Chairman

AMENDATORY SECTION (Amending Resolution No. 2, Rule 08.160, filed 6/13/63)

WAC 314-08-160 SUBPOENAS—ISSUANCE TO PARTIES. (1) Upon application of counsel or other representative appearing before the board pursuant to WAC 314-08-010(3) ~~((of these rules,))~~ for any party to a contested case, there shall be issued to such party subpoenas requiring the attendance and testimony of witnesses or the production of evidence in such proceeding; PROVIDED, HOWEVER, That such subpoenas may be issued with like effect by the attorney of record of the party to the contested case in whose behalf the witness is required to appear, and the form of such subpoena in each case may be the same as when issued by the board except that it shall only be subscribed by the signature of such attorney.

(2) The board may issue subpoenas to ~~((parties not so represented))~~ licensees in contested case proceedings who are not represented by counsel or other representative upon request and or upon a showing of general relevance and reasonable scope of the testimony or evidence sought.

AMENDATORY SECTION (Amending Resolution No. 2, Rule 08.180, filed 6/13/63)

WAC 314-08-180 SUBPOENAS—FEES. As provided by RCW 66.24.010(3), witnesses ~~((may, in the discretion of the board,))~~ shall be allowed fees ~~((at the rate of two dollars per day, plus five cents per mile each way))~~ and mileage each way to and from any such inquiry, investigation, hearing, or proceeding at the rate authorized by RCW 34.04.105, as now or hereafter amended. Fees need not be paid in advance of appearance of witnesses to testify or to produce books, records, or other legal evidence.

AMENDATORY SECTION (Amending Order 63, filed 1/17/78)

WAC 314-62-010 LIQUOR LAW PAMPHLETS. Pursuant to RCW 66.08.030 as amended by section 1, chapter 115, Laws of 1977 ex. sess., pamphlets containing the liquor laws (Title 66 RCW and other liquor related statutes) and the revised rules and regulations of the board shall be made available through the Board's Central Office Services Division, 1025 East Union Avenue, Olympia, Washington 98504, for distribution, upon request, to any member of the public. An updating service covering amendments to the Liquor Act and the Revised Rules and Regulations of the Board shall also be available for such distribution. Charges shall be made for these items as ~~((follows:~~

Liquor Laws and Regulations ————— \$1.50
Update Service ————— \$3.50))
directed by the board from time to time to cover the costs of printing and handling.

PROVIDED, HOWEVER, That copies of the liquor laws and regulations and the update service shall be

provided without charge as follows: (1) To the secretary of the senate for use of senate committees, fifteen copies; (2) to the chief clerk of the house for use of house committees, twenty copies; (3) to the state library, two copies; (4) to the state law library, two copies; (5) to licensees of the board, one copy each; (6) to recognized news reporting services maintaining permanent offices at the capitol, one copy each. One copy shall also be provided without charge, upon request, to legislators, governmental and nonprofit organizations, academic research students, libraries, and alcoholism information and treatment centers.

AMENDATORY SECTION (Amending Order 65, Resolution 74, filed 4/6/78)

WAC 314-62-020 ANNUAL REPORTS. Pursuant to RCW 66.08.028, the board makes annual reports to the governor covering the administration and enforcement of the Liquor Act during the preceding fiscal year. Copies of this report shall be available through the Board's Central Office Services Division, 1025 East Union Avenue, Olympia, Washington 98504, for distribution, upon request, to any member of the public. A charge ~~((of \$2.80))~~ as directed by the board from time to time to cover the costs of printing and handling shall be made for each copy of this report: PROVIDED, HOWEVER, That copies of the annual report shall be provided without charge as follows: (1) To the secretary of the senate for use of senate committees, fifteen copies; (2) to the chief clerk of the house for use of house committees, twenty copies; (3) to the state library, two copies; (4) to the state law library, two copies; (5) to licensed agents of suppliers of liquor with whom the board does business, one copy each; (6) to recognized news reporting services maintaining permanent offices at the capitol, one copy each. One copy of the annual report shall also be provided without charge, upon request, to legislators, governmental and nonprofit organizations, academic research students, libraries, and alcoholism information and treatment centers.

NEW SECTION

WAC 314-78-010 OFFICIAL SEAL OF THE BOARD. Pursuant to the authority of RCW 66.08.030(2)(g) the board adopts the following design as and for its official seal:



WSR 81-19-117
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-150—Filed September 23, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is regulations adopted by Columbia River Compact which provides for commercial coho salmon fishery.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.40.010 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 22, 1981.

By Rolland A. Schmitten
 Director

NEW SECTION

WAC 220-32-03000C *COHO GILL NET SEASON* Notwithstanding the provisions of WAC 220-32-030, WAC 220-32-031 and WAC 220-32-032, it is unlawful to take, fish for or possess coho salmon for commercial purposes with gill net gear in Columbia River Salmon Management and Catch Reporting Areas 1A, 1B, 1C, 1D and 1E, except in those areas, at those times and with the gear designated below:

Areas 1A, 1B, and that portion of 1C downstream from the Longview/Rainier Bridge.

6 p.m. September 27 until 6 p.m. October 1, 1981.

Less than 7 inch mesh or more than 9 inch mesh restriction.

Areas 1A, 1B, 1C and that portion of 1D downstream from the uppermost power line crossing at Lady Island except that those waters of Camas Slough upstream of a line projected true north from the western tip of Lady Island to mainland upstream to a line projected from Crown Zellerbach pumphouse southerly to a boundary marker on the north shore of Lady Island are excluded from open Catch Reporting Area 1D.

6 p.m. October 4 to 6 p.m. October 8, 1981.

6 p.m. October 11 to 6 p.m. October 14, 1981.

6 p.m. October 18 to 6 p.m. October 21, 1981.

6 p.m. October 25 to 6 p.m. October 28, 1981.

6 p.m. November 1 to 6 p.m. November 5, 1981.

6 p.m. November 8 to 6 p.m. November 12, 1981.

Less than 7 inch mesh or more than 9 inch mesh restriction.

WSR 81-19-118
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-151—Filed September 23, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is to reduce river mouth closures to allow maximum harvest opportunity for coho of hatchery origin. Limits Chinook River mouth fishery to protect chinook salmon bound for cooperative educational program station.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 22, 1981.

By Rolland A. Schmitten
 Director

NEW SECTION

WAC 220-32-03600M *CLOSED AREAS SALMON-RIVER MOUTHS* (1) Notwithstanding the provisions of WAC 220-32-036, it is unlawful to take, fish for or possess salmon for commercial purposes with gill net gear in the following Columbia River Fisheries Area except during the seasons provided for in WAC 220-32-03000C in each respective fishing area:

Grays Bay and Elokomina River - those waters defined as Management and Catch Reporting Area 1B in WAC 220-22-010.

Abernathy Creek – During the period September 1 through October 10, 1981 those waters of the Columbia River and the Mouth of Abernathy Creek from a point one-half mile upstream to 1,300 yards downstream from Abernathy Creek at the flashing white 4-second light No. 81 and extending to midstream of the Columbia River. After October 10, 1981, those waters of the Columbia River as defined above in this section, except that the mouth of Abernathy Creek shall be defined as a line projected from Abernathy Point Light to the boundary marker on the east shore of Abernathy Creek.

Camas Slough – Those waters of Camas Slough upstream of a line projected true north from the western tip of Lady Island to mainland upstream to line projected from Crown Zellerbach pumphouse southerly to a boundary marker on the north shore of Lady Island are excluded from open Catch Reporting Area 1D.

Chinook River – Closed through October 10, 1981 within a one-mile radius of the mouth of Chinook River as measured from the outermost uplands.

WSR 81-19-119
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-153—Filed September 23, 1981]

I, Rolland A. Schmitten, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use angling rules.

I, Rolland A. Schmitten, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is chinook allocation indicates allowable harvest for all citizen sport fishery.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 23, 1981.

By Rolland A. Schmitten
 Director

NEW SECTION

WAC 220-57-1500A CLEARWATER RIVER (JEFFERSON COUNTY) Notwithstanding the provisions of WAC 220-57-155, effective October 1, through October 31, 1981.

(1) The personal use salmon bag limit in the Clearwater River downstream from the mouth of the Snahapish River shall be BAG LIMIT A.

(2) It is unlawful to take, fish for or possess coho salmon over 24 inches in length from the waters of the Clearwater River downstream from the mouth of the Snahapish River.

WSR 81-19-120
PROPOSED RULES
STATE INVESTMENT BOARD
 [Filed September 23, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the State Investment Board intends to adopt, amend, or repeal rules concerning a description of its organization and methods wherein, the public may obtain information and make submittals or requests; exemption under the provisions of chapter 197-10 WAC; and compliance with chapter 42-18 RCW, the Executive Conflict of Interest Act;

that such agency will at 9:30 a.m., Monday, November 9, 1981, in the Financial Center Building, Unigard Board Room, 1215 4th Avenue, Seattle, WA 98161, conduct a hearing relative thereto.

The adoption, amendment, or repeal of such rules will take place immediately following such hearing.

The authority under which these rules are proposed is RCW 34.04.020(2), 42.17.250, 42.17.060, 43.21C.120 and section 4, chapter 219, Laws of 1981.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to November 9, 1981, and/or orally at 9:30 a.m., Monday, November 9, 1981, Financial Center Building, Unigard Board Room, 1215 4th Avenue, Seattle, WA 98161.

Dated: September 23, 1981
 By: John Hitchman
 Executive Secretary

STATEMENT OF PURPOSE

This statement is filed pursuant to RCW 34.04.045.

The State Investment Board was established by chapter 3, Laws of 1981. The purpose of the rules shown below is to comply with those statutory requirements directing agencies generally, and the State Investment Board in particular, to adopt certain rules. These rules are divided into the following three chapters:

Chapter 287-02 WAC Public Records, WAC 287-02-010 through 287-02-140. This chapter describes the organization, operations and procedures of the State Investment Board; as well as the manner in which the public may make submittals to the board and may request access to, and copying of, the board's public records. The statutory authority for the rules contained in chapter 287-02 WAC is RCW 34.04.020(2), 42.17.250 and 42.17.260;

Chapter 287-04 WAC Conflict of Interest, WAC 287-04-010 through 287-04-040. The purpose of this

chapter is set forth in WAC 287-04-020 which provides: "The board finds that the trusteeship and investment management of the state's trust and retirement funds demand the highest degree of confidence from the beneficiaries of the funds and the public in general, and the establishment of rules regarding conflict of interest and ethical conduct will promote and sustain public trust and maintain integrity in government."

In furtherance of this purpose, rules of conduct are established for board members and staff to avoid potential or actual conflicts of interest between private interests and public duties. The statutory authority for the rules contained in chapter 287-04 WAC is section 4, chapter 219, Laws of 1981; and

Chapter 287-06 WAC State Environmental Policy Act—Interpretation, WAC 287-06-010. This chapter provides that the activities of the board are exempt from the provisions of Title 197 WAC relating to guidelines for implementing the State Environmental Policy Act. The authority for this rule is RCW 43.21C.120 and WAC 197-10-800(4).

These rules were drafted by John A. Hitchman, Executive Director of the State Investment Board, who, together with the voting members of the board, is responsible for the implementation and enforcement of these rules. The Executive Director's office address and office telephone number are 314 Insurance Building, Olympia, Washington 98504, (206) 753-6810.

TITLE 287 WAC
STATE INVESTMENT BOARD
Chapter 287-02 WAC
PUBLIC RECORDS

WAC

287-02-010 287-02-020 287-02-030 287-02-040 287-02-050 287-02-060 287-02-070 287-02-080 287-02-090 287-02-100 287-02-110 287-02-120 287-02-130 287-02-140	Purpose. Definitions. Description of central and field organization of the State Investment Board. Operations and procedures. Public records available. Public records officer. Office hours. Requests for public records. Copying. Exemptions. Review of denials of public record requests. Records index. State investment board address. Adoption of form.
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NEW SECTION

WAC 287-02-010 PURPOSE. The purpose of this chapter shall be to ensure compliance by the State Investment Board with the provisions of chapter 42.17 RCW dealing with public records.

NEW SECTION

WAC 287-02-020 DEFINITIONS. The following definitions shall apply to this chapter:

- (1) "Public record" includes any writing containing information relating to the conduct of government of the performance of any governmental or proprietary function prepared, owned, used, or retained by any state or local agency regardless of physical form or characteristics.
- (2) "Writing" means handwriting, typewriting, printing, photostating, photographing, and every other means of recording any form of communication or representation, including letters, words, pictures, sounds, or symbols, or combination thereof, and all papers, maps,

magnetic of paper tapes, photographic films and prints, magnetic or punched cards, discs, drums, and other documents.

(3) "State Investment Board" means the Board established by chapter 3, Laws of 1981. The State Investment Board shall hereinafter be referred to as the "Board". Where appropriate, the term State Investment Board also refers to the staff and employees of the board.

NEW SECTION

WAC 287-02-030 DESCRIPTION OF CENTRAL AND FIELD ORGANIZATION OF THE STATE INVESTMENT BOARD. The State Investment Board is a state agency empowered to perform all duties prescribed by law with respect to the investment of trust and public funds. The Administrative Offices of the State Investment Board and its staff are located at 314 Insurance Building, Olympia, Washington.

NEW SECTION

WAC 287-02-040 OPERATIONS AND PROCEDURES. The State Investment Board is charged with the duty to invest certain trust and public funds, as set forth in RCW 43.84.150, and Chapter 3, Laws of 1981. The Board shall meet at least quarterly, at times and locations determined by the board, in order to perform its duties. All such meetings will comply with the open meetings act.

NEW SECTION

WAC 287-02-050 PUBLIC RECORDS AVAILABLE. All public records of the State Investment Board as defined in WAC 287-02-020 are deemed to be available for public inspection and copying pursuant to these rules, except as otherwise provided by RCW 42.17.370.

NEW SECTION

WAC 287-02-060 PUBLIC RECORDS OFFICER. The State Investment Board's public records shall be in the charge of the Public Records Officer designated by the agency. The person so designated shall be located in the Administrative Office of the agency. The Public Records Officer shall be responsible for the following: The implementation of the State Investment Board's rules and regulations regarding release of public records, coordinating the staff of the committee in this regard and generally insuring compliance by the staff with the public records disclosures requirements of chapter 42.17 RCW.

NEW SECTION

WAC 287-02-070 OFFICE HOURS. Public records shall be available for inspection and copying during the customary office hours of the State Investment Board. For the purposes of this chapter, the customary office hours shall be from 8:00 a.m. to 5:00 p.m., Monday through Friday excluding legal holidays.

NEW SECTION

WAC 287-02-080 REQUESTS FOR PUBLIC RECORDS. In accordance with requirements of chapter 42.17 RCW that agencies prevent unreasonable invasions of privacy, protect public records from damage or disorganization, and prevent excessive interference with essential functions of the agency, public records may be inspected or copied or copies of such records may be obtained, by members of the public, upon compliance with the following procedures:

- (1) A request shall be made in writing upon a form prescribed by the State Investment Board which shall be available at its administrative office. The form shall be presented to the public records officer, or to any member of the board's staff, if the public records officer is not available at the administrative office of the board during customary office hours. The request shall include the following information:
 - (a) The name of the person requesting the record;
 - (b) the time of day and calendar date on which the request was made;
 - (c) The nature of the request;
 - (d) If the matter requested is referenced within the current index maintained by the records officer, a reference to the requested record as it is described in such current index;
 - (e) If the requested matter is not identifiable by reference to the board's current index, and appropriate description of the record requested.

(2) In all cases in which a member of the public is making a request, it shall be the obligation of the public records officer or staff member to whom the request is made to assist the member of the public in appropriately identifying the public record requested.

NEW SECTION

WAC 287-02-090 **COPYING.** No fee shall be charged for the inspection of public records. The board shall charge a fee for copying public records not to exceed 50 cents per page. This charge is the amount necessary to reimburse the board for its actual costs incident to such copying.

NEW SECTION

WAC 287-02-100 **EXEMPTIONS.** (1) The board reserves the right to determine that a public record requested in accordance with the procedures outlined in WAC 287-02-080 is exempt under the provisions of RCW 42.17.310.

(2) In addition, pursuant to RCW 42.17.260(1), the board reserves the right to delete identifying details when it makes available or publishes any public record, in any cases when there is reasons to believe that disclosure of such details would be an invasion of personal privacy protected by chapter 42.17 RCW. The public records officer will fully justify such deletion in writing.

(3) All denials of requests for public records must be accompanied by a written statement specifying the reason for denial, including a statement of the specific exemption authorizing the withholding of the record and a brief explanation of how the exemption applies to the record withheld.

NEW SECTION

WAC 287-02-110 **REVIEW OF DENIALS OF PUBLIC RECORD REQUESTS.** (1) Any person who objects to the denial of a request for a public record may petition for review of such decision by rendering a written request for review. The written request shall specifically refer to the written statement by the public records officer or other staff member which constituted or accompanied the denial.

(2) Immediately after receiving a written request for review of a decision denying a public record, the public records officer or other staff member denying the request shall refer it to the executive director of the board. The executive director shall immediately consider the matter and either affirm or reverse such denial. In any case, the request shall be returned with a final decision, within two business days following the original denial.

(3) Administrative remedies shall not be considered exhausted until the executive director has returned the petition with a decision or until the close of the second business day following the denial of inspection, whichever occurs first.

NEW SECTION

WAC 287-02-120 **RECORDS INDEX.** (1) **INDEX.** The Board has available to all persons a current index which provides identifying information as to the following records issued, adopted or promulgated since May 1, 1981.

(a) final opinions, including concurring and dissenting opinions, as well as orders, made in the adjudication of cases;

(b) those statements of policy and interpretations of policy, statute and the constitution which have been adopted by the agency;

(c) administrative staff manuals and instructions to staff that affect a member of the public;

(d) planning policies and goals, and interim and final planning decisions;

(e) factual staff reports and studies, factual consultant's reports and studies, scientific reports and studies, and any other factual information derived from tests, studies, reports or surveys, whether conducted by public employees or others; and

(f) correspondence, and materials referred to therein, by and with the agency relating to any regulatory, supervisory or enforcement responsibilities of the agency, whereby the agency determines, or opines upon, or is asked to determine or opine upon, the rights of the state, the public, a subdivision of state government, or of any private party.

(2) **AVAILABILITY.** The current index promulgated by the board shall be available to all persons under the same rules and on the same conditions as are applied to public records available for inspection.

NEW SECTION

WAC 287-02-130 **STATE INVESTMENT BOARD ADDRESS.** All communications with the board including but not limited to the submission of materials pertaining to its operations and/or the administration or enforcement of chapter 42.17 RCW and these rules, requests for copies of the board's decisions and other matters, shall be addressed as follows: State Investment Board, c/o Public Records Officer, 314 Insurance Building, Olympia, Washington 98504.

NEW SECTION

WAC 287-02-140 **ADOPTION OF FORM.** The board hereby adopts for use by all persons requesting inspection and/or copying or copies of its records, the form set out below entitled "Request for Public Record".

REQUEST FOR PUBLIC RECORDS

Name of Requestor: _____

Address: _____

Phone: _____

Date of Request: _____

Time of Request: _____

Nature of Request:

1. Index Reference _____

2. If not identifiable by reference to the index, then describe the document(s) in detail _____

Signature _____

For Office Use Only:

- | | | | |
|-----|---|---|--|
| (1) | Request
Granted <input type="checkbox"/> | Record
Withheld <input type="checkbox"/> | Record
Withheld
In Part <input type="checkbox"/> |
| (2) | If withheld, name the exemption contained in RCW 42.17.310, which authorized the withholding of the record or part of record. | | |
| (3) | If withheld, briefly explain how the exemption applies to the record withheld. | | |
| (4) | If request granted, time _____, day _____. | | |

NEW SECTION

WAC 287-04-010 **PROMULGATION.** Pursuant to Section 4, chapter 219, Laws of 1981 the board promulgates the following rules relating to conflict of interest and ethical conduct appropriate to the specific needs of the board.

NEW SECTION

WAC 287-04-020 **PURPOSE.** The board finds that the trusteeship and investment management of the state's trust and retirement funds demand the highest degree of confidence from the beneficiaries of the funds and the public in general, and the establishment of rules regarding conflict of interest and ethical conduct will promote and sustain public trust and maintain integrity in government.

NEW SECTION

WAC 287-04-030 **RULES OF CONDUCT.** (1) No board member or staff member shall be involved in any decision by the board to transact business with or through a business entity in which that member has a direct and substantial economic interest, as defined by 42.18 RCW and WSR 80-15-040 (Executive Order 80-16).

(2) No member of the board or its staff, by virtue of his or her position shall, directly or indirectly, give or receive or agree to receive any compensation, gift, reward or gratuity from any source except the State of Washington unless otherwise provided by law, or regulations.

(3) No member of the board or its staff shall, within a period of two (2) years after termination of such service or employment, appear before the board or receive compensation for any services rendered or on behalf of any person, firm, corporation, or association in relation to any case, proceeding, or application with respect to which such person was directly concerned and in which that person personally participated during the period of his or her service or employment.

(4) No member of the board of its staff shall accept employment or engage in business or professional activity which he or she might reasonably expect would require or induce his or her to disclose confidential information acquired by him or her by reason of his or her official position.

(5) No member of the board or its staff shall disclose confidential information gained by reason of his or her official position, nor shall otherwise use such information for his or her personal gain or benefit.

(6) No member of the staff shall have an account with an institutional salesman serving the state.

(7) No member of the board or its staff shall knowingly purchase or sell securities for his or her own account or in an account in which he or she has a beneficial interest in competition in the market place with state trust and retirement funds.

(8) No member of the board or its staff may in any way apply, for his or her account or for an account in which he or she has a beneficial interest, information acquired in the management of the funds which would be detrimental to the funds or in any way be contrary to the best interests of the state trust and retirement funds.

NEW SECTION

WAC 287-04-030 CONFLICT OF EMPLOYMENT. No board or staff member shall accept employment which will adversely affect the performance of that member's official duties, discredit the board or result in a conflict of interest.

Reviser's Note: The typographical error in the above section number occurred in the copy filed by the agency and appears herein pursuant to the requirements of RCW 34.08.040.

Chapter 287-06 WAC STATE ENVIRONMENTAL POLICY ACT— INTERPRETATION

WAC

287-06-010 Exemption from provisions of WAC 197-10-800.

NEW SECTION

WAC 287-06-010 EXEMPTION FROM PROVISIONS OF WAC 197-10-800. The State Investment Board has reviewed its authorized activities and found them all to be exempt from the provisions of Title 197 WAC. This statement is adopted in compliance with the requirement that the board adopt guidelines consistent with Title 197 WAC.

WSR 81-19-121 PROPOSED RULES DEPARTMENT OF ECOLOGY [Filed September 23, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Department of Ecology intends to adopt, amend, or repeal rules concerning motor vehicle emission inspection, amending chapter 173-422 WAC;

that such agency will at 2:00 p.m., Wednesday, October 28, 1981, in the Port Commissioners Chambers, Port of Seattle, Pier 66, Seattle, Washington, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 10:00 a.m., Thursday, November

19, 1981, in the Hearings Room, Department of Ecology, Air and Land Offices, Rowsix, 4224 Sixth Avenue S.E., Lacey, WA.

The authority under which these rules are proposed is RCW 70.120.120.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to November 12, 1981, and/or orally at the hearing above.

Dated: September 23, 1981

By: John F. Spencer
Deputy Director

STATEMENT OF PURPOSE

Title: Amending chapter 173-422 WAC, Motor Vehicle Emission Inspection.

Description of Purpose: Delete Clark County Inspection; Set inspection fee; and Bring regulation into compliance with federal requirements needed to insure performance warranty.

Statutory Authority: RCW 70.120.120.

Summary of Rule: Established motor vehicle emission inspection program in areas where needed to meet air quality standards.

Reasons Supporting Proposed Action: Current air quality projections indicated the inspection not needed in Clark County; RCW 70.120.040(7) requires setting of inspection fee; and Performance warranty desirable to insure that owners of 1981 and later vehicles have full warranty protection.

Agency Personnel Responsible for Drafting, Implementation and Enforcement: John Raymond, Department of Ecology, Mailstop PV-11, Olympia, WA 98504, 459-6261.

Person or Organization Proposing Rule and Whether Public, Private or Governmental: Department of Ecology, state government.

Agency Comments or Recommendations Regarding Statutory Language, Implementation, Enforcement, Fiscal Matters: None.

Whether Rule is Necessary as a Result of Federal Law or Federal or State Court Action: No.

AMENDATORY SECTION (Amending Order DE 79-35, filed 2/28/80)

WAC 173-422-040 NONCOMPLIANCE AREAS. As based on monitoring data and projections for 1982, the following are designated noncompliance areas for the air contaminants specified (these areas are set forth on maps on file with the department):

(1) Carbon monoxide

(a) The following parts of Seattle: the Central Business District, the Rainier Valley Corridor, the University District, and the Fremont District.

(b) The following part of Bellevue: the Central Business District.

(c) In relation to Spokane, analysis of monitoring, data, and projections indicate that the Central Business District of that city may be a noncompliance area for carbon monoxide after December 31, 1982. However, this analysis is based on calculations which do not take into account all various means of emission reduction, other than vehicle inspection, which the city has proposed to implement in the near future. Therefore, no noncompliance area in Spokane is designated at this time. If, on technical analysis, the Spokane program is found to be adequate to achieve carbon monoxide compliance by December 31, 1982, no such noncompliance designation will be made. If the contrary is found, some portion of Spokane will have to be designated a noncompliance area for carbon monoxide. In the meantime, certain zip codes

are set forth in this chapter on a standby basis to describe what the emission contributing area in Spokane County would be if a noncompliance area were designated.

(2) Ozone

((~~(a)~~)) The Central Puget Sound Basin.

((~~(b)~~)) Areas of Clark County as they relate to the Portland, Oregon, metropolitan area of noncompliance.

(3) These areas are as set forth on maps on file with the department.

(a) In relation to the Clark County designation, the area where relevant air quality standards for ozone will probably be exceeded after December 31, 1982, is in fact in Oregon. However, Clark County, Washington, is in a federally designated interstate air quality control region which includes land in both Oregon and Washington. Emissions which originate in Clark County contribute significantly to the noncompliance problem for ozone experienced in Oregon. Emissions to the air do not respect political boundaries. Therefore, in order to comply with federal law, inspections must be conducted in Clark County to reduce Washington state's contribution to a regional problem. State law in Washington explicitly provides that compliance with the Federal Clean Air Act is one of the purposes of the state law.

(b) In relation to Spokane, analysis of monitoring, data, and projections indicate that the Central Business District of that city may be a noncompliance area for carbon monoxide after December 31, 1982. However, this analysis is based on calculations which do not take into account all various means of emission reduction, other than vehicle inspection, which the city has proposed to implement in the near future. Therefore, no noncompliance area in Spokane is designated at this time. If, on technical analysis, the Spokane program is found to be adequate to achieve carbon monoxide compliance by December 31, 1982, no such noncompliance designation will be made. If the contrary is found, some portion of Spokane will have to be designated a noncompliance area for carbon monoxide. In the meantime, certain zip codes are set forth in this chapter on a standby basis to describe what the emission contributing area in Spokane County would be if a noncompliance area were designated.))

AMENDATORY SECTION (Amending Order DE 79-35, filed 2/28/80)

WAC 173-422-050 EMISSION CONTRIBUTING AREAS. Emission contributing areas within which the motor vehicle emission inspection program will apply are designated by the following United States Postal Service ZIP codes as of the effective date of this regulation.

(1) Puget Sound Region

98004	98007
98005	98008
98006	98009
98011	98040
	98043
98020	98052
98027	98055
	98056
	98057
98028	98062
98033	98063
98036	98072
98039	98101 thru 98199,
	inclusive except 98110

(2) Spokane Region. The designations below shall apply only if local programs for reducing motor vehicle related air contaminants by means other than inspection and maintenance are not demonstrated to the satisfaction of the United States Environmental Protection Agency to bring the area hereby designated into compliance with applicable air quality standards by December 31, 1982.

99201	99206
99202	99207
99203	99208
99204	99216
99205	99218

((~~(3)~~)) Clark County.))

((98660))	((98665))
((98661))	((98666))
((98662))	((98667))
((98663))	((98668))
((97664))	((98669))

AMENDATORY SECTION (Amending Order 79-35, filed 2/28/80)

WAC 173-422-060 EMISSION STANDARDS. Motor vehicles subject to this chapter shall meet the following emission standards prior to receiving a certificate of compliance. CO standards apply in emission contributing areas related to noncompliance areas for carbon monoxide. HC standards apply in emission contributing area related to noncompliance areas for ozone.

((Light Duty Vehicles (≤8500 lbs. GVW)

STANDARDS

Model Year	CO (%)		HC (ppm)	
	4 Cyl.	≥4 Cyl.	4 Cyl.	≥4 Cyl.
68-69	8.0	6.0	900	700
70-71	7.0	6.0	600	600
72-74	6.0	5.0	500	400
75 and later	4.0	4.0	300	300
(w/o catalytic converter)				
75 and later	3.0	3.0	250	250
(w catalytic converter))				

STANDARDS

Model Year	Co (%)		HC (ppm)	
	4 or less*	More Than 4 Cyl.	4 or less* Cyl.	More than 4 Cyl.
69	8.0	8.0	1000	1000
70-74	7.0	6.0	900	700
75-80	5.0	4.0	700	650
81 and later	3.0	3.0	300	300

*Includes all rotary engines

((Heavy Duty Vehicles (>8500 lb. GVW)

STANDARDS

Model Year	CO (%)	HC (ppm)
68-69	7.0	900
70-73	5.0	700
74-78	4.0	500
79 and later	3.0	300))

AMENDATORY SECTION (Amending Order DE 79-35, filed 2/28/80)

WAC 173-422-070 TEST PROCEDURES. All persons certified by, or under contract to, the department to conduct motor vehicle emission inspections shall use the following test procedures. Variations to the procedures specified may be used if approved by the department after receipt of evidence that such changes will not interfere with the validity of the test.

(1) An idle mode test shall be used to measure vehicle exhaust emissions for carbon monoxide, hydrocarbons, and carbon dioxide.

(2) The engine shall be at normal operating temperature during the emission test with all accessories off.

(3) Any vehicle causing an unsafe condition, such as the continuous leaking of any fluid onto the floor, may be rejected from the inspection site.

(4) Vehicles shall be approximately level during the test.

(5) Vehicles with more than one exhaust pipe ((~~may~~)) shall be tested ((either)) by ((simultaneous sampling of all tail pipes or)) sampling each tail pipe and averaging the results.

(6) The following steps shall be taken to prevent excessive dilution. The exhaust sample probe must be inserted at least ten inches into the tail pipe. If this is not possible, an extension boot shall be used. The exhaust emission test results shall not be recorded if the carbon dioxide concentration does not exceed ((~~seven~~)) five percent.

(7) If the engine stalls during the test, the ((test)) engine shall be restarted and one additional attempt will be made to complete the test.

(8) If a vehicle is capable of being operated with either gasoline or gaseous fuels, the vehicle shall be tested using the fuel it is operating on when it enters the testing facility.

(9) If a multiple range analyzer is used, the exhaust analyzer range shall be selected so that the standard for the vehicles being tested is between twenty-five percent and seventy-five percent of full scale, if possible.

(10) The engine shall be accelerated to one-third to one-half throttle (about 2500 rpm), with the transmission in neutral or park, and held there for fifteen seconds. ~~((A shorter conditioning time may be used if the contractor establishes an emission stabilization measurement procedure approved by the department.))~~

~~(11) ((The accelerator shall then be released and the engine operated at idle, with the transmission in neutral or park, for ten to twenty seconds)) With the engine idling, insert the probe into the tailpipe for at least thirty seconds. The exhaust emissions averaged over the last five seconds shall then be recorded. A shorter testing time may be used if the emission stabilization procedure in WAC 173-422-110(2)(d) is used.~~

(12) A loaded (dynamometer) test may be used when authorized by the department. However, all requirements of the idle mode test shall be met and idle emission data recorded.

(13) No emission test shall be conducted with any analyzer that is not operating within all required specifications.

AMENDATORY SECTION (Amending Order DE 79-35, filed 2/28/80)

WAC 173-422-080 VEHICLE INSPECTION DATA HANDLING PROCEDURES. All persons ~~((certified by, or))~~ under contract to ~~((the))~~ ~~((department))~~ state to conduct motor vehicle emission inspections shall use the following data handling procedures.

(1) The comparison of the test results with the state's emission standards shall be automated.

(2) The emission test results, the comparison with the state's emission standards, and certificates of compliance shall be automatically printed.

(3) The required vehicle identification data shall be entered and validated before the emission test is started.

(4) Vehicle identification data flagged as incorrect by the established validation checks shall be corrected before the emission test is started.

(5) The emission test results shall be automatically printed.

(6) All required data shall be automatically printed on the vehicle inspection reports and stored on bulk storage devices.

(7) In the case of data handling equipment problems, the vehicle emission test reports and certificates of compliance may be manually completed, but all the data is required to be included on the bulk storage devices submitted to the department. Penalties for excessive manual operation may be assessed.

AMENDATORY SECTION (Amending Order DE 79-35, filed 2/28/80)

WAC 173-422-090 EXHAUST ANALYZER SPECIFICATIONS. Only exhaust analyzers meeting the following specifications may be used for certification testing. The department will maintain a list of analyzers that have been certified by the manufacturers as meeting the specifications. The department does not require the use of these analyzers or guarantee the performance of these analyzers. The inspection facility contractor or fleet/dealer authorized by the department to certify vehicles is solely responsible for insuring that the testing equipment is operating within the following specifications.

(1) Accuracy: The readings of the exhaust analyzers compared to the true value of a measured sample shall have the following accuracy tolerances.

<u>HC</u> - Measured as n - hexane	
0 to 1000 ppm	±30 ppm
1000 to 2000 ppm	±100 ppm
<u>CO</u>	
0 to 5%	±0.2 %
5 to 10%	±0.5 %
<u>CO₂</u>	
0 to 12%	±1%

(2) Calibration: The analyzer shall have the capability of being calibrated electronically and/or by gas.

(3) Drift: The drift of the zero reading or any calibration reading of each analyzer shall not exceed ±20 ppm HC, ±0.1% CO and ±.5% CO₂ in one hour.

(4) Flow restriction indicator: The analyzer shall be operated within manufacturer's specifications for sample flow. The sampling system shall be equipped with a visual and/or audible warning that sample flow is not within operating requirements.

(5) Interference effects: Sampling the following concentrations of noninterest gases shall not cause the HC reading to change ±10 ppm: 15% CO₂ in N₂, 10% CO in N₂, 3000 ppm NO in N₂, 10% O₂ in N₂, and 3% H₂O vapor in air.

Sampling the following concentrations of noninterest gases shall not cause the CO reading to change ±0.05%: 15% CO₂ in N₂, 1600 ppm HC in N₂, 3000 ppm NO in N₂, 10% O₂ in N₂, and 3% H₂O vapor in air.

Sampling the following concentrations of noninterest gases shall not cause the CO₂ reading to change ±0.5%: 1600 ppm HC in N₂, 10% CO in N₂, 3000 ppm NO in N₂, 10% in O₂ in N₂, and 3% H₂O vapor in air.

(6) Repeatability: The repeatability of the exhaust analyzers used shall be within ±10 ppm HC, ±.05% CO and ±0.2% CO₂ during five successive measurements of the same sample.

(7) Response: The response of the exhaust analyzers shall be at least ~~((ninety))~~ ninety-five percent of the final value within ~~((ten))~~ fifteen seconds.

(8) Sensitivity: The sensitivity of each analyzer shall be 10 ppm HC, .05% CO and 0.2% CO₂.

(9) Temperature and humidity operating range: The analyzer shall be capable of meeting all specifications from zero to eighty-five percent relative humidity and 35°F to 110°F temperature.

(10) Range of Measurement: The analyzer shall have a range of 0-2000 ppm HC (n-Hexane), 0 to 10% CO, and 0 to at least 10% CO₂.

AMENDATORY SECTION (Amending Order DE 79-35, filed 2/28/80)

WAC 173-422-100 TESTING EQUIPMENT MAINTENANCE AND CALIBRATION. (1) Unless alternative procedures have been approved or required by the department all equipment used in the inspection shall be calibrated and maintained according to the manufacturer's specifications and recommendations. Complete logs as approved by the department shall be kept for maintenance, repair, and calibration.

(2) The following procedures shall be followed by all testing facilities unless equivalent procedures have been approved by the department. Exhaust analyzers shall be warmed up for at least thirty minutes prior to performing any test or equipment, calibration, span, or zero checks:

(a) Each test. Before each test can start, the exhaust analyzer readings must be less than 20 ppm HC, 0.1% CO and 0.5% CO₂. If during a test the sampling system flow restriction indicator becomes activated, the test shall be stopped and restarted after the necessary repairs to the analyzer have been completed.

~~((After each test with a hydrocarbon reading of less than 2000 ppm, the hydrocarbon reading of the exhaust analyzer must return to less than 60 ppm HC within thirty seconds. The carbon monoxide reading must return to less than 0.1% CO within thirty seconds after each test. Tests not meeting this requirement will be invalidated. The analyzer shall not be used for certification testing until the sampling system particulate filter(s) have been replaced and/or other necessary repairs completed.))~~

(b) Hourly check. The exhaust analyzer shall not be used to test vehicles unless within an hour prior to the test it was spanned with a calibration gas. The following procedure shall be used:

(i) Adjust the exhaust analyzer using the electronic span.
(ii) Adjust the exhaust analyzer to zero using ambient air or zero calibration gas.

(iii) Check the calibration of the exhaust analyzer using a calibration gas ~~((of approximately eighty percent of each range))~~ with a CO concentration of 0.6 to 2.4% and a HC concentration 110 to 440 ppm measured as n-hexane.

(iv) Adjust and repair as necessary to insure the accuracy specified in WAC 173-422-090.

(v) If adjustments or repairs were performed, check and adjust the electronic span and zero, then check the span point using the calibration gas without further adjustments. The analyzer shall not be used for certification testing unless all readings are within the accuracy limits specified in WAC 173-422-090.

(c) Monthly check. The exhaust analyzer shall not be used to test vehicles unless a multipoint calibration has been performed within the last thirty days. The following procedure shall be used:

- (i) Adjust the exhaust analyzer using the electronic span.
- (ii) Adjust the exhaust analyzer to read zero using zero calibration gas.
- (iii) Check the calibration of the exhaust analyzer using calibration gases of approximately twenty, forty, sixty, and eighty percent for each range.
- (iv) Adjust and repair as necessary to insure the accuracy specified in WAC 173-422-090 at each calibration point.

(v) If adjustments or repairs were performed, check and adjust the electronic span and zero, then check calibration points using the calibration gases without any further adjustments. The analyzer shall not be used for certification testing unless all readings are within the required accuracy limits upon completion of the calibration procedure. If the barometric pressure was not within the range of 1002 to 1023 millibars (29.62 "to 30.21" Hg) corrected to sea level during the calibration procedure the calibration procedure may be repeated when the barometric pressure is within the specified range.

(d) Repair check. A multipoint calibration as specified in WAC 173-422-100(c) shall be performed before the analyzer is used for certification testing following the replacement of an optical or electronic component that can cause a variation in the analyzer reading.

The manufacturer's recommended procedures to determine any change in the correction factor from the propane calibration gas to n-hexane readings shall be followed.

(c) Leak check. The exhaust analyzer shall not be used to test vehicles unless within one week prior to the testing, CO readings have been taken while introducing calibration gas through the calibration port and through the probe. Discrepancies of over 3% in the readings shall require repair of leaks. No analyzer adjustments shall be permitted during this check.

AMENDATORY SECTION (Amending Order DE 79-35, filed 2/28/80)

WAC 173-422-110 DATA SYSTEM REQUIREMENTS. The data system shall consist of the following units:

(1) Vehicle identification terminal. The vehicle identification terminal shall have a standard typewriter formatted keyboard with a visual display to verify data entered. The data entered shall be transferred to the programmable processor on command.

(2) Programmable processor. The programmable processor shall perform the following functions:

(a) Accept and validate vehicle and test data required in WAC 173-422-140 from the vehicle identification terminal, exhaust analyzer, or other sources. Indicate on the vehicle identification terminal any data entered that does not meet the validation criteria.

(b) Convert analog emission measurements to digital information for each analyzer range.

(c) Verify that there is no excessive dilution of the exhaust sample by determining the carbon dioxide concentration and provide carbon dioxide output signal to printer and bulk storage device.

(d) Compare test results to the state's emissions standards. ((The carbon dioxide concentration and emission test results shall be determined by the arithmetic mean of five successive instantaneous readings at one second intervals. For the test results to be recorded the five readings shall not vary more than ten percent of the standard from each other.)) Test results shall be determined by averaging five consecutive readings taken at one second intervals, at fifteen seconds after the probe has been inserted into the tailpipe. The results shall be considered stable and recorded if the five readings do not vary more than ten percent of their average or 30 ppm HC, or 0.2% CO, or 1% CO₂ from their average, whichever is greater. If stability has not occurred before thirty seconds of testing, the thirty second reading along with four other consecutive readings shall be averaged and recorded as the result.

(e) Outputs vehicle and test data and established standards for report printout.

(f) Outputs vehicle and test data for storage on bulk storage devices.

(3) Report printer. The report printer shall print the vehicle inspection report and the certificate of compliance. The forms used shall be provided or approved by the department.

(4) Bulk storage devices. All data from the vehicle inspection report and the certificate of compliance shall be written on the bulk storage devices at the same time the printed report(s) are produced.

The data handling system shall be so designed to prevent any data changes on the bulk storage devices that would eliminate or alter the original entry.

Inspection shall be redone if errors result in an incorrect vehicle inspection report.

To insure that the bulk storage devices are compatible with the state's data processing equipment, all bulk storage devices and data handling methods used by the contractor shall be expressly approved by the department.

AMENDATORY SECTION (Amending Order DE 79-35, filed 2/28/80)

WAC 173-422-130 INSPECTION FEES. A fee of ten dollars shall be collected for the first emission test on each vehicle applicable to each vehicle license year. If the vehicle fails, one retest will be provided free of charge at any inspection station operated by the contractor who collected the fee, provided that the retest is requested within sixty days of the initial test and other requirements specified in WAC 173-422-140 are met. Any additional retests applicable to the same vehicle license year will require the payment of the same fee charged for the initial test.

The amount of the fee to be charged and the part thereof to be returned to the state will be established by rule, after competitive bidding procedures for the operation of the inspection program have been completed.

Inspection station operators shall forward to the department within ten working days after the end of each month, the amount of fees due to the state for inspections conducted during the month.

The department or its designee shall have the right to audit any inspection station operator's or contractor's records and procedures to substantiate that the operator or contractor is properly collecting and accounting for such fees.

AMENDATORY SECTION (Amending Order DE 79-35, filed 2/28/80)

WAC 173-422-140 INSPECTION FORMS AND CERTIFICATES. All inspection stations shall use inspection forms and certificates provided or approved by the department. Additional diagnostic information may be provided to the vehicle operator. Other materials may be given the vehicle operator only if approved by the department.

(1) Vehicle inspection report: The driver of each vehicle tested shall be given a vehicle inspection report on a form to be provided or approved by the department. The inspection station operator shall provide the following information.

(a) Station number (lane number).

(b) Date and time of test(s).

(c) Who conducted the test(s) (name or identification number).

(d) Vehicle identification number (VIN).

(e) Odometer reading in thousands of miles.

(f) Vehicle license number.

(g) Vehicle model year.

(h) Make of the vehicle.

(i) Number of cylinders.

(j) Whether or not the vehicle was manufactured with a catalytic converter.

(k) Gross vehicle weight class.

(l) Emission test results.

(m) Applicable standards.

(n) Whether the vehicle has passed or failed the appropriate emission standards.

(o) Carbon dioxide reading.

(p) When and who issued a certificate of compliance or acceptance (name or identification number).

(q) First test or retest.

(r) All other information required on the form.

(2) Certificate of compliance: The driver of a vehicle meeting the appropriate emission standards shall be issued a certificate of compliance. A vehicle failing the initial test shall be allowed one free retest within sixty days of the initial test ~~((- providing the driver presents the initial inspection report with appropriate repair information recorded))~~.

(3) Certificate of acceptance: If a vehicle has failed to pass the emission test applicable to any vehicle license year, the vehicle owner may request a certificate of acceptance. To receive the certificate of acceptance, the vehicle owner must provide documentation of repairs completed.

A certificate of acceptance may be issued only if costs of repairs and/or parts solely devoted to meeting the emission standards exceeded fifty dollars. Original receipts for such repairs and parts must be provided.

(4) Form storage: Copies of each certificate of compliance/acceptance, and all vehicle inspection reports (~~and repairs and/or parts receipts~~) shall be kept on file by the contractor and be available for the department's review for one year after they are issued. This requirement includes forms that are voided for any reason.

(5) Reporting: The inspection station operator shall forward to the department within ten working days after the end of each month (a) an approved storage device containing all data collected from each inspection conducted that month, and (b) a copy of all certificates of acceptance (~~and~~) issued that month along with the related vehicle inspection reports (~~issued that month~~) and repair and/or parts receipts.

Before the storage device is forwarded to the department, a backup bulk storage device shall be in the possession of the contractor. The backup bulk storage device shall be retained for one year and be available to the department upon request.

AMENDATORY SECTION (Amending Order DE 79-35, filed 2/28/80)

WAC 173-422-160 FLEET/DEALER TESTING REQUIREMENTS. Self-inspection of vehicles by a fleet (~~operator~~) owner/agent or dealer will be authorized by the department if the following requirements are met:

(1) The exhaust analyzers used for certification testing meet the specifications in WAC 173-422-090 except that CO₂ need not be measured.

In order to utilize existing equipment as much as possible, the department may allow fleet (~~operators~~) owner/agent or dealers to use analyzers that do not meet all the specifications of WAC 173-422-090 if the analyzers were purchased prior to (~~the effective date of this regulation~~) December 31, 1981.

To qualify for this exception, the fleet (~~operator~~) owner/agent or dealer must request a waiver for each analyzer, demonstrate to the satisfaction of the department that the analyzer and procedures being used will provide satisfactory emission tests, and obtain approval from the department prior to using the analyzer for certification testing. Any analyzer model that has been approved by the State of California Bureau of Automotive Repair will qualify for this exception.

(2) At least one mechanic is certified as having successfully completed emission control training course(s) on emission related repairs and adjustments and/or pass a performance examination approved by the department.

(3) The fleet operator or dealer agrees to comply with all provisions of this chapter except WAC 173-422-080, 173-422-100(2)(c), 173-422-110, 173-422-130, 173-422-140(5), and 173-422-150. The check specified in WAC 173-422-100(2)(b) (i) and (ii) shall be performed within one hour prior to the test. The complete check specified in WAC 173-422-100(2)(b) shall have been performed within one week prior to the test. Fleet vehicles may be inspected anytime between their scheduled license renewals. (~~Fleet vehicles registered to firms within the emission contributing areas, but garaged and normally operated outside the emission contributing areas, will not have to be tested. Statements to this effect shall be submitted to the department of licensing and copies retained for department of ecology audit.~~)

(4) The department will provide test forms to the fleet owner or dealer upon request. Fully completed forms with appropriate signatures will constitute Certificates of Compliance for licensing purposes. Each fleet (~~operator and~~) owner or dealer conducting testing under this section shall forward to the department within ten working days after the end of each month, (~~an amount to be established by rule for each certificate of compliance or acceptance issued. This fee shall be uniform statewide and shall approximate the amount to be returned by the contractor(s) as provided under WAC 173-422-130~~) a copy of each Certificate of Compliance issued and \$1.50 for each certificate. Copies of each Certificate of Compliance shall be retained by the fleet owner or dealer for at least one year from date of license renewal and be available during normal business hours for department inspection and audit.

(5) Fleet agents conducting tests for fleet owner(s) in addition to other requirements of this section, except (4) must sign and retain a copy of each Certificate of Compliance for two years after the testing. The check specified in WAC 173-422-100(2)(b) in addition to being

required weekly shall be performed after each relocation of the analyzer.

AMENDATORY SECTION (Amending Order DE 79-35, filed 2/28/80)

WAC 173-422-170 EXEMPTIONS. The following motor vehicles are exempt from the inspection requirement:

(1) Vehicles proportionally registered pursuant to chapter 46.85 RCW.

(2) Vehicles whose model year when subtracted from the calendar year equals or exceeds fourteen.

(3) New motor vehicles whose equitable or legal title has never been transferred to a person who in good faith purchases the vehicle for purposes other than resale; this does not exempt motor vehicles that are or have been leased.

(4) Motor vehicles that use propulsion units powered exclusively by electricity.

(5) (~~Motorcycles~~) Motor-driven cycles as defined by RCW 46.04.332.

(6) Motor vehicles powered by diesel engines.

(7) Farm vehicles.

(8) Vehicles exempted from licensing pursuant to RCW 46.16.010.

(9) Mopeds as defined by RCW 46.04.304.

(10) Vehicles garaged and operated out of the emission contributing area (a) more than six months during the registration year or (b) for less than six months and not returning prior to the registration renewal date, may be exempted provided the registered owner/authorized agent provides a notarized statement or statement witnessed by a vehicle licensing agent which includes:

(i) The registered owner's name and address.

(ii) Date of departure from and return to the emission contributing area.

(iii) For vehicles to be exempted under (b), a statement that the vehicle will not be returning to the emission contributing area prior to the registration renewal date and that within thirty days after returning to the emission contributing area, a valid certificate of compliance or acceptance will be obtained.

Persons making false statements to secure exemptions are punishable under RCW 9A.72.040 (a gross misdemeanor) and RCW 46.12.160 (cancellation of vehicle registration).

WSR 81-19-122

PROPOSED RULES

BOARD OF PHARMACY

[Filed September 23, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Washington State Board of Pharmacy intends to adopt, amend, or repeal rules concerning the adding of new chapter 360-48 WAC, 360-48-010, 360-48-020, 360-48-030, 360-48-040, 360-48-050, 360-48-060, 360-48-070, 360-48-080 and 360-48-090;

that such agency will at 1:00 p.m., Thursday, October 29, 1981, in the Burien Police Department, 14905 6th S.W., Burien, WA, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 1:00 p.m., Thursday, October 29, 1981, in the Burien Police Department, 14905 6th S.W., Burien, WA.

The authority under which these rules are proposed is section 1, chapter 50, Laws of 1981 and RCW 69.41.075.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to October 29, 1981, and/or orally at 1:00

p.m., Thursday, October 29, 1981, Burien Police Department, 14905 6th S.W., Burien, WA.

Dated: September 23, 1981

By: Donald H. Williams
Executive Secretary

STATEMENT OF PURPOSE

Name of Agency: Washington State Board of Pharmacy.

Purpose: The purpose of these rules is to provide standards and guidelines for the introduction into intrastate commerce of DMSO (dimethyl sulfoxide).

Statutory Authority: Section 1, chapter 50, Laws of 1981 and RCW 69.41.075.

Summary of the Rules: WAC 360-48-010 Availability; 360-48-020 License; 360-48-030 License Application; 360-48-040 Good Manufacturing Practices; 360-48-050 Purity; 360-48-060 Contents; 360-48-070 Labeling; and 360-48-080 Other Forms of DMSO.

Reason Proposed: These rules are proposed to implement the mandate of section 1, chapter 50, Laws of 1981.

Responsible Personnel: In addition to the members of the board, the following Board of Pharmacy personnel have knowledge of and responsibility for drafting, implementing and enforcing these rules: Donald W. Williams, Executive Secretary, W.E.A. Building, 319 E. 7th Ave., Olympia, WA 98504, 234-6834 Scan, 753-6834 Comm.

Proponents: These rules were proposed by Task Force for DMSO established by the Washington State Board of Pharmacy.

Agency Comments: These rules were promulgated pursuant to the authority contained in RCW 69.41.075 and section 1, chapter 50, Laws of 1981.

CHAPTER 360-48 WAC DIMETHYL SULFOXIDE (DMSO)

WAC	
360-48-010	AVAILABILITY.
360-48-020	LICENSE.
360-48-030	LICENSE APPLICATION.
360-48-040	GOOD MANUFACTURING PRACTICES.
360-48-050	PURITY.
360-48-060	CONTENTS.
360-48-070	LABELING.
360-48-080	OTHER FORMS OF DMSO.

NEW SECTION

WAC 360-48-010 AVAILABILITY. DMSO for topical use (i.e., for application to the skin) shall be available in intrastate commerce to the citizens of the state of Washington in accordance with all applicable state laws and regulations.

NEW SECTION

WAC 360-48-020 LICENSE. Manufacturers and/or wholesale distributors of DMSO shall be licensed by the state board of pharmacy, as provided in RCW 18.64.045 and/or RCW 18.64.046.

NEW SECTION

WAC 360-48-030 LICENSE APPLICATION. Applications for the manufacture of DMSO for use pursuant to chapter 69.04 RCW shall be filed with the board of pharmacy. Such applications shall include:

- (1) A full list of the articles used as components of such drug;
- (2) A full statement of the composition of such drug;

(3) A full description of the methods used in, and the facilities and controls used for, the manufacture, processing, and packing in such drug;

(4) Such samples of such drug and of the articles used as components thereof as the board may require; and

(5) Specimen of the labeling proposed to be used for such drug;

(6) Specific information under the following section headings and in the following order:

- (a) Description.
- (b) Clinical Pharmacology.
- (c) Indications and Usage.
- (d) Contraindications.
- (e) Warnings.
- (f) Precautions.
- (g) Adverse Reactions.
- (h) Overdosage.
- (i) Dosage and Administration.
- (j) How Supplied.

NEW SECTION

WAC 360-48-040 GOOD MANUFACTURING PRACTICES. Manufacturers of DMSO shall conform to the standards for good manufacturing practices of finished pharmaceuticals, as provided in WAC 360-46-010 through 360-46-150. Further, manufacturers shall comply with the state Food, Drug, and Cosmetic Act, chapter 69.04 RCW.

NEW SECTION

WAC 360-48-050 PURITY. (1) Certification of batches of DMSO shall be made under the direction of the state board of pharmacy, with the costs for required testing, including purity and potency, to be borne by the manufacturer and/or wholesale distributor. The manufacturer and/or wholesale distributor shall be held totally responsible for the quality of the drug product, in accordance with RCW 18.64.270.

Such batch testing shall be required upon commencement of manufacture of DMSO and thereafter as the state board of pharmacy shall require.

(2) DMSO shall be packaged in tightly closed light resistant glass containers. Such containers, including lids, caps, or other closures, shall have been tested by the DMSO manufacturer and shown not to interact with the contents. Such test results must be submitted to the state board of pharmacy upon request.

NEW SECTION

WAC 360-48-060 CONTENTS. DMSO made available to the public for topical use, must contain purified dimethyl sulfoxide (meeting or exceeding FDA approved drug grade) and in addition may contain one or more of the following ingredients:

- Carboxypolymethylene (pharmaceutical grade)
- Sodium Carbonate, USP
- Sodium Chloride, USP
- Urea, USP
- Purified Water, USP

Any batch found to contain any ingredient not on the above list shall result in the product being declared to be adulterated in accordance with RCW 69.04.430.

NEW SECTION

WAC 360-48-070 LABELING. (1) The labeling of DMSO shall include the following:

(a) The name and place of business of the manufacturer, the packer, and the distributor. (Each one must appear.)

(b) A statement to the effect that the product originated within the state of Washington.

(c) Adequate directions for use under which a lay person can use the drug safely and for the purposes for which it is intended.

(d) Statements of those conditions, purposes, or uses for which such drug is intended, recommended, or suggested in any oral, written, printed, or graphic advertising, except that such statements shall not refer to conditions, uses, or purposes for which the drug can be safely used only under the supervision of a practitioner licensed by law and for which it is advertised solely to such practitioner.

(e) The dosage for each of the uses for which it is intended and usual quantities for persons of different physical conditions.

- (f) Frequency of application.
- (g) Duration of application.
- (h) Time of application (in relation to time of meals, time of onset of symptoms, or other time factors).
- (i) Method of application.
- (j) Preparation for use, i.e., shaking, dilution, adjustment of temperature, or, other manipulation or process.
- (k) The proprietary name of the drug.
- (l) The established name of the drug.
- (m) An identifying lot or control number.
- (n) The expiration date.
- (o) The strength of the solution expressed as a percentage weight in volume at 68° F. (20° C.).
- (p) Net contents of container.
- (q) Warnings: The labeling shall describe serious adverse reactions and potential safety hazards, limitations in use, and steps that should be taken if they occur. The labeling shall be revised to include a warning as soon as there is reasonable evidence of an association of a serious hazard with the drug; a causal relationship need not have been proved. Notwithstanding any warning labeling developed by the manufacturer, all immediate containers of DMSO must prominently show the following warnings:
 - (i) "For EXTERNAL USE ONLY"
 - (ii) "Warning -Do not use otherwise than as directed. Keep out of the reach of children to avoid accidental poisoning."
 - (iii) "Caution -Discontinue use if excessive irritation of the skin develops. Avoid getting into the eyes or on mucous membranes."
 - (iv) "Caution -If pain persists for more than 10 days, consult a physician."
 - (v) "In conditions affecting children under 12 years of age consult a physician."
 - (vi) "In case of accidental ingestion, seek professional assistance or contact a Poison Control Center immediately."
 - (vii) "There is no evidence that this product may be safely used by pregnant women or nursing mothers."
 - (viii) "Warning -Be sure that skin is clean before using this product, which is a powerful solvent. Grease, chemicals, or any other substance could be absorbed into the skin along with the DMSO."
- (r) Disclaimer. Each label must state:

"DMSO has not been approved under federal law for use in interstate commerce in the treatment of any condition or disease state other than interstitial cystitis. Testing for safety and efficacy has not been performed by any agency of the State of Washington. Persons using this product do so at their own risk."
- (s) Label locations. The immediate container label must show items: a, c, f, i, k, l, m, n, o, p, q, and r. All other information may be shown as a patient package insert which must be attached to the container when sold.

NEW SECTION

WAC 360-48-080 OTHER FORMS OF DMSO. The board of pharmacy hereby declares that all forms of DMSO, for other than topical use, are legend drugs as defined in chapter 69.41 RCW.

Such other forms shall meet all of the other requirements of this chapter.

WSR 81-19-123
PROPOSED RULES
CHIROPRACTIC EXAMINING BOARD
 [Filed September 23, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Washington State Chiropractic Examining Board intends to adopt, amend, or repeal rules concerning Colleges—Educational standards required for accreditation, amending WAC 114-12-041;

that such agency will at 6:30 p.m., Tuesday, October 27, 1981, in the Swept Wing Inn, 18601 Pacific Highway South, Seattle, WA, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 6:30 p.m., Tuesday, October 27, 1981, in the Swept Wing Inn, 18601 Pacific Highway South, Seattle, WA.

The authority under which these rules are proposed is RCW 18.25.025.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to October 27, 1981, and/or orally at 6:30 p.m., Tuesday, October 27, 1981, Swept Wing Inn, 18601 Pacific Highway South, Seattle, WA.

Dated: September 21, 1981

By: Joanne Redmond
 Assistant Administrator

STATEMENT OF PURPOSE

Name of Agency: Washington State Chiropractic Examining Board.

Purpose: To change the minimum required grade point average for chiropractic college students to a 2.00 grade average.

Statutory Authority: RCW 18.25.025.

Summary of the Rule: WAC 114-12-041 Colleges—Educational Standards Required for Accreditation. Amending (5)(b) from a 2.25 grade average to a 2.00 grade average.

Reason Proposed: It appeared that a significant number of chiropractic colleges would not be able to meet the current student grade point requirement.

Responsible Departmental Personnel: In addition to the members of the board, the following Department of Licensing personnel have knowledge of and responsibility for drafting, implementing and enforcing these rules: Joanne Redmond, Assistant Administrator, Third Floor, Highways—Licenses Bldg., Olympia, WA 98504, 234-2205 Scan, 753-2205 Comm.

Agency Comments: This amendment was proposed by the Chiropractic Examining Board.

AMENDATORY SECTION (Amending Order PL 371, filed 2/6/81)

WAC 114-12-041 COLLEGES—EDUCATIONAL STANDARDS REQUIRED FOR ACCREDITATION. (1) Objectives—the college shall:

- (a) Have clearly defined objectives.
- (2) Administration and organization—the college shall:
 - (a) Be incorporated as a non-profit institution and recognized as such by its state of domicile.
 - (b) Have full-time administrator.
 - (c) Have either a president or a dean of education with a doctor of chiropractic degree.
 - (d) Adopt policy of non-discrimination as to national origin, race, religion, or sex.
- (3) Education offerings—the college shall:
 - (a) Provide educational offerings which prepare the student for successfully completing licensing examination and engaging in practice.
 - (b) Offer an educational program with a minimum of 4,000 in-class hours provided over a four year academic term.
 - (c) Have available syllabi for all courses.
 - (d) Offer chiropractic curriculum as follows: principles of chiropractic - 200 in-class hours; adjustive technique - 400 in-class hours; spinal roentgenology - 175 in-class hours; symptomatology and diagnosis - 425 in-class hours; clinic - 625 in-class hours.
 - (e) Offer 80 percent of the "principles of chiropractic" hours as study of the philosophy of chiropractic.
 - (f) Not include mechanotherapy, physiotherapy, acupuncture, acupressure, or dietary therapy or any other therapy in computation of the qualifying 4,000 classroom hours.

(g) Maintain a clinical program sufficient to fulfill the objectives of the college.

(4) Faculty—the college shall:

(a) Provide sufficient faculty to support the educational program of the college.

(5) Students—the college shall:

(a) Select students on a non-discriminatory basis.

(b) Require that students maintain a ((2.25)) 2.00 grade average and have no chiropractic subject grade less than 2.0.

(c) Require the student to complete a four-year academic program which meets all requirements of statute and rule for licensing to practice chiropractic in Washington state.

(6) Physical facilities and equipment—the college shall:

(a) Maintain a library of size and quality sufficient to serve the educational program.

(b) Maintain a basic plant that facilitates the educational program.

(c) Maintain clinic facilities that are of sufficient size and equipped appropriately to serve the student.

(7) Financial—the college shall:

(a) Have adequate present and anticipated income to sustain a sound educational program.

(b) Have well formulated plans for financing existing and projected education programs.

(c) Have an annual audit of financial records by a CPA.

(d) Make records available for review by the board upon request.

(8) Self-evaluation—the college shall:

(a) Have a program of continuing self-evaluation and such evaluation must be made available upon request by the board.

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

WSR 81-19-124

PROPOSED RULES

DEPARTMENT OF LICENSING

(Board of Medical Examiners)

[Filed September 23, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Washington State Medical Examining Board intends to adopt, amend, or repeal rules concerning CME requirements during cycle revision, new WAC 308-52-406;

that such agency will at 7:00 p.m., Friday, November 6, 1981, in the Auditorium, Swedish Hospital Medical Center, 747 Summit Avenue, Seattle, WA, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 7:00 p.m., Friday, November 6, 1981, in the Auditorium, Swedish Hospital Medical Center, 747 Summit Avenue, Seattle, WA.

The authority under which these rules are proposed is RCW 18.71.080.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to November 6, 1981, and/or orally at 7:00 p.m., Friday, November 6, 1981, Auditorium, Swedish Hospital Medical Center, 747 Summit Avenue, Seattle, WA.

Dated: September 21, 1981

By: Chris Rose

Administrative Assistant

STATEMENT OF PURPOSE

Name of Agency: Washington State Board of Medical Examiners.

Purpose: Under the current reporting system most physicians must report their CME in the same year. This proposed rule would reschedule the CME reporting so that the CME work level would be more evenly distributed.

Statutory Authority: RCW 18.71.080.

Summary of the Rule: WAC 308-52-046 CME Requirements During Cycle Revision. Amends the three-year CME cycle so that approximately one-third of the licensed physicians will report their CME in each calendar year.

Reason Proposed: To allow for more efficient staff utilization during CME review and audit.

Responsible Departmental Personnel: In addition to members of the board, the following Department of Licensing personnel have knowledge of and responsibility for drafting, implementing and enforcing these rules: Chris Rose, Administrative Asst., Third Floor, Highways-Licenses Bldg., Olympia, WA 98504, 234-2205 Scan, 753-2205 Comm.

Proponents: These amendments were proposed by the Washington State Board of Medical Examiners.

NEW SECTION

WAC 308-52-406 CME REQUIREMENTS DURING CYCLE REVISION. (1) The current three year CME cycle will be revised so that approximately one-third of the licensed physicians will report their CME in each calendar year.

(2) During the implementation of the revised CME cycle, physicians must show evidence of continuing medical education as follows:

(a) Current licensees as of January 1, 1982.

(i) Physicians whose last name initial is A through G must have obtained at least fifty hours of CME by their renewal date in 1983.

(ii) Physicians whose last name initial is H through O must have obtained at least one hundred hours of CME by their renewal date in 1984.

(iii) Physicians whose last name initial is P through Z must have obtained one hundred and fifty hours by their renewal date in 1985.

(b) New Licensees. Applicants who qualify for licensure after January 1, 1982 will comply with the CME requirements then in effect.

(3) CME category maximum. Physicians who report fifty or one hundred hours of CME shall reduce the CME category maximum in WAC 308-52-415 on a prorata basis as follows:

(a) For fifty hours requirement a maximum of thirty category I hours and a maximum of twenty credit hours in each of the other categories will be accepted.

(b) For one hundred hours requirement a maximum of sixty category I hours and forty credit hours in each of the other categories will be accepted.

(4) After the revision is complete in 1985 all physicians will report one hundred and fifty hours every three years as required by WAC 308-52-405.

WSR 81-19-125

PROPOSED RULES

BOARD OF HEALTH

[Filed September 23, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Washington State Board of Health intends to adopt, amend, or repeal rules concerning rules and regulations of the State Board of

Health governing mobile home parks, chapter 248-75 WAC;

that such agency will at 9:00 a.m., Wednesday, November 18, 1981, in the Auditorium, Room 140, Spokane County Health District, West 1101 College Avenue, Spokane, WA, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 9:00, Wednesday, November 18, 1981, in the Auditorium, Room 140, Spokane County Health District, West 1101 College Avenue, Spokane, WA.

The authority under which these rules are proposed is section 22, chapter 304, Laws of 1981.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to November 18, 1981, and/or orally at 9:00 a.m., Wednesday, November 18, 1981, Auditorium, Room 140, Spokane County Health District, West 1101 College Avenue, Spokane, WA.

Dated: September 21, 1981

By: John A. Beare, MD
Secretary

STATEMENT OF PURPOSE

This statement is filed pursuant to RCW 34.04.045.

New chapter 248-75 WAC, Rules and Regulations of the State Board of Health Governing Mobile Home Parks.

The purpose of this rule change is to adopt new mobile home park regulations as directed by the legislature during the 1981 session.

Statutory Authority: Section 22, chapter 304, Laws of 1981.

Summary of the Rule Change: Public health regulations governing mobile home parks are established.

Person Responsible for Implementing and Enforcement of the Rule: Carl Sagerser, Head, Food and Housing Section, Environmental Health Programs, 753-5961, Mailstop: LD-11.

Chapter 248-75 WAC

RULES AND REGULATIONS OF THE STATE BOARD OF HEALTH GOVERNING MOBILE HOME PARKS

NEW SECTION

WAC 248-75-010 DEFINITION. The following definitions shall apply in the interpretation and enforcement of this chapter.

(1) Health officer shall mean the city, county, city-county or district health officer as defined in RCW 70.05.010(2) or his/her authorized representative.

(2) Mobile home park shall mean a plot of ground under the ownership or management of one or more persons which is utilized as the location for two or more mobile homes for dwelling or sleeping purposes.

NEW SECTION

WAC 248-75-020 SEWAGE DISPOSAL. All sewage and waste water from a mobile home park shall be drained to a sewerage disposal system which is approved by the health officer. Sewage disposal systems shall be designed, constructed and maintained in accordance with chapters 248-96 and 173-240 WAC.

NEW SECTION

WAC 248-75-030 WATER SUPPLY. The water supply system for a mobile home park shall be designed, constructed, maintained and operated in accordance with chapter 248-54 WAC.

NEW SECTION

WAC 248-75-040 REFUSE DISPOSAL. All garbage, refuse and/or trash in a mobile home park shall be collected, stored and disposed of in accordance with chapter 70.95 RCW and chapter 173-301 WAC.

NEW SECTION

WAC 248-75-050 GENERAL SANITATION. The premises of a mobile home park shall be maintained and operated in accordance with chapter 248-50 WAC.

WSR 81-19-126
PROPOSED RULES
DEPARTMENT OF
SOCIAL AND HEALTH SERVICES
(Public Assistance)
[Filed September 23, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Department of Social and Health Services intends to adopt, amend, or repeal rules concerning Food stamps—Application and participation—Applications processed by the Social Security Administration district offices, amending WAC 388-54-615.

It is the intention of the secretary to adopt these rules on an emergency basis on October 5, 1981.

Correspondence concerning this notice and proposed rules attached should be addressed to:

David A. Hogan, Director
Division of Administration
Department of Social and Health Services
Mailstop OB-33C
Olympia, WA 98504

Interpreters for people with hearing impairments and brailled or taped information for people with visual impairments can be provided. Please contact William B. Pope, Chief, Office of Administrative Regulations, at State Office Building #2, 12th and Franklin, Olympia, Washington, Phone (206) 753-7015, by October 14, 1981. The meeting site is in a location which is barrier free;

that such agency will at 10:00 a.m., Wednesday, October 28, 1981, in the Auditorium, Office Building #2, 12th and Franklin, Olympia, Washington, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 9:00 a.m., Wednesday, November 4, 1981, in William B. Pope's Office, 3rd Floor, Office Building #2, 12th and Franklin, Olympia, Washington.

The authority under which these rules are proposed is RCW 74.04.510.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to October 28, 1981, and/or orally at 10:00

a.m., Wednesday, October 28, 1981, Auditorium, Office Building #2, 12th and Franklin, Olympia, Washington.

Dated: September 23, 1981

By: David A. Hogan
Director, Division of Administration

STATEMENT OF PURPOSE

This statement is filed pursuant to RCW 34.04.045. Amend WAC 388-54-615.

Purpose of the rule or rule change is to amend food stamp rules to comply with federal requirements.

Statutory Authority: RCW 74.04.510.

Summary of the Rule or Rule Change: A new subsection is added to WAC 388-54-615 in compliance with a federal summary judgment in the case of James Campbell vs. USDA. This will allow pure SSI households requiring food stamp recertification to apply through the Social Security Administration District Office as a convenience. It will also require the department to inform all households consisting solely of SSI eligible individuals of this new procedure through their Notice of Expiration.

Person or Persons Responsible for the Drafting, Implementation and Enforcement of the Rule: Mick Determan, Program Manager, Division of Income Assistance, Mailstop: OB-31C, Phone: 3-4381.

These Rules are Necessary as a Result of a Federal Court Decision: 7 CFR Parts 272 and 273 (Amendment No. 197).

AMENDATORY SECTION (Amending Order 1548, filed 10/1/80)

WAC 388-54-615 APPLICATION AND PARTICIPATION—APPLICATIONS PROCESSED BY THE SOCIAL SECURITY ADMINISTRATION DISTRICT OFFICES (SSADO). (1) The department shall complete the certification of applications for food stamps processed by SSADO without requiring additional personal interviews with the SSI household to present verification.

(2) The department shall not initiate personal contact with the SSI household whose food stamp application is processed by SSADO unless the application is improperly completed, mandatory verification is missing or certain information on the form is questionable. In no event shall an SSI household be required to appear to finalize an eligibility determination on such an application.

(3) The department shall prescreen all SSI/SSADO processed food stamp applications for expedited services on the day the application is received at the correct CSO.

(4) The department shall:

(a) Begin the three day time limit for expedited services on the date the correct CSO receives the application;

(b) Complete the certification of the SSI household application no later than thirty days after the date a completed application is filed at SSADO.

(5) The department ~~((must))~~ shall reassess those households for work registration eligibility if their pending SSI financial application is rejected by SSA.

(6) Effective October 5, 1981, the department shall complete recertification of pure SSI households when such has been requested in a timely manner through, and transmitted by SSADO. The department shall inform any food stamp household consisting only of SSI eligible members that recertification may be requested through SSADO. Subsection (2) of this section applies to the recertification process.

WSR 81-19-127

ADOPTED RULES

DEPARTMENT OF SOCIAL AND HEALTH SERVICES (Public Assistance)

[Order 1701—Filed September 23, 1981]

I, David A. Hogan, Director, Division of Administration of the Department of Social and Health Services, do promulgate and adopt at Olympia, Washington, the annexed rules relating to Standards—Eligibility, amending chapter 388-29 WAC.

This action is taken pursuant to Notice No. WSR 81-15-025 filed with the code reviser on July 10, 1981. Such rules shall take effect pursuant to RCW 34.04.040(2).

This rule is promulgated under the general rule-making authority of the Department of Social and Health Services as authorized in RCW 74.08.090.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 9, 1981.

By David A. Hogan
Director, Division of Administration

Chapter 388-29 WAC

~~((AID TO FAMILIES WITH DEPENDENT CHILDREN AND CONTINUING GENERAL ASSISTANCE—ELIGIBILITY))~~ STANDARDS ~~((OF ASSISTANCE))~~—ELIGIBILITY

AMENDATORY SECTION (Amending Order 1643, filed 4/27/81)

WAC 388-29-010 STANDARDS FOR REQUIREMENTS—PERSON IN OWN HOME. (1) The public assistance law directs the department to establish a ~~((cost of living))~~ standard for use in determining whether or not an applicant needs money and if so how much he needs.

(2) The law specifies that grants shall be awarded on a state-wide basis in accordance with standards of assistance established by the department and may vary by geographical areas.

(3) The law also specifies that, except for the ~~((federal))~~ consolidated emergency assistance program, the standards ~~((of assistance for any family size))~~ shall be ~~((equal to the difference between: (a) The community services administration non-farm poverty level income, and (b) The sum of the food stamp benefit and the low income energy assistance benefit))~~ the United States department of agriculture thrifty food plan in effect on January 1, 1981, adjusted for family size for the continental United States and as adjusted for the state of Washington according to the schedules found in this chapter.

(4) ~~((a))~~ The law requires that ~~((for the purpose of establishing standards of assistance, (a) the low income~~

energy assistance benefit shall be prorated to determine a monthly amount)) the standards of assistance for any family size shall be adjusted on July 1 of each year to take inflation into account, and (b) state supplements for supplemental security income recipients shall be no less than the levels specified in 42 U.S.C. Section 1618.

(5) The department may prescribe maximums and rateable reductions for grants.

(6) The amount of the grant which is given is the difference between the monthly dollar value of the standard

adjusted for the maximum grant limitation when in effect, and the resource value or income which the applicant or recipient possesses, or can obtain.

((7) The recipient who receives a cash grant uses his own discretion in spending the total funds available to him (grant plus his other income) thus giving him freedom and responsibility in personal planning and variations in taste.))

AMENDATORY SECTION (Amending Order 1643, filed 4/27/81)

WAC 388-29-100 MONTHLY STANDARDS FOR BASIC REQUIREMENTS—AFDC AND CONTINUING GENERAL ASSISTANCE. (1) ((Effective March 1, 1981)) The state standards shall be the United States department of agriculture thrifty food plan in effect January 1, 1981. The state-wide monthly standards for food, clothing, personal maintenance, and necessary incidentals, household maintenance, shelter, and energy for those owning (including life estate), buying or renting an apartment or house are calculated as follows:

Recipients in Household	State Standard	Area Differential		Energy Amount Designated for both Areas I and II
		for King, Pierce, Snohomish, Kitsap and Thurston Counties	((State Standard Plus Area Differential for King, Pierce, Snohomish, Kitsap and Thurston Counties	
1	241	21	262	78
2	264	53	317	84
3	342	47	389	89
4	421	47	468	94
5	509	47	556	99
6	581	47	628	104
7	680	47	727	109
8	757	47	804	114
9	833	47	880	119
10	910	47	957	124
11	986	47	1,033	129
12	1,063	47	1,110	134
13	1,139	47	1,186	139
14	1,215	47	1,263	144
15	1,292	47	1,339	149
16	1,368	47	1,415	154
17	1,445	47	1,492	159
18 or more	1,521	47	1,568	164))

(a) Recipients in Household	Thrifty Food Plan Benefit level	Area I Multiplier and benefit payment for King, Pierce, Snohomish, Kitsap and Thurston counties		Area II Multiplier and benefit payment for counties not included in Area I		Energy Amount Designated for both Areas I and II
		Multiplier	payment	Multiplier	payment	
1	\$ 70	4.03	\$ 282	3.72	\$ 260	\$ 88
2	128	2.65	339	2.24	287	94
3	183	2.27	415	2.02	370	100
4	233	2.15	501	1.94	452	106
5	277	2.14	593	1.97	546	112
6	322	2.02	672	1.87	621	118
7	367	2.12	778	1.99	730	124
8	419	2.05	859	1.93	809	130
9	472	1.99	939	1.89	892	136
10 or more	525	1.94	1,019	1.85	971	142

((2)) (b) Household with supplied shelter.

The monthly standard for supplied shelter includes requirements for food, clothing, personal maintenance and necessary incidentals, ((and)) household maintenance and designated energy amount.

Recipients in household - all counties	Energy Amount Designated for both Areas I and II
1	\$ ((153))172
2	((222))249
3	((294))330
4	((366))411
5	((438))492
6	((510))572
7	((582))653
8	((654))734
	((78))888
	((84))94
	((89))100
	((94))106
	((99))112
	((104))118
	((109))124
	((114))130

Recipients in household - all counties

Energy Amount Designated for both Areas I and II

9	((726))815	((+19))136
10 or more	((798))896	((+24))142
((11)	870	129
12	942	134
13	1,014	139
14	1,086	144
15	1,158	149
16	1,230	154
17	1,302	159
18 or more	1,374	164)

(2) These standards are effective July 1, 1981.

AMENDATORY SECTION (Amending Order 1643, filed 4/27/81)

WAC 388-29-110 MAXIMUMS TO MONTHLY STANDARDS FOR BASIC REQUIREMENTS. ((Currently, there are no maximums to monthly standards established.)) (1) Grants to families of eight or more shall not exceed the following maximums. In computing the grant amount nonexempt income and resources which are available to meet need shall be deducted from the monthly standard specified in WAC 388-29-100.

(2) These standards are effective July 1, 1981.

Number of recipients in household

Maximums	8 \$859	9 \$859	10 or more \$859
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AMENDATORY SECTION (Amending Order 1643, filed 4/27/81)

WAC 388-29-112 ((FEDERAL)) CONSOLIDATED EMERGENCY ASSISTANCE PROGRAM (CEAP)—STANDARDS OF ASSISTANCE. Effective ((March 1, 1981)) July 1, 1981 the state-wide ((monthly)) standards for the ((federal)) consolidated emergency assistance program ((are)) shall be paid in the amount necessary to meet allowable emergent needs with the following payment maximums:

(1) Number in Household		Area I		Area II	
		(one month maximum)	(maximum two month total)	(one month maximum)	(maximum two month total)
1	\$((70))	282	352	260	325
2	((+20))	339	424	287	359
3	((+83))	415	519	370	463
4	((+233))	501	626	452	565
5	((+277))	593	741	546	683
6	((+332))	671	839	621	776
7	((+367))	778	973	730	913
8 or more	((+419))	859	1,074	809	1,011
	((9))	((472))			
	((+0))	((525))			

((Each additional member—53))

(2) The following are payment maximums for individual emergent need items payable under consolidated emergency assistance program (CEAP).

	1	2	3	4	5	6	7	8 (or more)
Food	138	171	204	255	306	354	400	444
Shelter	140	174	208	260	312	361	408	452
Clothing	21	25	30	38	46	53	60	66
Minor Medical	54	67	80	100	120	139	157	174
Utilities	25	31	37	46	55	64	72	80
Household Maint.	36	44	53	66	79	92	104	115

Clothing & transportation - as needed not to exceed the grant maximum.

AMENDATORY SECTION (Amending Order 1434, filed 9/21/79)

WAC 388-29-125 COST STANDARDS FOR REQUIREMENTS—PERSONS IN MEDICAL INSTITUTION. (1) The monthly cost standard for clothing, personal maintenance, and necessary incidentals for a person eligible for AFDC, supplemental security income or the "H" medical care program who is in a skilled nursing home, a public nursing home, a general or tuberculosis hospital or an intermediate care facility shall be (((\$32.50)) thirty-three dollars and fifty cents.

(2) The monthly cost standard for clothing, personal maintenance, and necessary incidentals for a person eligible for continuing general assistance who is in an institution specified in subsection (1) of this section shall be (((\$32.50)) thirty-three dollars and fifty cents.

(3) These standards are effective July 1, ((+1979)) 1981.

AMENDATORY SECTION (Amending Order 1434, filed 9/21/79)

WAC 388-29-130 COST STANDARDS FOR REQUIREMENTS—PERSON IN CONGREGATE CARE FACILITY. (1) The cost standard for congregate care shall be the rate established by the department for payment to specific congregate care facilities.

(2) Congregate care facility residents who receive SSI or GAU benefits are entitled to the earned and unearned income exemptions applicable to those programs. Any remaining nonexempt income shall be applied first toward the monthly cost standard for clothing, personal maintenance, and necessary incidentals, and then toward the cost of care. SSI grant deductions for overpayments shall first reduce the money available for clothing, personal maintenance, and necessary incidentals and then reduce the money available to meet the cost of CCF care. The department shall not pay the difference toward cost of care caused by the SSI reduction.

(3) The monthly cost standard for clothing, personal maintenance, and necessary incidentals for a person in a congregate care facility shall be ~~((\\$32.50))~~ thirty-three dollars and fifty cents.

(4) These standards are effective July 1, ~~((1979))~~ 1981.

AMENDATORY SECTION (Amending Order 1532, filed 8/20/80)

WAC 388-29-135 COST STANDARDS FOR REQUIREMENTS—MATERNITY HOME CARE.

(1) The payment standard for a recipient of AFDC residing in a maternity home shall be ~~((\\$504.60))~~ five hundred twelve dollars and seventy-five cents per month, which includes ~~((\\$32.50))~~ forty dollars and sixty-five cents for clothing and personal incidentals.

(2) The standard for maternity home care for an unmarried child eligible for foster care payment shall be the rate established in the agreement between the department and the maternity home agency.

(3) These standards are effective July 1, ~~((1980))~~ 1981.

AMENDATORY SECTION (Amending Order 1434, filed 9/21/79)

WAC 388-29-145 MONTHLY STANDARDS FOR BASIC REQUIREMENTS—AFDC—CHILD IN NEED OF SPECIALIZED EDUCATION OR TRAINING. (1) A child attending school under temporary absence provisions according to WAC 388-24-125(3)(b) is eligible for clothing ~~((and)),~~ personal maintenance, and necessary incidentals only. The monthly standard shall be ~~((\\$32.50))~~ thirty-three dollars and fifty cents. The child shall not be included as a member of the household in computing the requirements for the household.

(2) These standards are effective July 1, ~~((1979))~~ 1981.

AMENDATORY SECTION (Amending Order 1532, filed 8/20/80)

WAC 388-29-160 STANDARDS FOR ADDITIONAL REQUIREMENTS UNDER SPECIFIC CIRCUMSTANCES—RESTAURANT MEALS. (1) Restaurant meals shall be an additional requirement only when:

(a) The individual is physically or mentally unable to prepare any of his meals, and

(b) Board, or board and room, is not available or the use of such facilities is not feasible for an individual.

(2) The monthly additional requirement for restaurant meals shall be ~~((\\$80.35))~~ eighty-eight dollars and forty cents.

(3) These standards are effective July 1, ~~((1980))~~ 1981.

AMENDATORY SECTION (Amending Order 1434, filed 9/21/79)

WAC 388-29-180 HOME DELIVERED MEALS (MEALS-ON-WHEELS). (1) For some recipients who

cannot be expected to prepare all of their own meals, prepared and home delivered meals may be available.

(2) Where a CSO approved home delivery service of prepared meals is available recipients who need and would benefit from such service should be encouraged, authorized, and assisted, if necessary, to obtain it.

(3) Standards and criteria used to authorize the service are as follows:

(a) The recipient requires help in preparation of some of his meals and would benefit nutritionally or otherwise from home delivered meals,

(b) Such help is not reasonably available without cost to the recipient,

(c) Board (or board and room) is not feasible or possible for the recipient,

(4) When a plan for use of this service is approved by the CSO, the cost standard to be used for the total food requirement of the recipient using the service shall be established by the department's office of ~~((economic services))~~ budget and program analysis at the CSO's request.

AMENDATORY SECTION (Amending Order 1532, filed 8/20/80)

WAC 388-29-200 STANDARDS FOR ADDITIONAL REQUIREMENTS UNDER SPECIFIED CIRCUMSTANCES—FOOD FOR GUIDE DOG. (1)

The cost of food for a guide dog shall be an additional requirement when an applicant for SSI or an assistance grant has a guide dog assigned to him by an accredited guide dog organization. The cost standard for food for a guide dog shall be ~~((\\$25.80))~~ twenty-eight dollars and forty cents.

(2) These standards are effective July 1, ~~((1980))~~ 1981.

AMENDATORY SECTION (Amending Order 1532, filed 8/20/80)

WAC 388-29-220 STANDARDS FOR ADDITIONAL REQUIREMENTS UNDER SPECIFIED CIRCUMSTANCES—LAUNDRY. (1) Laundry is an additional requirement when:

(a) The applicant or recipient is physically unable to do his laundry, and

(b) He has no one able to perform this service for him.

(2) The monthly cost standard for laundry shall be ~~((\\$7.05))~~ seven dollars and eighty cents.

(3) These standards are effective July 1, ~~((1980))~~ 1981.

AMENDATORY SECTION (Amending Order 1385, filed 3/28/79)

WAC 388-29-230 WINTERIZING HOMES. (1) Repairs of homes owned or being purchased by AFDC recipients, to a maximum of ~~((\\$500))~~ five hundred dollars for any one home, are an additional requirement under the following circumstances:

(a) The primary purpose of the repairs is to minimize heat loss or otherwise increase the efficiency of the home heating system,

(b) The repairs are necessary to render the home habitable,

(c) Lack of repairs would require the assistance unit to move to rental quarters,

(d) The rental costs expended by the assistance unit over a period of two years would exceed the costs, including repairs, attributable to continued occupancy of the home, and

(e) No expenditures for repair of the home have been made previously under the policies outlined in subdivisions (a) through (d) of this subsection.

(2) All expenditures for repairs shall be paid by vendor payments when there is sufficient recorded evidence that the home repair was performed.

AMENDATORY SECTION (Amending Order 1550, filed 10/2/80)

WAC 388-29-260 REQUIREMENTS OF PERSON IN BOARDING HOME—CONTINUING GENERAL ASSISTANCE. (1) The standard for board and room shall be ~~((\$170.50))~~ one hundred ninety-five dollars and forty cents per month or (\$5.62) six dollars and forty-five cents per day.

(2) The monthly standard for clothing and personal maintenance and necessary incidentals shall be ~~((\$27.50))~~ twenty-seven dollars and fifty cents.

(3) These standards are effective ~~((November 1, 1980))~~ July 1, 1981.

AMENDATORY SECTION (Amending Order 1434, filed 9/21/79)

WAC 388-29-280 ADULT FAMILY HOME CARE—COST STANDARDS. (1) The cost standard for adult family home care shall be the rate established by the department for payment to the adult family home sponsor.

(a) Basic rate two hundred ninety-seven dollars and sixty-five cents.

(b) Service additions

1-3	32.10
4-7	48.15
8-12	69.55
<u>Special services</u>	
each service	21.40

(2) The monthly cost standard for clothing and personal maintenance and necessary incidentals for a person in an adult family home shall be ~~((\$32.50))~~ thirty-three dollars and fifty cents.

(3) These standards are effective July 1, ~~((1979))~~ 1981.

NEW SECTION

WAC 388-29-295 STANDARDS OF ASSISTANCE FOR THE SUPPLEMENTAL SECURITY INCOME (SSI) PROGRAM. (1) Standards of SSI assistance paid to eligible individual couples by SSA are:

	Standard	Federal SSI Benefit	State Supplemental
Area I			
Living alone			
Individuals	\$303.00	\$264.70	\$ 38.30
Couples			
Both eligible	433.30	397.00	36.30
With essential person	433.30	397.00	36.00
With ineligible spouse	433.30	264.70	168.60
Area II			
Living alone			
Individuals	\$282.55	264.70	17.85
Couples			
Both eligible	403.35	397.00	6.35
With essential person	403.35	397.30	6.05
With ineligible spouse	403.35	264.70	138.65
Shared Living			
Individuals	189.15	176.47	12.68
Couples			
Both eligible	280.50	264.67	15.83
With essential person	280.50	264.87	15.63
With ineligible spouse	280.50	176.47	104.03

(2) The state supplemental portion of the SSI standards shall be considered as the energy allowance designated by the Washington state legislature for individuals and couples in which both spouses are eligible for SSI.

(3) These standards are effective July 1, 1981.

WSR 81-19-128
PROPOSED RULES
DEPARTMENT OF
LABOR AND INDUSTRIES
 [Filed September 23, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Department of Labor and Industries intends to adopt, amend, or repeal rules concerning rules and fee schedule governing payment to doctors and other health care vendors rendering services to injured workers.

The agency reserves the right to modify the text of these proposed rules prior to the public hearing thereon or in response to written or oral comments thereon received prior to or during the public hearing. Written and/or oral submissions may also contain data, view and arguments concerning the effect of the proposed rules or amendments of rules on economic values, pursuant to chapter 43.21H RCW. Correspondence relating to this notice and proposed rules attached should be addressed to:

Mr. Sam Kinville, Director
 Department of Labor and Industries
 General Administration Building
 Olympia, Washington 98504

Written or oral submissions may also contain data, views, and arguments concerning the effect of the proposed rules or amendments of rules on economic values, pursuant to chapter 43.21H RCW;

that such agency will at 10:00 a.m., Tuesday, October 27, 1981, in the Conference Room, First Floor, General Administration Building, Olympia, Washington, conduct a hearing relative thereto;

and that the adoption, amendment, or repeal of such rules will take place at 10:00 a.m., Monday, November 2, 1981, in the Director's Office, Third Floor, General Administration Building, Olympia, Washington.

The authority under which these rules are proposed is RCW 51.04.020(4) and 51.04.030.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to October 27,

1981, and/or orally at 10:00 a.m., Tuesday, October 27, 1981, Conference Room, First Floor, General Administration Building, Olympia, Washington.

Dated: September 23, 1981
By: Sam Kinville
Director

STATEMENT OF PURPOSE

The proposals for rule changes which follow amend portions of chapters 296-20, 296-21, 296-22 and 296-23 WAC. These chapters pertain to rules and fees for treatment provided to injured workers.

The purpose of these proposed rules is to make the following substantive changes in Title 296 WAC as previously enacted:

Revise treatment rules and fee schedule pertaining to reimbursement of health care practitioners and other vendors for service on workmen's compensation claims.

Statutory authority: RCW 51.04.020(4) and 51.04.030.

In summary, the following changes are accomplished by the proposed rules: Fee schedules are revised, reflecting 9.1 percent increase over the amount presently in effect; and Some treatment procedure numbers have been changed, deleted, added, or otherwise modified to reflect current health care treatment measures practiced.

The agency personnel responsible for the drafting, implementation and enforcement of the rules are: Drafting: Loris Jenkins, Linda Randall and Kathy Willis; Implementation and Enforcement: Richard Slunaker and other industrial insurance division personnel.

These rule changes are proposed by the Department of Labor and Industries, an agency of the state of Washington.

The proposing agency has no comments regarding statutory language, implementation, enforcement or fiscal matters beyond those appearing above in this statement.

These rules are not necessitated by any federal law or federal or state court action.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-010 GENERAL INFORMATION.

(1) The following rules and fees are promulgated pursuant to RCW 51.04.020. This fee schedule is intended to cover all services for accepted industrial insurance claims. All fees listed are the maximum fees allowable. If a fee for any particular service is lower to the general public than listed in the fee schedule, the practitioner shall bill the department or self-insurer at the lower rate.

(2) The rules contained in the introductory section pertain to all practitioners regardless of specialty area or limitation of practice. Additional rules pertaining to specialty areas will be found in the appropriate section.

(3) The maximum allowable fee for a procedure is determined by multiplying the unit value of a procedure by the appropriate conversion factor, per the conversion factor tables listed in WAC 296-20-135 to 296-20-155.

(4) Initial and follow-up visit charges by practitioners include routine examinations, physical modalities, injections, minor procedures, etc., not otherwise provided for in this schedule.

(5) When a claim has been accepted by the department or self-insurer, no provider may bill the worker for the difference between the allowable fee and his usual and customary charge. Nor can the worker be charged a fee, either for interest or completion of forms, related to services rendered for the industrial injury or condition.

(6) Correspondence: All correspondence and billings pertaining to state fund and department of energy claims should be sent directly to Department of Labor and Industries, General Administration Building, Olympia, Washington 98504. State fund claims have six digit

numbers preceded by an alpha letter other than "S" or "V".

Department of energy claims have seven digit numbers with no alpha prefix.

All correspondence and billings pertaining to crime victims claims should be sent to Crime Victims Division, Department of Labor and Industries, General Administration Building, Olympia, Washington 98504.

Crime victim claims have six digit numbers preceded by a "V".

All correspondence and billings pertaining to self-insured claims should be sent directly to the employer or his service representative as the case may be. A listing of self-insured employers and service representatives can be found in Appendix B.

Self-insured claims are six digit numbers preceded by an "S".

Communications to the department or self-insurer must show the patient's full name and claim number if known. If the claim number is unknown, the patient's name, social security number, the date and the nature of the injury, and the employer's name must be indicated. A communication should refer to one claim only. Correspondence regarding specific claim matters should be sent directly to the department in Olympia or self-insurer in order to avoid rehandling by the service location.

(7) APPENDIX C is a listing of the department's various local service locations. These facilities should be utilized by providers to obtain information, supplies, or assistance in dealing with matters pertaining to industrial injuries.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-01002 DEFINITIONS. TERMINATION OF TREATMENT: When treatment is no longer required and/or the industrial condition is stabilized, a report indicating the date of stabilization should be submitted to the department or self-insurer. This is necessary to initiate closure of the industrial claim. The patient may require continued treatment for conditions not related to the industrial condition; however, financial responsibility for such care must be the patient's.

UNUSUAL OR UNLISTED PROCEDURE: Value of unlisted services or procedures should be substantiated "By Report" (BR).

"BY REPORT": BR (by report) in the value column indicates that the value of this service is to be determined by report (BR) because the service is too unusual, variable or new to be assigned a unit value. The report should provide an adequate definition or description of the services or procedure (e.g., operative or narrative report), using any of the following as indicated:

- (1) Diagnosis;
- (2) Size, location and number of lesion(s) or procedure(s) where appropriate;
- (3) Major surgical procedure and supplementary procedure(s);
- (4) Whenever possible, list the nearest similar procedure by number according to this schedule;
- (5) Estimated follow-up;

(6) Operative time.

The department or self-insurer may adjust BR procedures when such action is indicated.

"INDEPENDENT OR SEPARATE PROCEDURE": Certain of the listed procedures are commonly carried out as an integral part of a total service, and as such do not warrant a separate charge. When such a procedure is carried out as a separate entity, not immediately related to other services, the indicated value for "Independent Procedure" is applicable.

SV. ITEMS: Sv (Service) procedures are not essentially a single procedure, rather they are comprised of several other procedures. These "Sv" procedures although identified by a specific code number, can be described only in terms of the several services included. Therefore, unit values are not indicated for Sv procedures and total value is derived from the values of the individual services performed. These Sv procedures require "BR" (see above) information to substantiate billing.

MODIFIED WORK STATUS: The injured worker is not able to return to his previous work, but is physically capable of carrying out work of a lighter nature. Injured workers should be urged to return to modified work as soon as reasonable as such work is frequently beneficial for body conditioning and regaining self confidence.

Under RCW 51.32.090, when the employer has modified work available for the worker, the employer must furnish the doctor and the worker with a statement describing the available work in terms that will enable the doctor to relate the physical activities of the job to the worker's physical limitations and capabilities. The doctor shall then determine whether the worker is physically able to perform the work described. The employer may not increase the physical requirements of the job without requesting the opinion of the doctor as to the worker's ability to perform such additional work. If after a trial period of re-employment the worker is unable to continue with such work, his time loss compensation will be resumed upon certification by the attending doctor.

If the employer has no modified work available, the department should be notified immediately, so vocational assessment can be conducted to determine whether the worker will require assistance in returning to work.

REGULAR WORK STATUS: The injured worker is physically capable of returning to his/her regular work. It is the duty of the attending doctor to notify the worker and the department or self-insurer, as the case may be, of the specific date of release to return to regular work. Compensation will be terminated on the release date. Further treatment can be allowed as requested by the attending doctor if the condition is not stationary and such treatment is needed and otherwise in order.

TOTAL TEMPORARY DISABILITY: Full-time loss compensation will be paid when the worker is unable to return to any type of reasonably continuous gainful employment as a direct result of an accepted industrial injury or exposure.

TEMPORARY PARTIAL DISABILITY: Partial-time loss compensation may be paid when the worker can return to work on a limited basis or return to lesser

paying job is necessitated by the accepted injury or condition. The worker must have a reduction in wages of at least five percent before consideration of partial time loss can be made. No partial-time loss compensation can be paid after the worker's condition is stationary.

ALL TIME LOSS COMPENSATION MUST BE CERTIFIED BY THE ATTENDING DOCTOR BASED ON OBJECTIVE FINDINGS.

PERMANENT PARTIAL DISABILITY: Any anatomic or functional abnormality or loss after maximum rehabilitation has been achieved, which is determined to be stable or nonprogressive at the time the evaluation is made. When the attending doctor has reason to believe a permanent impairment exists, the department or self-insurer should be notified. Appendix D contains a schedule of the permanent disability maximum awards. **UNDER WASHINGTON LAW DISABILITY AWARDS ARE BASED SOLELY ON PHYSICAL OR MENTAL IMPAIRMENT DUE TO THE ACCEPTED INJURY OR CONDITIONS WITHOUT CONSIDERATION OF ECONOMIC FACTORS.**

TOTAL PERMANENT DISABILITY: Loss of both legs or arms, or one leg and one arm, total loss of eyesight, paralysis or other condition permanently incapacitating the worker from performing any work at any gainful employment. When the attending doctor feels a worker may be totally and permanently disabled, he should communicate this information immediately to the department or self-insurer. A vocational evaluation and an independent rating of disability may be arranged by the department prior to a determination as to total permanent disability. Coverage for treatment does not usually continue after the date an injured worker is placed on pension. (~~No injured worker receiving scheduled drugs can be placed on pension.~~)

FATAL: When the attending doctor has reason to believe a worker has died as a result of an industrial injury or exposure, the doctor should notify the nearest department service location (see Appendix C) or the self-insurer immediately. Often an autopsy is required by the department or self-insurer. If so, it will be authorized by the service location manager or the self-insurer. Benefits payable include burial stipend and monthly payments to the surviving spouse and/or dependents.

DOCTOR: For these rules, means a person licensed to practice one or more of the following professions: Medicine and surgery; osteopathic; chiropractic; drugless therapeutics; podiatry, dentistry; optometry.

Only those persons so licensed may sign report of accident forms and time loss cards except as provided in WAC 296-20-100.

PRACTITIONER: For these rules, means any person defined as a "doctor" under these rules, or licensed to practice one or more of the following professions: Audiology; physical therapy; pharmacy; prosthetics; orthotics; psychology; nursing; physician or osteopathic assistant; or other healing art licensed under the method or means permitted by such license.

PHYSICIAN: For these rules, means any person licensed to perform one or more of the following professions: Medicine and surgery; or osteopathic.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-01501 PHYSICIAN'S ASSISTANT RULES. (1) Physicians' assistants may perform only those medical services in industrial injury cases, for which the physician's assistant is trained and licensed, under the control and supervision of a licensed physician. Such control and supervision shall not be construed to require the personal presence of the supervising physician.

(2) Physicians' assistants may perform those medical services which are within the scope of their physician's assistant license for industrial injury cases within the limitations of subsection(s) (3) (~~(4), (5), and (6) below~~) of this section.

(3) Advance approval must be obtained from the department to treat industrial injury cases. To be eligible to treat industrial injuries, the physician's assistant must:

(a) Provide the department with a copy of his license (~~indicating whether it is Type A or B~~).

(b) Provide the name and address and specialty of the supervising physician.

(c) Provide the department with the evidence of a reliable and rapid system of communication with the supervising physician.

~~(4) (Those physicians' assistants who hold Type A licenses may. Collect historical and physical data, organize the data, and present such data to the supervising physician who can then determine appropriate diagnostic or therapeutic measures. The physician's assistant may assist the physician by performing diagnostic and therapeutic procedures and coordinating the roles of other more technical assistants. The physician's assistant may under certain circumstances and rules defined by the Professional License Division, perform medical services without the immediate surveillance of the physician. The supervising physician may bill for physician assistant service at eighty percent of procedure value as using applicable modifier code =01 or =04.~~

~~(5) A physician's assistant holding Type B license may. Collect and organize data, perform appropriate diagnostic or therapeutic measures, and perform independent action only within the specialty field of the supervising physician. The supervising physician may bill for physician assistant services at seventy-five percent of procedure value using applicable modifier code =02 or =05.~~

(6)) Physicians' assistants may prepare report of accident, time loss cards, and progress reports for the supervising physician's signature. Physicians' assistants cannot submit such information under his/her signature.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-030 TREATMENT NOT REQUIRING AUTHORIZATION FOR ACCEPTED CONDITIONS. (1) A maximum of twenty office calls for the treatment of the industrial condition, during the first sixty days, following injury. Subsequent office calls must be authorized. Reports of treatment rendered must

be filed at ((~~thirty~~)) sixty day intervals to include number of office visits to date. See WAC 296-20-03001 for report requirements and further information.

(2) Initial diagnostic x-rays necessary for evaluation and treatment of the industrial injury or condition. See WAC 296-20-121 for further information.

(3) The first twelve physical therapy treatments as provided by WAC 296-23-710 and 296-21-095, upon written prescription by the attending doctor or under his direct supervision. Additional physical therapy treatment must be authorized and the request substantiated by evidence of improvement. In no case will the department or self-insurer pay for inpatient hospitalization of a claimant to receive physical therapy treatment only. USE OF DIAPULSE, THERMATIC (standard model only), SPECTROWAVE AND SUPERPULSE MACHINES AND IONTOPHORESIS IS NOT AUTHORIZED FOR WORKERS ENTITLED TO BENEFITS UNDER THE INDUSTRIAL INSURANCE ACT.

(4) Routine laboratory studies reasonably necessary for diagnosis and/or treatment of the industrial condition. Other special laboratory studies require authorization.

(5) Routine standard treatment measures rendered on an emergency basis or in connection with minor injuries not otherwise requiring authorization.

(6) Consultation with specialist when indicated. See WAC 296-20-051 for consultation guidelines.

(7) Nonscheduled drugs and medications during the acute phase of treatment for the industrial injury or condition.

(8) Scheduled drugs and other medications known to be addictive, habit forming or dependency inducing may be prescribed in quantities sufficient for treatment for a maximum of fifteen days. If drug therapy extends beyond thirty days, see WAC 296-20-03003 regarding management.

(9) Injectable scheduled and other drugs known to be addictive, habit forming, or dependency inducing may be provided only on an in-patient basis. Hospital admission for drug provision only will not be allowed.

(10) Diagnostic or therapeutic nerve blocks. See WAC 296-20-03001 for restrictions.

(11) Intra-articular injections. See WAC 296-20-03001 for restrictions.

(12) Myelogram if prior to emergency surgery.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-03001 TREATMENT REQUIRING AUTHORIZATION. Certain treatment procedures require authorization by the department or self-insurer. Requests for authorization must include a statement of: The condition(s) diagnosed; their relationship, if any, to the industrial injury/exposure; an outline of the proposed treatment program, its length and components, and expected prognosis; and an estimate of when treatment would be concluded and condition stable.

(1) Office calls in excess of the first twenty visits or sixty days whichever occurs first.

(2) All nonemergent major surgery must be authorized prior to surgery date. Some surgical procedures require concurring opinions prior to authorization. (See WAC 296-20-045 for details).

(3) X-ray and radium therapy.

(4) Diagnostic studies other than routine x-ray and laboratory.

(5) Myelogram and discogram in nonemergent cases.

(6) Physical therapy treatment beyond initial twelve treatments as outlined in WAC 296-21-095 and 296-23-710.

(7) Diagnostic or therapeutic injection. Epidural or caudal injection of substances other than anesthetic or contrast solution will be authorized under the following conditions only:

(a) When the worker has experienced acute low back pain or acute exacerbation of chronic low back pain of no more than six months duration.

(b) The worker will receive no more than three injections in an initial thirty-day treatment period, followed by a thirty-day evaluation period. If significant pain relief is demonstrated one additional series of three injections will be authorized. No more than six injections will be authorized per acute episode.

(8) Home nursing or convalescent center care must be authorized per provision outlined in WAC 296-20-091.

(9) Provision of prosthetics, orthotics, surgical appliances, special equipment for home or transportation vehicle, ((orthopedic)) custom made shoes, TNS units, masking devices, hearing aids, etc., must be authorized in advance as per WAC 296-20-1101 and 296-20-1102.

(10) Biofeedback program; pain clinic; weight loss program; psychotherapy; rehabilitation programs; and other programs designed to treat special problems must be authorized in advance. See WAC 296-21-0501 and 296-20-0502 for details.

(11) Prescription or injection of vitamins for specific therapeutic treatment of the industrial condition(s) when the attending doctor can demonstrate that published clinical studies indicate vitamin therapy is the treatment of choice for the condition. Authorization for this treatment will require presentation of facts to and review by department medical consultant.

(12) Injections of anesthetic and/or antiinflammatory agents into the vertebral facet joints will be authorized to qualified specialists in orthopedics, neurology, and anesthesia, or other physicians who can demonstrate expertise in the procedure, under the following conditions:

(a) Rationale for procedure, treatment plan, and request for authorization must be presented in writing to the supervisor of medical services.

(b) Procedure must be performed in an accredited hospital under radiographic control.

(c) Not more than four facet injection procedures will be authorized in any one patient.

(13) The long term prescription of medication under the specific conditions and circumstances in (a) and (b) are considered corrective therapy rather than palliative treatment and approval in advance must be obtained.

(a) Nonsteroidal antiinflammatory agents for the treatment of degenerative joint conditions aggravated by occupational injury.

(b) Anticonvulsive agents for the treatment of seizure disorders caused by trauma.

(14) Intra-muscular and trigger point injections of steroids and other nonscheduled medications are limited to three injections per patient. The attending doctor must submit justification for an additional three injections if indicated with a maximum of six injections to be authorized for any one patient.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-03002 TREATMENT NOT AUTHORIZED. The department or self-insurer will not allow nor pay for following treatment:

(1) USE OF DIAPULSE, THERMATIC (standard model only), SPECTROWAVE AND SUPERPULSE MACHINES ON WORKERS ENTITLED TO BENEFITS UNDER THE INDUSTRIAL INSURANCE ACT.

(2) Iontophoresis; prolotherapy; ((chemopapain)) chymopapain injections; acupuncture; injections of fibrosing or sclerosing agents; and injections of substances other than anesthetic or contrast into the subarachnoid space (intra-thecal injections).

(3) Prescription and/or injection of vitamins to improve or maintain general health.

(4) Continued treatment beyond stabilization of the industrial condition(s), i.e., maintenance care, except where necessary to monitor prescription of medication necessary to maintain stabilization i.e., anti-convulsive, anti-spasmodic, etc.

(5) After consultation and advice to the department or self-insurer, any treatment measure deemed to be dangerous or inappropriate for the injured worker in question.

(6) Treatment measures of an unusual, controversial, obsolete, or experimental nature (see WAC 296-20-045). Under certain conditions, treatment in this category may be approved by the department or self-insurer. Approval must be obtained prior to treatment. Requests must contain a description of the treatment, reason for the request with benefits and results expected.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-03003 DRUGS AND MEDICATION. (1) The industrial insurance program is experiencing a significant increase in incidence of drug dependency and return-to-work apathy from use of addicting and habituating drugs. In response to this, the Washington State Medical Association's Industrial Insurance Committee issued "Guidelines to Assist Attending Physicians in the Care of Industrially Injured Workers Receiving Addictive, Habituating or Dependency Inducing Drugs." This rule is based on those guidelines.

(2) Agents responsible for inducing dependency and return-to-work apathy when used over a short period of

time, i.e. sixty to ninety days are: Antianxiety drugs, sedatives, antidepressants, antipsychotics and oral or injectable natural or synthetic narcotics and other habituating or addictive drugs.

(3) Both antianxiety drugs and sedatives aggravate the depression which often occurs naturally in the injured worker. This makes return of self-esteem and return to work difficult. Their widespread use as "muscle relaxants" is being increasingly questioned. If these drugs are used after industrial injury, it should be on a short-term basis under careful observation. These include but are not limited to:

Antianxiety Drugs: Including, but not limited to, Valium, Librium, Tranxene, Serax, Meproamate.

Sedatives: Including, but not limited to, short-acting Barbiturates, Dalmane, Doriden, Quaalude, etc.

(4) The adverse effects reported for antidepressants and antipsychotics should be considered before prescribing. The manufacturer's precautions should be carefully observed. Psychiatric consultation is recommended if used longer than sixty days. These are:

(a) Antidepressants —

(i) Tricyclics — Elavil, Tofranil, Sinequan, Vivactil, Norpramin, Pertofrane, etc.

(ii) Amphetamines(±) are Schedule II substances under the jurisdiction of the federal controlled substances act and will not be allowed or paid by the Department of Labor and Industries.

(b) Antipsychotics —

(i) Phenothiazines, including but not limited to, Thorazine, Stelazine, Compazine, and Mellaril.

(ii) Butyrophenones, including but not limited to, Haldol and Innovar.

(5) Injectable natural or synthetic narcotics, other medications known to be addictive, habit forming, or dependency inducing, and talwin should be used as indicated on hospitalized patients only. No prescriptions for injectable forms of these drugs (nor syringes) should be written on Department of Labor and Industries prescription forms. See WAC 296-20-030((+)(i)) (9).

(6) Oral natural or synthetic narcotics. Talwin and other habituating or addictive drugs should be used as indicated for acute pain, but not longer than sixty days. Their use for the relief of pain behavior and "suffering" is being increasingly questioned.

(7) The department realizes that management of chronic pain cases is most difficult subjecting the physician to extreme pressures. With this in mind, the following guidelines are suggested with the intent that they will help the doctor cope with the pressures and assist in the management of these difficult cases:

(a) Keep a drug summary on all claimants.

(b) Determine if pain complaints are consistent with the amount of injury.

(c) Write specific instructions for the use of sedatives and analgesics.

(d) Treat the natural depression in injured workers properly, avoiding tranquilizers, and sedatives which increase depression.

(e) Evaluate recovery time frequently, and allow patient to regain self-esteem by returning to work.

(f) If a patient is requiring these drugs in amounts sufficient to cause concern about habituation or addiction or for longer than sixty days, the attending physician should:

(i) Revise the treatment plan and withdraw the drugs.

(ii) If unable to treat addiction or habituation himself, refer the patient to a physician or an institution experienced in drug withdrawal.

(iii) If (i) and (ii) are not acceptable or appropriate, obtain unbiased concurring opinion, and justify an alternate course in writing to the Department of Labor and Industries or self-insurer and the Federal Drug Enforcement Administration.

(8) The department or self-insurer will inform the attending physician when it is concerned about the amount of these drugs the patient is receiving and will provide information regarding physicians and institutions experienced in drug withdrawal.

(9) As per RCW 51.36.010, when a worker ((cannot be)) is placed on pension ((while receiving controlled)) the department cannot pay for Schedule I, II, III or IV substances.

(10) Physician failure to reduce or terminate prescription of controlled substances, habit forming or addicting medications, or dependency inducing medications, after department or self-insurer request to do so for an injured worker may result in a transfer of the worker to another physician of the worker's choice. Refusal of the worker to select another doctor can result in department or self-insurer selection of new attending doctor. (See WAC 296-20-065 regarding transfer.)

(11) Should the attending doctor or the injured worker refuse to comply with the department or self-insurer request to discontinue certain medications, the department or self-insurer, after providing adequate prior notice to the worker, doctor, and pharmacy/s involved, may discontinue payment for the medication.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-035 TREATMENT IN CASES THAT REMAIN OPEN BEYOND SIXTY DAYS. Conditions requiring treatment beyond sixty days are indicative of a major industrial condition or complication by other conditions. Except in cases of severe and extensive injuries, i.e., quadriplegia, paraplegia, multiple fractures, etc., when the injured worker requires treatment beyond sixty days following injury, a complete examination is necessary to determine and/or establish need for continued treatment and/or payment of time loss compensation. This may be accomplished either by the attending doctor or a consultation exam. In either case, a detailed exam report must be provided to the department or self-insurer. The following information is required. Additional information may be included or requested.

(1) Attending doctor report.

(a) The condition(s) diagnosed including the objective and subjective findings.

(b) Their relationship, if any, to the industrial injury or exposure.

(c) Outline of proposed treatment program, its length, components, and expected prognosis including an estimate of when treatment should be concluded and condition(s) stable. An estimated return to work date should be included. The probability, if any, of permanent partial disability resulting from industrial conditions should be noted.

(d) If the worker has not returned to work, the attending doctor should indicate whether he feels vocational assessment will be necessary to evaluate the worker's ability to return to work and why.

(e) If the claimant has not returned to work, a physical capacities evaluation should be included with the report.

(2) Consultation exam.

(a) A DETAILED HISTORY TO ESTABLISH:

(i) The type and severity of the industrial injury or occupational disease.

(ii) The patient's previous physical and mental health.

(iii) Any social and emotional factors which may effect recovery.

(b) A COMPARISON HISTORY between history provided by attending doctor and injured worker, must be provided with exam.

(c) A DETAILED PHYSICAL EXAMINATION concerning all systems affected by the industrial accident.

(d) A GENERAL PHYSICAL EXAMINATION sufficient to demonstrate any preexisting impairments of function or concurrent condition.

(e) A COMPLETE DIAGNOSIS OF ALL PATHOLOGICAL CONDITIONS FOUND TO BE LISTED AS:

(i) Due solely to injury.

(ii) Preexisting condition aggravated by the injury and the extent of aggravation.

(iii) Other medical conditions neither related to nor aggravated by the injury but which may retard recovery.

(iv) Coexisting disease (arthritis, congenital deformities, heart disease, etc.).

(f) CONCLUSIONS MUST INCLUDE:

(i) Type treatment recommended for each pathological condition and the probable duration of treatment.

(ii) Expected degree of recovery from the industrial condition.

(iii) Probability, if any, of permanent disability resulting from the industrial condition.

(iv) Probability of returning to work.

(g) REPORTS OF NECESSARY, REASONABLE X-RAY AND LABORATORY STUDIES TO establish or confirm the diagnosis when indicated.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-06101 REPORTING REQUIREMENTS. ((As per WAC 296-20-035, narrative reports in cases extending beyond sixty days are required in order to authorize treatment, pay Time Loss Compensation and treatment bills. Such reports are required at thirty day intervals during first sixty days of treatment and at sixty day intervals thereafter. Attachment of

~~office notes to billings for office visits may reduce the need for subsequent reports. However, in some instances, the department or self-insurer may request the doctor to provide a narrative report supplying additional specific information and/or a status report. When such report is provided in adequate detail to allow adjudication, the department or self-insurer will pay the fee allowed under procedure #99080.)) The department or self-insurer does require several kinds of reports at various stages of the claim in order to authorize treatment, time loss compensation, and treatment bills.~~

INITIAL REPORT OF ACCIDENT: In the first report required is the Report of Accident. The Report of Accident qualifies as the office note or report of the initial visit for brief or limited office calls. In addition to the office call charge, the doctor may bill code 90001 for the filing of the accident report. Billing for an intermediate, extended, or comprehensive initial visit may require submission of additional reports.

OFFICE NOTES: Copies of office or progress notes are required when billing for all follow-up visits.

SIXTY-DAY NARRATIVE REPORTS: When conservative treatment is to continue beyond sixty days, submission of a narrative report is required to substantiate the need for continued care. A narrative report must contain basic information contained in WAC 296-20-035. For this narrative report, the department or self-insurer will pay 16.0 units for a routine report in addition to a routine office call if the call is needed to provide the information. If the doctor supplies additional comprehensive information in the report, payment of a charge submitted in excess of 16.0 units will be considered. In most cases, payment for a narrative report in addition to an extended or comprehensive office visit will not be considered as the fee for those services includes a comprehensive report. A narrative report should be billed under code 99080 and described as a "Sixty-Day Report".

CONSULTATION REPORTS: Following one-hundred twenty days of conservative care (nonsurgical cases), a consultation with the doctor of the attending doctor's choice is required to substantiate further treatment authorization. No prior authorization is required for such consultations. The department or self-insurer should be notified via a Consultation Referral form (LI-210-299). The consultant is responsible for submitting a copy of his report as outlined in WAC 296-20-035 and 296-20-051 with his bill to the department or self-insurer.

FOLLOW-UP REPORTS: Following the one-hundred twenty day consultation, narrative reports are required at sixty-day intervals as outlined in WAC 296-20-035. The department or self-insurer will request additional consultations and/or special exams as warranted by the individual case.

HOSPITAL REPORTS: When injured workers are hospitalized it is the responsibility of the doctor to submit his reports to the hospital for submission with the hospital billing. The doctor may bill for hospital visits without attaching copies of the reports. However, billing for operative procedures requires a copy of the operative report.

REOPENING APPLICATION: The department or self-insurer will pay the doctor for an office visit and diagnostic studies if necessary to complete a reopening application. In addition, code 90097 "completion of reopening application" can be billed.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-097 REOPENINGS. When a claim has been closed by department or self-insurer by written order and notice for sixty days, submission of a formal "Application to Reopen Claim for Aggravation of Condition" form (LI 210-79) is necessary. Exam and diagnostic studies associated with the reopening application will be paid by the department or self-insurer regardless of department or self-insurer action on the application. **NO OTHER BENEFITS WILL BE PAID UNTIL ADJUDICATION DECISION IS RENDERED.** Reopening applications should be submitted immediately. When reopening is granted, the department or self-insurer can pay time loss and treatment benefits only for a period not to exceed sixty days prior to date the application is received by department or self-insurer. Necessary treatment should not be deferred pending a department or self-insurer adjudication decision. However, should reopening be denied treatment costs become the financial responsibility of the worker.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-1102 SPECIAL EQUIPMENT RENTAL AND PURCHASE PROSTHETIC AND ORTHOTICS EQUIPMENT. The department or self-insurer will authorize and pay rental fee for equipment or devices if the need for the equipment will be for a short period of treatment during the acute phase of condition. If the equipment will be needed on long term basis, the department or self-insurer will consider purchase of the equipment or device.

The prescribing doctor must obtain prior authorization from the department or self-insurer, for rental or purchase of special equipment or devices.

The department or self-insurer will authorize and pay for prosthetics and orthotics as needed by claimant and substantiated by attending doctor. If such items are furnished by the attending doctor, the department or self-insurer will reimburse the doctor his cost for the item plus a reasonable fitting fee. In addition, a handling fee, not to exceed five percent of the wholesale cost of the item, will be paid.

The department or self-insurer will repair or replace originally provided damaged, broken, or worn-out prosthetics, orthotics, or special equipment devices upon documentation and substantiation from the attending doctor.

Provision of such equipment requires prior authorization.

Equipment not requiring prior authorization includes crutches, cervical collars, lumbar and rib belts, and other commonly used orthotics of minimal cost.

Personal appliances such as vibrators, heating pads, exercise equipment, jacuzzies, etc. will not be authorized or paid.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-1103 TRAVEL EXPENSE. The department or self-insurer will reimburse travel expense incurred by injured worker's for the following reasons: (1) Special exam at department's or self-insurer's request; (2) vocational evaluation at department's or self-insurer's request; (3) treatment at Department Rehabilitation Center; (4) fitting of prosthetic device; and (5) upon prior authorization for treatment when injured worker must travel more than ten miles one-way from his home to the nearest point of adequate treatment. Travel expense is not payable when adequate treatment is available within ten miles of injured worker's home, yet the injured worker prefers to report to an attending doctor outside his home area.

Travel expense will be reimbursed at the current department established rate.

No travel expense will be paid to those injured worker's residing outside the state of Washington or traveling from Washington to another state for treatment purposes.

When travel involves need for food and lodging these items will be reimbursed at the currently established rates.

Parking, vehicle storage, ferry and bridge tolls will be reimbursed if receipt is provided. No receipt will be required for parking expenses under two dollars.

Request for reimbursement of travel expenses must be received by the department or self-insurer within ninety days of the date expense was incurred.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-121 X-RAYS. Recognizing the greatest need for access to x-rays lies with the attending doctor, the department or self-insurer does not require submission of the actual films except upon specific request when needed for purposes of permanent disability rating, other administrative or legal decisions, or in litigation cases. The department or self-insurer requires the attending doctor retain x-rays for a period of not less than ((seven)) ten years. In transfer cases, the x-rays in the possession of the current attending doctor must be made available to the new attending doctor.

When requesting consultation, the attending doctor should make any x-rays in his possession available to the consultant.

When the doctor's office is closed because of death, retirement or leaving the state, arrangements must be made with the department or self-insurer regarding custody of x-rays to insure availability on request. When submitting billing for x-ray service, a copy of the x-ray findings must be attached. No payment will be made for excessive or unnecessary x-rays. No payment will be made on closed or rejected claims, except under conditions outlined in WAC 296-20-124.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-20-12502 PHYSICIAN ASSISTANT MODIFIERS. As the scope of physician assistant treatment covers a broad area of treatment procedures, the following modifier codes are to be used after the applicable procedure code.

-01 Physician Assistant(~~(Type A License, if)~~) performing procedure without presence of supervising physician. Bill 80% of Procedure Value.

(~~=02 Physician Assistant, Type B License, if performing procedure without presence of supervising physician. Bill 75% of Procedure Value.~~)

-04 Physician Assistant(~~(Type A License, if)~~) performing procedure in presence of supervising physician. Bill 80% of Procedure Value.

(~~=05 Physician Assistant, Type B License, if performing procedure in presence of supervising physician. Bill 75% of Procedure Value.~~)

-99 Multiple modifiers: Under certain circumstances, multiple modifiers may be applicable. One or more such modifiers may be taken from another section, as applicable. For example, a physician assistant might be serving as a surgical assistant (modifier -80), assisting in performing a multiple or bilateral procedure (modifier -50). In such cases, he would add this modifier (-99) to the procedure code and briefly indicate the circumstances.

AMENDATORY SECTION (Amending Order 80-24, filed 12/1/80, effective 1/1/81)

WAC 296-20-135 CONVERSION FACTOR TABLE—MEDICINE, CHIROPRACTIC, PHYSICAL THERAPY, DRUGLESS THERAPEUTICS AND NURSE PRACTITIONER SECTIONS. This table is a conversion of fee schedule unit values to fees in dollar amounts at $\$((0.96))$ 1.05 per unit. This conversion factor is to be applied to the medicine section of the fee schedule, the chiropractic, physical therapy, drugless therapeutic and nurse practitioner sections.

Unit Value @ $\$((0.96))$	Unit Value @ $\$((0.96))$	Unit Value @ $\$((0.96))$
1.05	1.05	1.05
.1 ((-10))	5.0 ((4.80))	9.9 ((9.50))
.11	5.25	10.40
.2 ((-19))	5.1 ((4.90))	10.0 ((9.60))
.21	5.36	10.50
.3 ((-29))	5.2 ((4.99))	10.5 ((10.00))
.32	5.46	11.03
.4 ((-38))	5.3 ((5.09))	11.0 ((10.56))
.42	5.57	11.55
.5 ((-48))	5.4 ((5.18))	11.5 ((11.04))
.52	5.67	12.08
.6 ((-58))	5.5 ((5.28))	12.0 ((11.52))
.63	5.78	12.60
.7 ((-67))	5.6 ((5.38))	12.5 ((12.00))
.73	5.88	13.13
.8 ((-77))	5.7 ((5.47))	13.0 ((12.48))
.84	5.99	13.65
.9 ((-86))	5.8 ((5.57))	13.5 ((12.96))
.95	6.09	14.18
1.0 ((-96))	5.9 ((5.66))	14.0 ((13.44))
1.05	6.20	14.70
1.1 ((+06))	6.0 ((5.76))	14.5 ((13.92))

Unit Value @ $\$((0.96))$	Unit Value @ $\$((0.96))$	Unit Value @ $\$((0.96))$
1.05	1.05	1.05
1.2 ((+15))	6.1 ((5.86))	15.0 ((14.40))
1.26	6.41	15.75
1.3 ((+25))	6.2 ((5.95))	16.0 ((15.36))
1.31	6.51	16.80
1.4 ((+34))	6.3 ((6.05))	17.0 ((16.32))
1.47	6.62	17.85
1.5 ((+44))	6.4 ((6.14))	18.0 ((17.28))
1.58	6.72	18.90
1.6 ((+54))	6.5 ((6.24))	19.0 ((18.24))
1.68	6.83	19.95
1.7 ((+63))	6.6 ((6.34))	20.0 ((19.20))
1.79	6.93	21.00
1.8 ((+73))	6.7 ((6.43))	21.0 ((20.16))
1.89	7.04	22.05
1.9 ((+82))	6.8 ((6.53))	22.0 ((21.12))
2.00	7.14	23.10
2.0 ((+92))	6.9 ((6.62))	23.0 ((22.08))
2.10	7.25	24.15
2.1 ((+02))	7.0 ((6.72))	24.0 ((23.04))
2.21	7.35	25.20
2.2 ((+11))	7.1 ((6.82))	25.0 ((24.00))
2.31	7.46	26.25
2.3 ((+21))	7.2 ((6.91))	30.0 ((28.80))
2.42	7.56	31.50
2.4 ((+30))	7.3 ((7.01))	35.0 ((33.60))
2.52	7.67	36.75
2.5 ((+40))	7.4 ((7.10))	40.0 ((38.40))
2.63	7.77	42.00
2.6 ((+50))	7.5 ((7.20))	45.0 ((43.20))
2.73	7.88	47.25
2.7 ((+59))	7.6 ((7.30))	50.0 ((48.00))
2.84	7.98	52.50
2.8 ((+69))	7.7 ((7.39))	55.0 ((52.80))
2.94	8.09	57.75
2.9 ((+78))	7.8 ((7.49))	60.0 ((57.60))
3.05	8.19	63.00
3.0 ((+88))	7.9 ((7.58))	65.0 ((62.40))
3.15	8.30	68.25
3.1 ((+93))	8.0 ((7.68))	70.0 ((67.20))
3.26	8.40	73.50
3.2 ((+07))	8.1 ((7.78))	75.0 ((72.00))
3.36	8.51	78.75
3.3 ((+17))	8.2 ((7.87))	80.0 ((76.80))
3.47	8.61	84.00
3.4 ((+26))	8.3 ((7.97))	85.0 ((81.60))
3.57	8.71	89.25
3.5 ((+36))	8.4 ((8.06))	90.0 ((86.40))
3.67	8.82	94.50
3.6 ((+46))	8.5 ((8.16))	95.0 ((91.20))
3.78	8.92	99.75
3.7 ((+55))	8.6 ((8.26))	100.0 ((96.00))
3.88	9.03	105.00
3.8 ((+65))	8.7 ((8.35))	105.0 ((100.80))
3.99	9.13	110.25
3.9 ((+74))	8.8 ((8.45))	110.0 ((105.60))
4.09	9.24	115.50
4.0 ((+84))	8.9 ((8.54))	115.0 ((110.40))
4.20	9.34	120.75
4.1 ((+94))	9.0 ((8.64))	120.0 ((115.20))
4.30	9.45	126.00
4.2 ((+03))	9.1 ((8.74))	125.0 ((120.00))
4.41	9.55	131.25
4.3 ((+13))	9.2 ((8.83))	130.0 ((124.80))
4.51	9.66	136.50
4.4 ((+22))	9.3 ((8.93))	140.0 ((134.40))
4.62	9.76	147.00
4.5 ((+32))	9.4 ((9.02))	150.0 ((144.00))
4.72	9.87	157.50
4.6 ((+42))	9.5 ((9.12))	160.0 ((153.60))
4.83	9.97	168.00
4.7 ((+51))	9.6 ((9.22))	170.0 ((163.20))

Unit Value @\$(0.96)	Unit Value @\$(0.96)	Unit Value @\$(0.96)	Unit Value @\$(13.47)	Unit Value @\$(13.47)	Unit Value @\$(13.47)
1.05	1.05	1.05	14.70	14.70	14.70
4.8 ((4.61))	9.7 ((9.31))	180.0 ((172.80))	2.6 ((35.02))	7.5 ((101.02))	45.0 ((666.15))
4.9 ((4.70))	9.8 ((9.41))	190.0 ((182.40))	2.7 ((36.36))	7.6 ((102.37))	50.0 ((673.50))
5.14	10.29	200.0 ((192.00))	2.8 ((37.71))	7.7 ((103.71))	55.0 ((740.85))
		210.00	2.9 ((39.06))	7.8 ((105.06))	60.0 ((808.20))
			3.0 ((40.41))	7.9 ((106.41))	65.0 ((875.55))
			3.1 ((41.75))	8.0 ((107.76))	70.0 ((942.90))
			3.2 ((43.10))	8.1 ((109.10))	75.0 ((1,010.25))
			3.3 ((44.45))	8.2 ((110.45))	80.0 ((1,077.60))
			3.4 ((45.79))	8.3 ((111.80))	85.0 ((1,144.95))
			3.5 ((47.14))	8.4 ((113.14))	90.0 ((1,212.30))
			3.6 ((48.49))	8.5 ((114.49))	95.0 ((1,279.65))
			3.7 ((49.83))	8.6 ((115.84))	100.0 ((1,347.00))
			3.8 ((51.18))	8.7 ((117.18))	105.0 ((1,414.35))
			3.9 ((52.53))	8.8 ((118.53))	110.0 ((1,481.70))
			4.0 ((53.88))	8.9 ((119.88))	115.0 ((1,549.05))
			4.1 ((55.22))	9.0 ((121.23))	120.0 ((1,616.40))
			4.2 ((56.57))	9.1 ((122.57))	125.0 ((1,683.75))
			4.3 ((57.92))	9.2 ((123.92))	130.0 ((1,751.10))
			4.4 ((59.26))	9.3 ((125.27))	140.0 ((1,885.80))
			4.5 ((60.61))	9.4 ((126.61))	150.0 ((2,020.50))
			4.6 ((61.96))	9.5 ((127.96))	160.0 ((2,155.20))
			4.7 ((63.30))	9.6 ((129.31))	170.0 ((2,289.90))
			4.8 ((64.65))	9.7 ((130.65))	180.0 ((2,424.60))
			4.9 ((66.00))	9.8 ((132.00))	190.0 ((2,559.30))
					200.0 ((2,694.00))
					2,940.00

AMENDATORY SECTION (Amending Order 80-24, filed 12/1/80, effective 1/1/81)

WAC 296-20-140 CONVERSION FACTOR TABLE—ANESTHESIA. This table is a conversion of fee schedule unit values to fees in dollar amounts at \$(13.47) 14.70 per unit. This conversion factor is to be applied to the anesthesia section of the fee schedule.

Unit Value @\$(13.47)	Unit Value @\$(13.47)	Unit Value @\$(13.47)
14.70	14.70	14.70
.1 ((1.34))	5.0 ((67.35))	9.9 ((133.35))
.2 ((2.69))	5.1 ((68.69))	10.0 ((134.70))
.3 ((4.04))	5.2 ((70.04))	10.5 ((141.43))
.4 ((5.38))	5.3 ((71.39))	11.0 ((148.17))
.5 ((6.73))	5.4 ((72.73))	11.5 ((154.90))
.6 ((8.08))	5.5 ((74.08))	12.0 ((161.64))
.7 ((9.42))	5.6 ((75.43))	12.5 ((168.37))
.8 ((10.77))	5.7 ((76.77))	13.0 ((175.11))
.9 ((12.12))	5.8 ((78.12))	13.5 ((181.84))
1.0 ((13.47))	5.9 ((79.47))	14.0 ((188.58))
1.1 ((14.81))	6.0 ((80.82))	14.5 ((195.31))
1.2 ((16.16))	6.1 ((82.16))	15.0 ((202.05))
1.3 ((17.51))	6.2 ((83.51))	16.0 ((215.52))
1.4 ((18.85))	6.3 ((84.86))	17.0 ((228.99))
1.5 ((20.20))	6.4 ((86.20))	18.0 ((242.46))
1.6 ((21.55))	6.5 ((87.55))	19.0 ((255.93))
1.7 ((22.89))	6.6 ((88.90))	20.0 ((269.40))
1.8 ((24.24))	6.7 ((90.24))	21.0 ((282.87))
1.9 ((25.59))	6.8 ((91.59))	22.0 ((296.34))
2.0 ((26.94))	6.9 ((92.94))	23.0 ((309.81))
2.1 ((28.28))	7.0 ((94.29))	24.0 ((323.28))
2.2 ((29.63))	7.1 ((95.63))	25.0 ((336.75))
2.3 ((30.98))	7.2 ((96.98))	30.0 ((404.10))
2.4 ((32.32))	7.3 ((98.33))	35.0 ((471.45))
2.5 ((33.67))	7.4 ((99.67))	40.0 ((538.80))

AMENDATORY SECTION (Amending Order 80-24, filed 12/1/80, effective 1/1/81)

WAC 296-20-145 CONVERSION FACTOR TABLE—SURGERY. This table is a conversion of fee schedule unit values to fees in dollar amounts at \$(46.65) 50.90 per unit. This conversion factor applies only to the surgery section of the fee schedule.

Unit Value @\$(46.65)	Unit Value @\$(46.65)	Unit Value @\$(46.65)
50.90	50.90	50.90
.1 ((4.67))	5.0 ((233.25))	9.9 ((461.84))
.2 ((9.33))	5.1 ((254.50))	10.0 ((466.50))
.3 ((14.00))	5.2 ((275.75))	10.5 ((489.83))

| Unit Value @\$(46.65) 50.90 |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 15.27 | 264.68 | 534.45 | 198.51 | 447.92 | 5,599.00 | | |
| .4 ((+18.66)) | 5.3 ((247.25)) | 11.0 ((513.15)) | 4.0 ((+186.60)) | 8.9 ((+15.19)) | 115.0 ((5,364.75)) | | |
| 20.36 | 269.77 | 559.90 | 203.60 | 453.01 | 5,853.50 | | |
| .5 ((23.33)) | 5.4 ((251.91)) | 11.5 ((536.49)) | 4.1 ((+191.27)) | 9.0 ((+19.85)) | 120.0 ((5,598.00)) | | |
| 25.45 | 274.86 | 585.35 | 208.69 | 458.10 | 6,108.00 | | |
| .6 ((27.99)) | 5.5 ((256.58)) | 12.0 ((559.80)) | 4.2 ((+195.93)) | 9.1 ((+24.52)) | 125.0 ((5,831.25)) | | |
| 30.54 | 279.95 | 610.80 | 213.78 | 463.19 | 6,362.50 | | |
| .7 ((32.66)) | 5.6 ((261.24)) | 12.5 ((583.13)) | 4.3 ((200.60)) | 9.2 ((+29.18)) | 130.0 ((6,064.50)) | | |
| 35.63 | 285.04 | 636.25 | 218.87 | 468.28 | 6,617.00 | | |
| .8 ((37.32)) | 5.7 ((265.91)) | 13.0 ((606.45)) | 4.4 ((205.26)) | 9.3 ((+33.85)) | 140.0 ((6,531.00)) | | |
| 40.72 | 290.13 | 661.70 | 223.96 | 473.37 | 7,126.00 | | |
| .9 ((41.99)) | 5.8 ((270.57)) | 13.5 ((629.78)) | 4.5 ((209.93)) | 9.4 ((+38.51)) | 150.0 ((6,997.50)) | | |
| 45.81 | 295.22 | 687.15 | 229.05 | 478.46 | 7,635.00 | | |
| 1.0 ((46.65)) | 5.9 ((275.24)) | 14.0 ((653.10)) | 4.6 ((214.59)) | 9.5 ((+43.18)) | 160.0 ((7,464.00)) | | |
| 50.90 | 300.31 | 712.60 | 234.14 | 483.55 | 8,144.00 | | |
| 1.1 ((51.32)) | 6.0 ((279.90)) | 14.5 ((676.43)) | 4.7 ((219.26)) | 9.6 ((+47.84)) | 170.0 ((7,930.50)) | | |
| 55.99 | 305.40 | 738.05 | 239.23 | 488.64 | 8,653.00 | | |
| 1.2 ((55.98)) | 6.1 ((284.57)) | 15.0 ((699.75)) | 4.8 ((223.92)) | 9.7 ((+52.51)) | 180.0 ((8,397.00)) | | |
| 61.08 | 310.49 | 763.50 | 244.32 | 493.73 | 9,162.00 | | |
| 1.3 ((60.65)) | 6.2 ((289.23)) | 16.0 ((746.40)) | 4.9 ((228.59)) | 9.8 ((+57.17)) | 190.0 ((8,063.50)) | | |
| 66.17 | 315.58 | 814.40 | 249.41 | 498.82 | 9,671.00 | | |
| 1.4 ((65.31)) | 6.3 ((293.90)) | 17.0 ((793.05)) | | | 200.0 ((8,520.00)) | | |
| 71.26 | 320.67 | 865.30 | | | 10,180.00 | | |
| 1.5 ((69.98)) | 6.4 ((298.56)) | 18.0 ((839.70)) | | | | | |
| 76.35 | 325.76 | 916.20 | | | | | |
| 1.6 ((74.64)) | 6.5 ((303.23)) | 19.0 ((886.35)) | | | | | |
| 81.44 | 330.85 | 967.10 | | | | | |
| 1.7 ((79.31)) | 6.6 ((307.89)) | 20.0 ((933.00)) | | | | | |
| 86.53 | 335.94 | 1,018.00 | | | | | |
| 1.8 ((83.97)) | 6.7 ((312.56)) | 21.0 ((979.65)) | | | | | |
| 91.62 | 341.03 | 1,068.90 | | | | | |
| 1.9 ((88.64)) | 6.8 ((317.22)) | 22.0 ((1,026.30)) | | | | | |
| 96.71 | 346.12 | 1,119.80 | | | | | |
| 2.0 ((93.30)) | 6.9 ((321.89)) | 23.0 ((1,072.95)) | | | | | |
| 101.80 | 351.21 | 1,170.70 | | | | | |
| 2.1 ((97.97)) | 7.0 ((326.55)) | 24.0 ((1,119.60)) | | | | | |
| 106.89 | 356.30 | 1,221.60 | | | | | |
| 2.2 ((102.63)) | 7.1 ((331.22)) | 25.0 ((1,166.25)) | | | | | |
| 111.98 | 361.39 | 1,272.50 | | | | | |
| 2.3 ((107.30)) | 7.2 ((335.88)) | 30.0 ((1,399.50)) | .1 ((-48)) | 5.0 ((23.80)) | 9.9 ((47.12)) | | |
| 117.07 | 366.48 | 1,527.00 | .52 | 25.95 | 51.38 | | |
| 2.4 ((111.96)) | 7.3 ((340.55)) | 35.0 ((1,632.75)) | .2 ((-95)) | 5.1 ((24.28)) | 10.0 ((47.60)) | | |
| 122.16 | 371.57 | 1,781.50 | 1.04 | 26.47 | 51.90 | | |
| 2.5 ((116.63)) | 7.4 ((345.21)) | 40.0 ((1,866.00)) | .3 ((+43)) | 5.2 ((24.75)) | 10.5 ((49.98)) | | |
| 127.25 | 376.66 | 2,036.00 | 1.56 | 26.99 | 54.50 | | |
| 2.6 ((121.29)) | 7.5 ((349.88)) | 45.0 ((2,099.25)) | .4 ((+90)) | 5.3 ((25.23)) | 11.0 ((52.36)) | | |
| 132.34 | 381.75 | 2,290.50 | 2.08 | 27.51 | 57.09 | | |
| 2.7 ((125.96)) | 7.6 ((354.54)) | 50.0 ((2,332.50)) | .5 ((2.38)) | 5.4 ((25.70)) | 11.5 ((54.74)) | | |
| 137.43 | 386.84 | 2,545.00 | 2.60 | 28.03 | 59.69 | | |
| 2.8 ((130.62)) | 7.7 ((359.21)) | 55.0 ((2,565.75)) | .6 ((2.86)) | 5.5 ((26.18)) | 12.0 ((57.12)) | | |
| 142.52 | 391.93 | 2,799.50 | 3.12 | 28.56 | 62.28 | | |
| 2.9 ((135.29)) | 7.8 ((363.87)) | 60.0 ((2,799.00)) | .7 ((3.33)) | 5.6 ((26.66)) | 12.5 ((59.50)) | | |
| 147.61 | 397.02 | 3,054.00 | 3.63 | 29.06 | 64.88 | | |
| 3.0 ((139.95)) | 7.9 ((368.54)) | 65.0 ((3,032.25)) | .8 ((3.81)) | 5.7 ((27.13)) | 13.0 ((61.88)) | | |
| 152.70 | 402.11 | 3,308.50 | 4.16 | 29.58 | 67.47 | | |
| 3.1 ((144.62)) | 8.0 ((373.20)) | 70.0 ((3,265.50)) | .9 ((4.29)) | 5.8 ((27.61)) | 13.5 ((64.26)) | | |
| 157.79 | 407.20 | 3,563.00 | 4.67 | 30.10 | 70.07 | | |
| 3.2 ((149.28)) | 8.1 ((377.87)) | 75.0 ((3,498.75)) | 5.19 | 30.63 | 72.66 | | |
| 162.88 | 412.29 | 3,817.50 | 5.71 | 31.14 | 75.26 | | |
| 3.3 ((153.95)) | 8.2 ((382.53)) | 80.0 ((3,732.00)) | 6.23 | 31.66 | 77.85 | | |
| 167.97 | 417.38 | 4,072.00 | 6.75 | 32.18 | 80.44 | | |
| 3.4 ((158.61)) | 8.3 ((387.20)) | 85.0 ((3,965.25)) | 7.27 | 32.70 | 83.04 | | |
| 173.06 | 422.47 | 4,326.50 | 7.79 | 33.22 | 85.63 | | |
| 3.5 ((163.28)) | 8.4 ((391.86)) | 90.0 ((4,198.50)) | 8.30 | 33.74 | 88.23 | | |
| 178.15 | 426.56 | 4,581.00 | 8.82 | 34.26 | 90.82 | | |
| 3.6 ((167.94)) | 8.5 ((396.53)) | 95.0 ((4,431.75)) | 9.34 | 34.78 | 93.42 | | |
| 183.24 | 432.65 | 4,835.50 | 9.86 | 35.30 | 96.02 | | |
| 3.7 ((172.61)) | 8.6 ((401.19)) | 100.0 ((4,665.00)) | 10.38 | 35.82 | 98.62 | | |
| 188.33 | 437.74 | 5,090.00 | 10.90 | 36.34 | 101.22 | | |
| 3.8 ((177.27)) | 8.7 ((405.86)) | 105.0 ((4,898.25)) | 11.42 | 36.86 | 103.82 | | |
| 193.42 | 442.83 | 5,344.50 | 11.94 | 37.38 | 106.42 | | |
| 3.9 ((181.94)) | 8.8 ((410.52)) | 110.0 ((5,131.50)) | 12.46 | 37.90 | 109.02 | | |

AMENDATORY SECTION (Amending Order 80-24, filed 12/1/80, effective 1/1/81)

WAC 296-20-150 CONVERSION FACTOR TABLE—RADIOLOGY. This table is a conversion of the fee schedule unit values to fees in dollar amounts at \$(4.76) 5.19 per unit. This conversion factor is to be applied only to the radiology section of the fee schedule.

| Unit Value @\$(4.76) 5.19 |
|---------------------------|---------------------------|---------------------------|---------------------------|
| .1 ((-48)) | 5.0 ((23.80)) | 9.9 ((47.12)) | |
| .52 | 25.95 | 51.38 | |
| .2 ((-95)) | 5.1 ((24.28)) | 10.0 ((47.60)) | |
| 1.04 | 26.47 | 51.90 | |
| .3 ((+43)) | 5.2 ((24.75)) | 10.5 ((49.98)) | |
| 1.56 | 26.99 | 54.50 | |
| .4 ((+90)) | 5.3 ((25.23)) | 11.0 ((52.36)) | |
| 2.08 | 27.51 | 57.09 | |
| .5 ((2.38)) | 5.4 ((25.70)) | 11.5 ((54.74)) | |
| 2.60 | 28.03 | 59.69 | |
| .6 ((2.86)) | 5.5 ((26.18)) | 12.0 ((57.12)) | |
| 3.12 | 28.56 | 62.28 | |
| .7 ((3.33)) | 5.6 ((26.66)) | 12.5 ((59.50)) | |
| 3.63 | 29.06 | 64.88 | |
| .8 ((3.81)) | 5.7 ((27.13)) | 13.0 ((61.88)) | |
| 4.16 | 29.58 | 67.47 | |
| .9 ((4.29)) | 5.8 ((27.61)) | 13.5 ((64.26)) | |
| 4.67 | 30.10 | 70.07 | |
| 5.19 | 30.63 | 72.66 | |
| 5.71 | 31.14 | 75.26 | |
| 6.23 | 31.66 | 77.85 | |
| 6.75 | 32.18 | 80.44 | |
| 7.27 | 32.70 | 83.04 | |
| 7.79 | 33.22 | 85.63 | |
| 8.30 | 33.74 | 88.23 | |
| 8.82 | 34.26 | 90.82 | |
| 9.34 | 34.78 | 93.42 | |
| 9.86 | 35.30 | 96.02 | |
| 10.38 | 35.82 | 98.62 | |
| 10.90 | 36.34 | 101.22 | |
| 11.42 | 36.86 | 103.82 | |
| 11.94 | 37.38 | 106.42 | |
| 12.46 | 37.90 | 109.02 | |

Unit Value	@\$(4.76) 5.19	Unit Value	@\$(4.76) 5.19	Unit Value	@\$(4.76) 5.19
1.8	8.82 (-8.57)	6.7	34.26 (-31.89)	21.0	103.80 (-99.96)
1.9	9.34 (-9.04)	6.8	34.78 (-32.37)	22.0	108.99 (+104.72)
2.0	9.86 (-9.52)	6.9	35.29 (-32.84)	23.0	114.18 (+109.48)
2.1	10.38 (+10.00)	7.0	35.81 (-33.32)	24.0	119.37 (+114.24)
2.2	10.90 (+10.47)	7.1	36.33 (-33.80)	25.0	124.56 (+119.00)
2.3	11.42 (+10.95)	7.2	36.85 (-34.27)	30.0	129.75 (+142.80)
2.4	11.94 (+11.42)	7.3	37.37 (-34.75)	35.0	155.70 (+166.60)
2.5	12.46 (+11.90)	7.4	37.89 (-35.22)	40.0	181.65 (+190.40)
2.6	12.98 (+12.38)	7.5	38.41 (-35.70)	45.0	207.60 (+214.20)
2.7	13.50 (+12.85)	7.6	38.93 (-36.18)	50.0	233.55 (+238.00)
2.8	14.01 (+13.33)	7.7	39.44 (-36.65)	55.0	259.50 (+261.80)
2.9	14.53 (+13.80)	7.8	39.96 (-37.12)	60.0	285.45 (+285.60)
3.0	15.05 (+14.28)	7.9	40.48 (-37.60)	65.0	311.40 (+309.40)
3.1	15.57 (+14.75)	8.0	41.00 (-38.08)	70.0	337.35 (+333.20)
3.2	16.09 (+15.23)	8.1	41.52 (-38.55)	75.0	363.30 (+357.00)
3.3	16.61 (+15.70)	8.2	42.04 (-39.03)	80.0	389.25 (+380.80)
3.4	17.13 (+16.18)	8.3	42.56 (-39.50)	85.0	415.20 (+404.60)
3.5	17.65 (+16.66)	8.4	43.08 (-39.98)	90.0	441.15 (+428.40)
3.6	18.17 (+17.13)	8.5	43.60 (-40.46)	95.0	467.10 (+452.20)
3.7	18.68 (+17.61)	8.6	44.12 (-40.93)	100.0	493.05 (+476.00)
3.8	19.20 (+18.08)	8.7	44.63 (-41.41)	105.0	519.00 (+499.80)
3.9	19.72 (+18.56)	8.8	45.15 (-41.88)	110.0	544.95 (+523.60)
4.0	20.24 (+19.04)	8.9	45.67 (-42.36)	115.0	570.90 (+547.40)
4.1	20.76 (+19.51)	9.0	46.19 (-42.84)	120.0	596.85 (+571.20)
4.2	21.28 (+19.99)	9.1	46.71 (-43.31)	125.0	622.80 (+595.00)
4.3	21.80 (+20.46)	9.2	47.23 (-43.79)	130.0	648.75 (+618.80)
4.4	22.32 (+20.94)	9.3	47.75 (-44.26)	140.0	674.70 (+666.40)
4.5	22.84 (+21.42)	9.4	48.28 (-44.74)	150.0	726.60 (+714.00)
4.6	23.36 (+21.89)	9.5	48.79 (-45.22)	160.0	778.50 (+761.60)
4.7	23.87 (+22.37)	9.6	49.31 (-45.69)	170.0	830.40 (+809.20)
4.8	24.39 (+22.84)	9.7	49.85 (-46.17)	180.0	882.30 (+856.80)
4.9	24.91 (+23.32)	9.8	50.34 (-46.64)	190.0	934.20 (+904.40)
	25.43		50.86	200.0	986.10 (+952.00)
					1,038.00

AMENDATORY SECTION (Amending Order 80-24, filed 12/1/80, effective 1/1/81)

WAC 296-20-155 CONVERSION FACTOR TABLE—PATHOLOGY. This table is a conversion of the fee schedule unit values to fees in dollar amounts at ((\$0.45) \$.49 per unit. This conversion factor is to be applied only to the pathology section of the fee section schedule.

Unit Value	@\$(.45) .49	Unit Value	@\$(.45) .49	Unit Value	@\$(.45) .49
.1	(-.04)	5.0	(-2.25)	9.9	(-4.45)
.2	(-.05)	5.1	(-2.29)	10.0	(-4.50)
.3	(-.10)	5.2	(-2.34)	10.5	(-4.72)
.4	(-.15)	5.3	(-2.38)	11.0	(-4.95)
.5	(-.20)	5.4	(-2.43)	11.5	(-5.17)
.6	(-.25)	5.5	(-2.47)	12.0	(-5.40)
.7	(-.29)	5.6	(-2.52)	12.5	(-5.62)
.8	(-.34)	5.7	(-2.56)	13.0	(-5.85)
.9	(-.39)	5.8	(-2.61)	13.5	(-6.07)
1.0	(-.44)	5.9	(-2.65)	14.0	(-6.30)
1.1	(-.49)	6.0	(-2.70)	14.5	(-6.52)
1.2	(-.54)	6.1	(-2.74)	15.0	(-6.75)
1.3	(-.58)	6.2	(-2.79)	16.0	(-7.20)
1.4	(-.63)	6.3	(-2.83)	17.0	(-7.65)
1.5	(-.67)	6.4	(-2.88)	18.0	(-8.10)
1.6	(-.72)	6.5	(-2.92)	19.0	(-8.55)
1.7	(-.76)	6.6	(-2.97)	20.0	(-9.00)
1.8	(-.81)	6.7	(-3.01)	21.0	(-9.45)
1.9	(-.85)	6.8	(-3.06)	22.0	(-9.90)
2.0	(-.90)	6.9	(-3.10)	23.0	(-10.35)
2.1	(-.94)	7.0	(-3.15)	24.0	(-10.80)
2.2	(-.99)	7.1	(-3.19)	25.0	(-11.25)
2.3	(-1.03)	7.2	(-3.24)	30.0	(-13.50)
2.4	(-1.08)	7.3	(-3.28)	35.0	(-15.75)
2.5	(-1.12)	7.4	(-3.33)	40.0	(-18.00)
2.6	(-1.17)	7.5	(-3.37)	45.0	(-20.25)
2.7	(-1.21)	7.6	(-3.42)	50.0	(-22.50)
2.8	(-1.26)	7.7	(-3.46)	55.0	(-24.75)
2.9	(-1.30)	7.8	(-3.51)	60.0	(-27.00)
3.0	(-1.35)	7.9	(-3.55)	65.0	(-29.25)
3.1	(-1.40)	8.0	(-3.60)	70.0	(-31.50)

Unit Value	@\$((-45))	Unit Value	@\$((-45))	Unit Value	@\$((-45))
	.49		.49		.49
3.2	(1.44)	8.1	(3.64)	75.0	(33.75)
	1.52		3.92		34.30
3.3	(1.48)	8.2	(3.69)	80.0	(36.00)
	1.57		3.97		36.75
3.4	(1.53)	8.3	(3.73)	85.0	(38.25)
	1.62		4.02		39.20
3.5	(1.57)	8.4	(3.78)	90.0	(40.50)
	1.67		4.07		41.65
3.6	(1.62)	8.5	(3.82)	95.0	(42.75)
	1.71		4.12		44.10
3.7	(1.66)	8.6	(3.87)	100.0	(45.00)
	1.76		4.17		46.55
3.8	(1.71)	8.7	(3.91)	105.0	(47.25)
	1.81		4.21		49.00
3.9	(1.75)	8.8	(3.96)	110.0	(49.50)
	1.86		4.26		51.45
4.0	(1.80)	8.9	(4.00)	115.0	(51.75)
	1.91		4.31		53.90
4.1	(1.84)	9.0	(4.05)	120.0	(54.00)
	1.96		4.36		56.35
4.2	(1.89)	9.1	(4.09)	125.0	(56.25)
	2.01		4.41		58.80
4.3	(1.93)	9.2	(4.14)	130.0	(58.50)
	2.06		4.46		61.25
4.4	(1.98)	9.3	(4.18)	140.0	(63.00)
	2.11		4.51		63.70
4.5	(2.02)	9.4	(4.23)	150.0	(67.50)
	2.17		4.56		68.60
4.6	(2.07)	9.5	(4.27)	160.0	(72.00)
	2.21		4.61		73.50
4.7	(2.11)	9.6	(4.32)	170.0	(76.50)
	2.25		4.66		78.40
4.8	(2.16)	9.7	(4.36)	180.0	(81.00)
	2.30		4.70		83.30
4.9	(2.20)	9.8	(4.41)	190.0	(85.50)
	2.35		4.75		88.20
	2.40		4.80		93.10
				200.0	(96.00)
					98.00

time requirements range from the briefest contact to the comprehensive examination of a complex medical problem. The following graduated listing of services is an attempt to reflect the relative values of the time and skills required at the various service levels. The listed values apply only when these services are performed by or under the responsible supervision of a physician. Separate rules and fee structure exist for services provided by other health care practitioners including nurse practitioners and physician's assistants.

(2) **SUPPLEMENTAL SKILLS:** When warranted, values for the services of two or more physicians will be allowed. Billings for such services must be supported "By Report". See WAC 296-20-01002 for By Report content information.

(3) **CAST ROOM CHARGES:** See ((WAC 296-22-095)) Code 99070 for information.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-011 FOOTNOTES.
+ BR: By Report; see WAC 296-20-01002 for detailed information.

@ Listed units represent basic anesthesia value only; add value for time. See WAC 296-21-130 for calculating total anesthesia values.

MEDICINE MODIFIERS

Listed values for most procedures may be modified under certain circumstances. When applicable, the modifying circumstance should be identified by the addition of the appropriate "modifier code number" (including the hyphen) after the usual procedure number. The value should be listed as a single modified total for the procedure. When multiple modifiers are applicable to a single procedure, see modifier code -99.

REPEALER

The following sections of the Washington Administrative Code are repealed:

(1) WAC 296-20-680 CLASSIFICATION OF DISABILITIES IN PROPORTION TO TOTAL BODILY IMPAIRMENT.

(2) WAC 296-20-690 PERMANENT IMPAIRMENTS OF THE CERVICO DORSAL (WAC 296-20-240) AND LUMBOSACRAL REGIONS (WAC 296-20-280) JOINTLY.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-010 GENERAL INFORMATION AND INSTRUCTIONS. Rules and billing procedures pertaining to all practitioners rendering services to injured workers are presented in the GENERAL INFORMATION section beginning with WAC 296-20-010. Some commonalities are repeated here for the convenience of those doctors referring to the Medicine Section. Definitions and items unique to medicine are also included.

(1) The following procedures are the most frequently recurring and widely variable items of medical care. The

	Unit Value
-18 EMERGENCY ROOM SERVICES: When the physician is in the hospital, but is involved in patient care elsewhere and is called to the emergency room to provide emergency services, identify by adding this modifier (-18) to the usual emergency room procedure number and add.	((4.0))8.0
-20 EMERGENCY ROOM SERVICES: When the physician is called to the emergency room from outside the hospital to provide services, identify by adding this modifier (-20) to the usual emergency room service procedure number and add	((14.0))16.0
-22 UNUSUAL SERVICES: When the services provided are greater than those usually required for the listed procedure, identify by adding this	

	Unit Value	Unit Value
modifier (-22) to the usual procedure number. List modified value. May require report.....	BR+	
-26 PROFESSIONAL COMPONENT: The listed values of certain procedures (laboratory, x-ray, specific diagnostic services, etc.) are a combination of a physician component and a technical component. When the physician component is billed separately, identify by adding this modifier (-26) to the usual procedure number.		
-52 REDUCED VALUES: Under certain circumstances, the listed value for a procedure is reduced or eliminated because of ground rules, common practice, or at the physician's election (e.g., the management of a patient in diabetic coma involving detention with patient in critical condition, with spinal tap, gastric lavage, multiple arterial punctures, cutdown, etc.). Under these or similar circumstances, the services provided can be identified by their usual procedure numbers and the use of a reduced value indicated by adding this modifier (-52) to the procedure number. (Use of this modifier provides a means of reporting services at a reduced charge without disturbing usual relative values.)		
-90 REFERENCE (OUTSIDE) LABORATORY: When laboratory procedures are performed by other than the billing physician, the procedure(s) shall be identified by adding this modifier (-90) to the usual single or panel procedure number and shall be billed as charged to the physician.		
-99 MULTIPLE MODIFIERS: Under certain circumstances multiple modifiers may be applicable. Under such circumstances, identify by adding this modifier (-99) to the usual procedure number and briefly indicate the circumstances. Value in accordance with appropriate modifiers.....	BR+	
AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)		
WAC 296-21-013 SPECIAL SERVICES AND BILLING PROCEDURES. The following services are		
		generally part of the basic services listed in the Maximum Fee Schedule but do involve additional expenses to the physician for materials, for his time or that of his employees. These services are generally provided as an adjunct to common medical services and should be used only when circumstances clearly warrant an additional charge over and above the usual charges for the basic services.
99000		Collection and handling of specimen for transfer from the physician's office to a laboratory 6.0
99001		Collection, handling, and/or conveyance of specimen for transfer from the patient's home to a laboratory (distance may be indicated) 8.0
99002		Collection, handling, conveyance, and/or any other service in connection with the implementation of an order involving devices (e.g., designing, fitting, packaging, handling, delivery or mailing) when devices such as orthotics, protectives, prosthetics are fabricated by an outside laboratory or shop but which items have been designed, and are to be fitted and adjusted by the attending physician 12.0
99012		Telephone calls, phone consultations or repeated or lengthy phone calls may need to be separately identified per 15 minutes 10.0
99024		Post-operative follow-up BR
		(See WAC 296-22-010)
99025		Initial (new patient) visit when asterisk (*) surgical procedure constitutes major service at that visit 20.0
99030		Mileage, one way, each mile beyond 7 mile radius of point of origin (office or home), per mile 2.0
99040		Completion of certificate of disability card 2.0
99050		Services requested after office hours in addition to basic service 10.0
99052		Services requested between 10:00 p.m. and 8:00 a.m. in addition to basic services provided the office is closed during this period of time 12.0
99054		Services requested on Sundays and holidays in addition to basic services 12.0
99056		Services provided at request of patient in a location other than physician's office which are normally provided in the office BR
99058		Office services provided on an emergency basis BR

Unit
Value

Unit
Value

over

(For hospital-based emergency care facility services, see 90500 et seq.)

- 99062 Emergency care facility services: When the nonhospital-based physician is in the hospital but is involved in patient care elsewhere and is called to the emergency facility to provide emergency services 8.0
- 99064 Emergency care facility services: When the nonhospital-based physician is called to the emergency facility from outside the hospital to provide emergency services; not during regular office hours ((+6.0))25.0
- 99065 during regular office hours ((25.0))16.0
- 99070 Supplies and materials provided by the physician over and above those usually included with the office visit or other services rendered (list drugs, trays, supplies or materials cast room and/or casting supplies provided) BR+
- (For spectacles, see 92390-92395)
- 99080 Special reports as insurance forms, or the review of medical data to clarify a patient's status—more than the information conveyed in the usual medical communications or standard reporting form at Department Request BR
- 99082 Unusual travel (e.g., transportation and escort of patient) per mile 2.0
- 99085 Physician called on to convey instructions by telephone to hospital emergency room or nurse practitioner clinic—to be paid only to initial attending physician upon completion of Report of Accident form 12.0
- 99150 Detention, prolonged, with patient requiring attention beyond usual service (e.g., critically ill patient, 30 minutes or less) 25.0
- 99151 one hour 50.0

CRITICAL CARE

Critical care includes the care of critically ill patients in a variety of medical emergencies that requires the constant attention of the physician (cardiac arrest, shock, bleeding, respiratory failure, postoperative complications, critically ill neonate). Critical care is usually, but not always, given in a critical care area, such as the coronary care unit, intensive care unit, respiratory care unit, or the emergency care facility. The descriptors for

critical care are intended to include cardiopulmonary resuscitation and a variety of services attendant to this procedure as well as other acute emergency situations. Separate procedure codes for services performed during this period, such as placement of catheters, cardiac output measurement, management of dialysis, control of gastrointestinal hemorrhage, electrical conversion of arrhythmia, etc., are excluded when this descriptor is used on a per hour basis. (The physician may list his services separately if he desires.)

- 99160 Critical care, initial, including the diagnostic and therapeutic services and direction of care of the critically ill or multiple injured or comatose patient, requiring the prolonged presence of the physician; each hour 100.0
- 99162 additional 30 minutes 50.0
- 99165 Monitoring respiration 20.0
- 99166 Monitoring temperature 20.0

OTHER SERVICES

- 99170 Gastric intubation, and aspiration or lavage for treatment (e.g., for ingested poisons) SV
- 99175 Ipecac or similar administration for individual emesis and continued observation until stomach adequately emptied of poison SV

(For diagnostic intubation, see 82926-82932, 89130-89141)

(For gastric lavage for diagnostic purposes, see 91055)

- 99180 Hyperbaric oxygen pressurization; initial BR
- 99182 Subsequent BR
- 99185 Hypothermia; regional BR
- 99186 total body BR
- 99190 Assembly and operation of pump with oxygenator or heat exchanger (with or without ECG and/or pressure monitoring); each hour BR
- 99191 ~~1/4 hour BR~~
- 99192 ~~1/2 hour BR~~
- 99195 Phlebotomy, therapeutic (separate procedure) BR
- 99199 Unlisted special service or report BR

(For monitoring cardiac output, see 78470, 93561, 93962)

(For monitoring intra-aortic balloon counterpulsation, see 33972)

(For subsequent visits, see appropriate hospital visits, 90200-90280)

13
1

Unit
Value

(For physicians assigned to critical care units or other long-term attendance, use Special Reports)

DEFINITIONS

Definitions and Items of Commonality.

Terms and phrases common to the practice of medicine are defined as follows and apply to procedures 90000 through 90696.

(1) **NEW PATIENT:** A patient new to the physician.

(2) **ESTABLISHED PATIENT:** A patient known to the physician and/or whose records are usually available.

(3) **CONSULTATION:** A consultation includes services rendered by a physician whose opinion or advice is requested for the further evaluation and/or treatment of the patient. When the consulting physician assumes responsibility for the continuing care of the patient, any subsequent service rendered by him will cease to be a consultation. Four levels of consultation are recognized: Limited, extensive, comprehensive and consultation of complexity.

For example:

(a) In a **LIMITED** consultation the physician confines his service to the examination or evaluation of a single organ system for a limited condition. For example, the dermatologist's opinion about a skin lesion, the neurologist's opinion about a disc problem and the orthopedist's opinion about a knee or low back problem.

(b) An **EXTENSIVE** consultation involves a prolonged evaluation including more than a single organ system or region. For example: The examination of the cardiac patient who needs clearance before undergoing a surgical operation, consultations involving cardio-pulmonary problems and neurologic and orthopedic examinations of patient whose complaints seem disproportionate to his objective findings requiring detailed psychosocial evaluation.

(c) A **COMPREHENSIVE** consultation indicates the performance of detailed history (including the current problem, any previous illnesses, family disease tendencies and a review of all organ systems) and a thorough physical examination on a patient with a complex illness to establish the diagnosis and/or recommended therapy. For example, The young person with fever, arthritis and anemia and examination of patient for diagnosis and in depth evaluation of all organ systems for pre-existing and/or unrelated nonindustrial conditions.

(d) The consultation of **UNUSUAL COMPLEXITY:** This is an uncommonly performed service with an in-depth medical opinion in a case involving all components of a detailed history with exhaustive examination of all organ systems and regions. For example: The patient with an undiagnosed fever of several years duration, with multiple hospitalizations, requiring a review of previous records, laboratory studies and radiographs as well as a comprehensive examination. Another example is the

psychotic patient with minor cardiac findings who is being considered for cardio-pulmonary bypass because of complaints of angina. Another example is the paraplegic patient with iatrogenic drug addiction or dependency (condition resulting from treatment).

(4) **REFERRAL:** (Transfer) A referral is the transfer of the total or specific care of a patient from one physician to another and does not constitute a consultation. Initial evaluation and subsequent services are designated as listed below in levels of service.

(5) **INDEPENDENT PROCEDURE:** Certain listed procedures are commonly undertaken as an integral part of a total service. When such a procedure is undertaken as a separate entity, the designation "Independent Procedure" is appropriate. For example: A patient being seen in consultation by an ophthalmologist and it is necessary for him to perform a gonioscopy or a ophthalmoscopy with intravenous fluorescein as diagnostic procedures in connection with the consultation, then they would be considered as independent procedures. Another example would be cardiac monitoring with electronic equipment in intrathoracic or other critical surgery.

(6) **LEVELS OF SERVICE:** Examinations, evaluations, treatment, counseling, conferences with or concerning patients, and services which necessitate wide variations in skill, effort and time required for the diagnosis and treatment of illness and the promotion of optimal health. Six levels are recognized:

MINIMAL: A level of service including injections, dressings, minimal care, etc., not necessarily requiring the presence of the physician.

For Example:

(a) Routine immunization for tetanus administered by a nurse.

(b) Blood pressure determination by a nurse for medication control.

(c) Removal of sutures from laceration.

BRIEF: A level of service requiring a brief period of time, with minimal effort by the physician.

For Example:

(a) Certification of time loss in a stable or chronic case.

(b) Re-examination of contusion or abrasion.

(c) Examination of conjunctiva by the physician in a patient with subconjunctival hemorrhage, irrigation, medication and removal of foreign body with instrument.

LIMITED: A level of service requiring limited effort or judgment, such as abbreviated or interval history, limited examination or discussion of findings and/or treatment.

For Example:

(a) Review and examination of uncomplicated sprains and strains with initiation, continuation and/or change of treatment.

(b) Examination of an extremity fracture not requiring reduction.

(c) Post-operative care in instances where the unit value is for surgical procedure only.

INTERMEDIATE: A level of service such as a complete history and physical examination of one or more organ systems, or an in depth counseling or discussion of the findings, but not requiring a comprehensive examination of the patient as a whole.

For Example:

(a) Review of interval history, examination of neck veins, lungs, heart, abdomen and extremities, discussion of findings and prescription of treatment in decompensated arteriosclerotic heart disease.

(b) Review of interval history, examination of musculoskeletal system, discussion of findings, and adjustment of therapeutic program in low back and/or arthritic disorders.

(c) Review of recent illness: Examination of pharynx, neck, axilla, groin, and abdomen; interpretation of laboratory tests and prescription of treatment in infectious mononucleosis.

(d) Evaluation of a chest, post trauma, with impaired respiration with development of shock.

EXTENDED: A level of service requiring an unusual amount of time, effort or judgment but not complete examination of the patient as a whole.

For Example:

(a) Detailed review of results of diagnostic evaluation including discussion of physical findings, laboratory studies, x-ray examinations, diagnostic conclusions and recommendations for treatment.

(b) Prolonged evaluation required for psychologically unstable or dependent patient.

COMPREHENSIVE: A level of service providing an in depth evaluation of the patient.

For Example:

(a) Evaluation of the patient including complete history, physical examination and initiation of diagnostic and/or treatment program.

(b) Re-examination or re-evaluation of patient with continuing or new illness, including complete history, physical examination and initiation of diagnostic and/or treatment program.

(c) Evaluation of a head injury immediately post trauma with a known previous history of convulsive disorders and a post trauma history of transitory loss of consciousness, dizziness, visual problems, etc.

(d) Evaluation of a cardiac problem with respiratory distress resulting from inhalation of toxic and/or irritant chemicals.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-015 OFFICE VISITS.

Unit Value

Initial Visit

90000	BRIEF evaluation, history, examination and/or treatment and submission of a report	20.0
90001	Completion of Report of Accident ((only))	12.0
90010	Initial LIMITED history and physical examination, including initiation of diagnostic and treatment program and submission of a report. (Routine visit involving a single region or organ system)	30.0
90015	Initial INTERMEDIATE history and physical examination, including initiation of diagnostic and treatment program and submission of a report. (Serious or complicated case involving one or more regions or organ systems. Complexity or complication must be indicated in report)	50.0
90017	Extended-Initial office visit including history and physical exam, and initiation of treatment program with submission of a report	60.0
90020	Initial COMPREHENSIVE history and physical examination, including initiation of diagnostic and treatment program with submission of a report. (A complex case requiring an unusual amount of time, skill or judgment and an evaluation of the patient as a whole and accompanied with a detailed report)	70.0

Follow-up Visits

90030	MINIMAL service (e.g., Injection, immunization, minimal dressing) (Independent procedure)	8.0
90040	BRIEF examination, evaluation and/or treatment with office notes	12.0
90050	LIMITED examination, evaluation and/or treatment with office notes.	16.0
90060	INTERMEDIATE examination, evaluation and/or treatment. (Serious or complicated case involving one or more regions and/or organ systems, and accompanied with a detailed report)	20.0
90070	EXTENDED re-examination or re-evaluation requiring an unusual amount of time, skill or judgment, but not necessitating a complete examination or re-examination of the patient as a whole accompanied by a detailed report	30.0

	Unit Value
90080 <i>COMPREHENSIVE</i> re-examination or re-evaluation requiring complete re-evaluation of the patient as a whole accompanied by a detailed report	50.0
90097 Completion of a reopening application (only). An initial office visit fee will be paid for this reopening examination when justified by a report. Diagnostic studies and x-ray studies associated with the reopening examination will be allowed in addition to this fee.	12.0

(For special narrative reports, at department or self-insurer request, see code 99080.)

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-025 HOSPITAL VISITS.

New or Established Patients

	Unit Value
90200 Initial hospital care, <i>BRIEF</i> or <i>LIMITED</i> history and physical examination, including initiation of diagnostic and treatment program, preparation of hospital records. (Routine visit involving a single region or organ system)	30.0
90215 Initial hospital care, <i>INTERMEDIATE</i> history and physical examination, including initiation of diagnostic and treatment program and preparation of hospital records. (Serious or complicated case involving one or more regions and/or organ systems and indicated in a report)	50.0
90220 Initial hospital care, <i>COMPREHENSIVE</i> history and physical examination, including initiation of diagnostic and treatment program and preparation of hospital records. (A complex case requiring an unusual amount of time, skill or judgment and evaluation of the patient as a whole accompanied by a detailed report in addition to the Report of Accident)	70.0
90240 <i>BRIEF</i> examination, evaluation and/or treatment, same illness. (Followup hospital care)	12.0
90250 <i>LIMITED</i> examination, evaluation and/or treatment. Report required. (Routine followup hospital care)	20.0

90260 <i>INTERMEDIATE</i> examination, evaluation and/or treatment. Report required. (Serious or complicated case involving one or more regions or organ systems)	30.0
90270 <i>EXTENDED</i> re-examination or re-evaluation, requiring an unusual amount of time, skill or judgment, but not necessitating a complete examination or re-evaluation of the patient as a whole accompanied by a report	40.0
90280 Comprehensive examination, evaluation or treatment. Report Required.	50.0
<u>90292 Hospital discharge day management</u>	<u>30.0</u>

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-027 EMERGENCY ROOM SERVICE. The following values apply for services performed in the Emergency Room when the physician is assigned to Emergency Room duty or is present in the Emergency Room because of other activity there, or if the physician elects to use the Emergency Room as a substitute for his office.

When the physician is in the hospital but is involved in patient care elsewhere and is called to the Emergency Room to provide emergency service, use modifier code -18, under WAC 296-21-011.

When the physician is called to the Emergency Room from outside the hospital to provide services, use modifier code -20, WAC 296-21-011.

	Unit Value
<i>Initial Visit</i>	
90500 <i>MINIMAL</i> service (i.e. injection, etc.)	10.0
90505 <i>BRIEF</i> evaluation, history, examination and/or treatment. (Not payable when other fees are payable except as indicated by modifiers)	20.0
90510 Initial <i>LIMITED</i> history and physical examination, including initiation of diagnostic and treatment program. (Routine case involving a single region and/or organ system) (Not payable when other fees are payable except as indicated by modifiers)	30.0
90515 Initial <i>INTERMEDIATE</i> history and physical examination, including initiation of diagnostic and treatment program <u>and submission of a detailed report.</u> (Serious or complicated case involving one or more	

	Unit Value
regions and/or organ systems) (Not payable when other fees are payable except as indicated by modifiers)	50.0
90517 Initial EXTENDED history and physical examination, including initiation of diagnostic and treatment program and submission of a detailed report. (Examination or evaluation requiring an unusual amount of time, skill or judgment.) (Not payable when other fees are payable except as indicated by modifiers.)	BR
Follow-up Visit	
90530 MINIMAL service (e.g., injection, minimal dressing, suture removal, minor laceration) (Not payable when other fees are applicable except as indicated by modifiers)	8.0
90540 BRIEF examination, evaluation and/or treatment. (Not payable when other fees are applicable except as indicated by modifiers)	12.0
90550 LIMITED examination, evaluation and/or treatment. (Routine follow up care) (Not payable when other fees are applicable except as indicated by modifiers)	16.0
90560 INTERMEDIATE examination, evaluation and/or treatment accompanied by a detailed report. (Case involving one or more regions and/or organ systems) (Not payable when other fees are payable except as indicated by modifiers)	20.0
90570 EXTENDED re-examination or re-evaluation and/or treatment requiring an unusual amount of time, skill or judgment but not necessitating evaluation of the man as a whole accompanied by a detailed report. (Not payable when other fees are applicable except as indicated by modifiers)	30.0

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-030 CONSULTATIONS. A CONSULTATION is considered here to include those services rendered by a physician whose OPINION OR ADVICE is requested by another physician or agency in the evaluation and/or treatment of a patient's illness. When the consultant physician thereupon assumes the CONTINUING CARE of the patient, any subsequent service(s) rendered by him will no longer be considered as a consultation.

A REFERRAL is considered here to be the transfer of the total or specific care of a patient from one physician to another. THIS IS NOT A CONSULTATION. Values for the initial visit and the subsequent services for referrals are listed under the appropriate headings in other portions of this schedule.

The values do not necessarily include consultations involving litigation.

((For special narrative reports or review of records, see 99080))

	Unit Value
90600 Consultation requiring LIMITED examination and/or evaluation of a given system or region but not requiring a comprehensive history and examination ((with)). Report required.	30.0
90605 Intermediate consultation - Consultation requiring intermediate history and physical exam of one or more regions and/or organ system, but not requiring comprehensive history and examination. Requires Report.	40.0
90610 Consultation requiring more EXTENSIVE examination and/or evaluation of one or more regions or organ systems but not requiring comprehensive history and examination ((with)). Report required.	50.0
90620 Consultation requiring COMPREHENSIVE history, examination and/or evaluation of one or more regions and/or organ systems with report.	70.0
90630 Consultation of unusual complexity (in excess of scope of services identified by 90600, 90610 and 90620.) Necessitating exceptionally detailed history and examination with extensive review of prior medical records, completion and assessment of data and the preparation of a special report.	BR+

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-047 THERAPEUTIC INJECTIONS.

(For cost of drugs supplied by physician, see 99070)

(For injections performed as an independent procedure, see 90030)

(For allergy testing, see WAC 296-21-075)

(For skin testing, see 86450-86585)

	Unit Value
90782 Therapeutic injection of medication (specify); subcutaneous or intramuscular	((3.0))12.0
90784 intravenous	((6.0))16.0
90788 Intramuscular injection of antibiotic (specify)	((3.0))12.0
90790 Chemotherapy for malignant disease, parenteral	SV
90791 infusion (continuous or intermittent)	BR
90792 perfusion	BR
90793 intracavitary	BR

(For intra-arterial chemotherapy requiring arterial catheterization, see 36100-36299, 36640-36660)

(For monitoring of an intra-arterial chemotherapy, drip or forced infusion, see 36620-36625)

(For radioactive isotope therapy, see 79000-79999)

90796 Injection of an intrathecal chemotherapeutic agent administered by the physician	6.0
90798 Intravenous therapy for severe or intractable allergic disease in physician's office or institution with theophyllines, corticosteroids, antihistamines	11.0
90799 Unlisted therapeutic injection	BR

(For allergy immunizations, see 9500 et seq.)

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-050 PSYCHIATRIC SERVICES.

NOTES

Hospital care by the attending physician in treating a psychiatric inpatient may be initial or subsequent in nature (see 90200-90280) and may include exchanges with nursing and ancillary personnel. Hospital care services involve a variety of responsibilities unique to the medical management of inpatients, such as physician hospital orders, interpretation of laboratory or other medical diagnostic studies and observations, review of activity therapy reports, supervision of nursing and ancillary personnel, and the programming of all hospital resources for diagnosis and treatment. Some patients receive hospital care services only and others receive hospital care services and other procedures. If other procedures such as electroconvulsive therapy or medical psychotherapy are rendered in addition to hospital care services, these should be listed separately (i.e., hospital care service plus electroconvulsive therapy or plus medical psychotherapy if rendered).

Psychiatric care may be reported without time dimensions according to the procedure or service as are other medical or surgical procedures. In reporting medical psychotherapy procedures, time is only one aspect and may be expressed as is customary in the local area. For example, the usual appointment length of an individual medical psychotherapy procedure may be signified by the procedure code alone. The modifier '-52' may be used to signify a service that is reduced or less extensive than the usual procedure. The modifier '-22' may be used to indicate a more extensive service. Thus medical psychotherapy procedures may be reported by the procedure code alone or by the procedure code with a modifier. If appropriate and customary in the local area, codes 90841, 90843 or 90844 may be used.

Other medical services, such as 90050—Limited office medical service or other patient encounters, may be described as listed in the section on Medicine if appropriate).

CONSULTATION

Consultation for psychiatric evaluation of a patient. Includes examination of patient and exchange of information with primary physician and other informants such as nurses or family members, and preparation of report. Apply to consultations as listed in the section on Medicine. (90600-90630) (See also definition of consultation)

GENERAL CLINICAL PSYCHIATRIC DIAGNOSTIC OR EVALUATIVE INTERVIEW PROCEDURES

	Unit Value	Basic Anes@
90801 Psychiatric diagnostic interview examination including history, mental status, or disposition (may include communication with family or other sources, ordering and medical interpretation of laboratory or other medical diagnostic studies, in certain circumstances other informants will be seen in lieu of the patient) ((50.0))	70.0	
SPECIAL CLINICAL PSYCHIATRIC DIAGNOSTIC OR EVALUATIVE PROCEDURE		
90825 Psychiatric evaluation of hospital records, other psychiatric reports, psychometric and/or projective tests, and other accumulated data for medical diagnostic purposes (without other informants or patient interview)	30.0	
90831 Telephone consultation with or about patient for psychiatric therapeutic or diagnostic purposes	20.0	
90835 Narcosynthesis for psychiatric diagnostic and therapeutic purposes,		

	Unit Value	Basic Anes@
e.g., sodium amobarbital (Amytal) interview	50.0	
90840 Psychologic testing, psychometric and/or projective tests, with written report, given by or under supervision of physician, per hour	45.0	
PSYCHIATRIC THERAPEUTIC PROCEDURES		
MEDICAL PSYCHOTHERAPY		
90841 Individual medical psychotherapy with continuing medical diagnostic evaluation, and drug management when indicated, including psychoanalysis, insight oriented, behavior modifying or supportive psychotherapy, each 15 minutes	(15.0)	<u>20.0</u>
90843 approximately 20 TO 30 minutes	(30.0)	<u>45.0</u>
90844 approximately 45 OR 50 minutes	(50.0)	<u>70.0</u>
90847 Family medical psychotherapy (conjoint psychotherapy) with continuing medical diagnostic evaluation, and drug management when indicated, of two family members	50.0	
90848 of three or more members of one family	60.0	
90849 Multiple-family group medical psychotherapy with continuing medical diagnostic evaluation, and drug management when indicated	50.0	
90850 Inpatient care including psychotherapy and supervision of milieu team (e.g., occupational therapy, psychiatric nursing, etc.) or conference with family, 50 minutes	(50.0)	<u>70.0</u>
90851 25 minutes	(30.0)	<u>45.0</u>
90852 15 minutes	20.0	
90853 Group medical psychotherapy (other than of a multiple-family group) with continuing medical diagnostic evaluation, and drug management when indicated	50.0	
PSYCHIATRIC SOMATOTHERAPY		
90862 Chemotherapy management, including prescription, use, and review of medication with no more than minimal medical psychotherapy	60.0	
90870 Electroconvulsive therapy	50.0	

90872 Subconvulsive electric shock treatment	40.0
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OTHER PSYCHIATRIC THERAPY

90880 Medical hypnotherapy	35.0
90882 Environmental intervention for medical management purposes on a psychiatric patient's behalf with agencies, employers, or institutions	30.0
90887 Interpretation or explanation of results of psychiatric, other medical examinations and procedures, or other accumulated data to family or other responsible persons, or advising them how to assist patient	30.0
90889 Preparation of report of patient's psychiatric status, history, treatment, or progress (other than for legal or consultative purposes) for other physicians, agencies, or insurance carriers	50.0

(For psychiatric consultation see 90600-90630)

90898 If a claimant fails to appear for the initial psychiatric treatment interview and the psychiatrist, through investigation, including contact with the patient, files a useful report including recommendations, he is entitled to a full hour's fee ((50.0))	<u>70.0</u>
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OTHER PROCEDURES

90899 Unlisted psychiatric service or procedure	BR
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AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-0501 BIOFEEDBACK RULES. Procedures listed under WAC 296-20-0502 are for use by M.D.'s, D.O.'s, certified registered nurses and certified psychologists. RPT's and LPT's must use rules and procedures listed under WAC 296-23-710 through 296-23-725.

Administration of Biofeedback treatment is limited to those practitioners who are certified by the Biofeedback ((Society of Washington)) Certification Institute of America or who meet the minimum education, experience, and training qualifications to be so certified. Those practitioners wishing to administer Biofeedback treatment to injured workers, must submit a copy of their Biofeedback certification or supply evidence of their qualifications to the department of self-insurer as the case may be.

(1) The department will authorize Biofeedback treatment for the following conditions when accepted under the Industrial Insurance claim:

- (a) Idiopathic Raynaud's disease
- (b) Temporomandibular Joint Dysfunction
- (c) Myofascial Pain Dysfunction Syndrome (MPD)
- (d) Tension headaches
- (e) Migraine headaches
- (f) Tinnitus
- (g) Torticollis
- (h) Neuromuscular re-education as result of neurological damage in CVA or spinal cord injury
- (i) Inflammatory and/or musculoskeletal disorders causally related to the accepted condition.

(2) Twelve Biofeedback treatments in a ninety day period will be authorized for the above conditions when the following is presented:

- (a) An evaluation report documenting:
 - (i) The basis for the claimant's condition;
 - (ii) the condition's relationship to the industrial injury;
 - (iii) an evaluation of the claimant's current functional measurable modalities (i.e., range of motion, up time, walking tolerance, medication intake, etc.);
 - (iv) an outline of the proposed treatment program;
 - (v) an outline of the expected restoration goals.

(b) No further Biofeedback treatments will be authorized or paid for without substantiation of evidence of improvement in measurable, functional modalities (i.e., range of motion, up time, walking tolerance, medication intake, etc.). Only one additional treatment block of twelve treatments per ninety days will be authorized. Requests for Biofeedback treatment beyond twenty-four treatments or one hundred eighty days will be granted only after file review by and on the advice of the department's medical consultant.

(c) In addition to treatment, pre-treatment and periodic evaluation will be authorized. Follow-up evaluation can be authorized at one, three, six, and twelve months post-treatment.

(d) At the department's option, a concurring opinion may be required regarding relationship of the condition to the industrial injury and/or need for Biofeedback treatment.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-057 MONITORING SERVICES. The following values are for physician's services only and do not include charges for use of equipment or supplies.

Unit
Value

Dialysis

HEMODIALYSIS

(For cannula declotting, see 36860, 36861)

	Unit Value
90941 Hemodialysis, acute renal failure or intoxication, per dialysis	BR+
90942 patient 21-40 kg	BR
90943 patient 11-20 kg	BR
90944 patient under 10 kg	BR
90951 Hemodialysis, for chronic irreversible renal insufficiency, initial stabilizing therapy via shunt or fistula, up to 4-6 weeks, patient over 40 kg	BR
90952 patient 21-40 kg	BR
90953 patient 11-20 kg	BR
90954 patient under 10 kg	BR
90955 Hemodialysis, for chronic irreversible renal insufficiency, maintenance for stabilized condition, more than 4-6 weeks, hospital, patient over 40 kg	BR
90956 patient 21-40 kg	BR
90957 patient 11-20 kg	BR
90958 patient under 10 kg	BR
PERITONEAL DIALYSIS	
(For insertion of cannula or catheter, see 49420, 49421)	
90966 Peritoneal dialysis for acute renal failure and/or intoxication, excluding catheter/cannula insertion; patient more than 40 kg	BR
90967 patient 21-40 kg	BR
90968 patient 11-20 kg	BR
90969 patient under 10 kg	BR
90976 Peritoneal dialysis for chronic renal failure; patient more than 40 kg	BR
90977 patient 21-40 kg	BR
90978 patient 11-20 kg	BR
90979 patient under 10 kg	BR
MISCELLANEOUS DIALYSIS PROCEDURES	
90990 Hemodialysis training and/or counseling	BR
90991 Home hemodialysis care, outpatient, for those services either provided by the physician primarily responsible for total hemolysis care or under his direct supervision, and excludes care for complicating illnesses unrelated to hemodialysis	BR
90997 Hemoperfusion (e.g., with activated charcoal or resin)	BR
90999 Unlisted dialysis procedure	BR

	Unit Value
<i>(For cannula insertion by other than treating physician, see 49420)</i>	
GASTROENTEROLOGY	
<i>(For duodenal intubation and aspiration, see 89100-89105)</i>	
<i>(For gastrointestinal radiologic procedures, see 74210-74340)</i>	
91000 Esophageal intubation and collection of washings for cytology, including preparation of specimens (separate procedure).....	36.0
91010 Esophageal motility study;	106.0
91011 with mecholyl or similar stimulant	130.0
91012 with acid perfusion studies	72.0
91030 Esophagus, acid perfusion (Bernstein) test for esophagitis	36.0
91032 Esophagus, acid reflux test, with intraluminal pH electrode for detection of gastroesophageal reflux	72.0
<u>91033 prolonged recording.....</u>	<u>BR</u>
91052 Gastric analysis test with injection of stimulant of gastric secretion (e.g., histamine, insulin, pentagastrin)	BR
<i>(For gastric biopsy by capsule, per oral, via tube, one or more specimens, see 43600)</i>	
<i>(For gastric laboratory procedures, see also 89130-89141)</i>	
91055 Gastric intubation, washings, and preparing slides for cytology (separate procedure).....	36.0
<i>(For gastric lavage, therapeutic, see 99170)</i>	
91060 Gastric saline load test	30.0
<i>(For biopsy by capsule, small intestine, per oral, via tube (one or more specimens), see 44100)</i>	
91090 Fluorescein-string test for upper gastrointestinal bleeding	30.0
91100 Intestinal bleeding tube, passage, positioning and monitoring	BR
<i>(For injection procedure for percutaneous transhepatic cholangiography, see 47500)</i>	
<i>(For cholangiography, see 74320, 74321)</i>	
<i>(For abdominal paracentesis, see 49080, 49081; with instillation of medication, see 90793)</i>	

	Unit Value
<i>(For peritoneoscopy, see 49300; with biopsy see 49301)</i>	
<i>(For peritoneoscopy and guided transhepatic cholangiography, see 49302; with biopsy, see 49303)</i>	
<i>(For injection procedure for splenoportography, see 38200)</i>	
91299 Unlisted diagnostic gastroenterology procedure	BR

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-064 EAR.

SPECIAL OTORHINOLARYNGOLOGIC SERVICES

NOTES

Diagnostic or treatment procedures usually included in a comprehensive otorhinolaryngologic evaluation or office visit, are reported as an integrated medical service, using appropriate descriptors from the 90000 series. Itemization of component procedures, e.g., otoscopy, rhinoscopy, tuning fork test, does not apply.

Special otorhinolaryngologic services are those diagnostic and treatment services not usually included in a comprehensive otorhinolaryngologic evaluation or office visit. These services are reported separately, using descriptors from the 92500 series.

All services include medical diagnostic evaluation. Technical procedures (which may or may not be performed by the physician personally) are often part of the service, but should not be mistaken to constitute the service itself.

	Unit Value	Basic Anes@
92502 Otolaryngologic examination under general anesthesia	20.0	3.0
92504 Binocular microscopy (separate diagnostic procedure)	13.0	
92506 Medical evaluation speech, language and/or hearing problems ..	50.0	
92507 Speech, language or hearing therapy, with continuing medical supervision; individual	20.0	
92508 group	15.0	
92511 Nasopharyngoscopy with endoscopy (separate procedure)	35.0	
92512 Nasal function studies, e.g., rhinomanometry	20.0	
92516 Facial nerve function studies	20.0	
92520 Laryngeal function studies	20.0	

VESTIBULAR FUNCTION TESTS, WITH OBSERVATION AND EVALUATION BY PHYSICIAN, WITHOUT ELECTRICAL RECORDING

	Unit Value	Basic Anes@
92531 Spontaneous nystagmus, including gaze.....	SV	
92532 Positional nystagmus	SV	
92533 Caloric vestibular test, each irrigation (binaural, bithermal stimulation constitutes four tests).....	SV	
92534 Optokinetic nystagmus	SV	

VESTIBULAR FUNCTION TESTS, WITH RECORDING, e.g., ENG, PENG, AND MEDICAL DIAGNOSTIC EVALUATION

92541 Spontaneous nystagmus test, including gaze and fixation nystagmus, with recording.....	SV	
92542 Positional nystagmus test, minimum of 4 positions, with recording	SV	
92543 Caloric vestibular test, each irrigation (binaural, bithermal stimulation constitutes four tests), with recording.....	SV	
92544 Optokinetic nystagmus test, bidirectional, foveal or peripheral stimulation, with recording	SV	
92545 Oscillating tracking test, with recording	SV	
92546 Torsion swing test, with recording .	SV	
92547 Use of vertical electrodes in any or all of above tests counts as one additional test.....	SV	

(For unlisted vestibular tests, see 92599)

AUDIOLOGIC FUNCTION TESTS WITH MEDICAL DIAGNOSTIC EVALUATION

(For evaluation of speech, language and/or hearing problems through observation and assessment of performance, see 92506)

The audiometric tests listed below imply the use of calibrated electronic equipment. Other hearing tests (such as whispered voice, tuning fork) are considered part of the general otorhinolaryngologic services and are not reported separately. All descriptors refer to testing of both ears. Use the modifier "Reduced Service," if a test is applied to one ear instead of to two ears. All descriptors (except 92559), apply to testing of individuals; for testing of groups, use 92559 and specify test(s) used.

BASIC AUDIOMETRY

92551 Screening test, pure tone, air only	10.0
92552 Pure tone audiometry (threshold); air only	15.0
92553 air and bone	20.0
92555 Speech audiometry, threshold only	30.0
92556 threshold and discrimination... ..	20.0
92557 Basic comprehensive audiometry (92553 and 92556 combined),	

(pure tone, air and bone, and speech, threshold and discrimination)

~~((92558 Hearing aid evaluation and selection..... 45.0))~~
 92559 Audiometric testing of groups.... 50.0

PURE TONE AUDIOMETRY, EXTENDED

92560 Bekesy audiometry, screening	20.0
92561 diagnostic	30.0
92562 Loudness balance test, alternate binaural or monaural	20.0
92563 Tone decay test	20.0
92564 Short increment sensitivity index (SISI)	20.0
92565 Stenger test, pure tone	20.0
92566 Impedance testing	20.0
92567 Tympanometry.....	20.0
92568 Acoustic reflex testing	20.0
92569 Acoustic reflex decay testing.....	20.0

SPEECH AUDIOMETRY, EXTENDED

92571 Filtered speech test	30.0
92572 Staggered spondaic word test	30.0
92573 Lombard test	30.0
92574 Swinging story test	30.0
92575 Sensorineural acuity level test ...	30.0
92576 Synthetic sentence identification test	30.0
92577 Stenger test, speech	30.0
92578 Delayed auditory feedback test... ..	30.0

SPECIAL AUDIOMETRIC FUNCTION TESTS

92580 Electrodermal audiometry.....	35.0
92581 Evoked response (EEG) audiometry.....	100.0
92582 Conditioning play audiometry....	35.0
92583 Select picture audiometry	35.0
92584 Electrocochleography.....	35.0
92585 Brainstem evoked response recording	BR
92589 Central auditory function test(s) (specify).....	BR
92590 Hearing aid examination and selection; monaural	BR
92591 binaural	BR
92592 Hearing aid check; monaural	BR
92593 binaural	BR
92594 Electroacoustic evaluation for hearing aid; monaural	BR
92595 binaural	BR
92596 Ear protector attenuation measurements	BR

OTHER PROCEDURES

92599 Unlisted otorhinolaryngological service or procedure.....	BR
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AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

Unit
Value

WAC 296-21-075 ALLERGY AND CLINICAL IMMUNOLOGY.

NOTES

ALLERGY SENSITIVITY TESTS: Allergy testing and treatment require prior authorization. The performance and evaluation of selective cutaneous and mucous membrane tests in correlation with the history, physical examination, and other observations of the patient. The number of tests performed should be judicious and dependent upon the history, physical findings, and clinical judgment. All patients should not necessarily receive the same tests nor the same number of sensitivity tests.

IMMUNOTHERAPY (DESENSITIZATION, HYPOSENSITIZATION): The parenteral administration of allergenic extracts as antigens at periodic intervals, usually on an increasing dosage scale to a dosage which is maintained as maintenance therapy. Indications for immunotherapy are determined by appropriate diagnostic procedures coordinated with clinical judgment and knowledge of the natural history of allergic diseases.

OTHER THERAPY: For medical conferences on the use of mechanical and electronic devices (precipitators, air conditioners, air filters, humidifiers, dehumidifiers), climatotherapy, physical therapy, occupational and recreational therapy, see 95105.

(For definitions of LEVELS OF SERVICE, see the Introduction)

(For medical service procedures, see 90000-90699)

(For skin testing of bacterial, viral, fungal extracts, etc., see 86450-86585)

SPECIAL DIAGNOSTIC PROCEDURES (ALLERGY TESTING)

	Unit Value
95000 Percutaneous tests (scratch, puncture, prick) with allergenic extracts, up to 30 tests	10.0
95001 31-60 tests each test	1.0
95002 1-90 tests each test	1.5
95003 more than 90 tests each test	2.0
95005 Percutaneous tests (scratch, puncture, prick) with antibiotics, biologicals, stinging insects, 1-5 tests	10.0
95006 -10 tests each test	1.0
95007 1-15 tests each test	1.5
95011 more than 15 tests each test	2.0
95014 Intracutaneous (intradermal) tests, with antibiotics, biologicals, stinging insects, immediate reaction 15-20 minutes, 1-5 tests	15.0
95016 -10 tests each test	2.0
95017 1-15 tests each test	2.5
95018 more than 15 tests each test	3.0

95020 Intracutaneous (interdermal) tests with allergenic extracts, immediate reaction—15 to 20 minutes, up to 10 tests	15.0
95022 1-30 tests each test	2.0
95023 more than 30 tests each test	2.5
95027 <u>Skin end point titration</u>	<u>BR</u>
95030 Intracutaneous (intradermal) tests with allergenic extracts, delayed reaction—24 to 72 hours, including reading, 2 tests	20.0
95031 -4 tests each test	2.0
95032 -6 tests each test	2.5
95033 -8 tests each test	3.0
95034 more than 8 tests each test	3.5
95040 Patch test, one to ten tests	10.0
95041 11-20 tests each test	2.0
95042 1-30 tests each test	2.5
95043 more than 30 tests each test	3.0
95050 Photo-patch test, one to ten tests	10.0
95051 more than 10 tests each test	4.0
95056 Photo test	10.0
95060 Mucous membrane test ophthalmic	10.0
95065 Direct nasal mucous membrane test	10.0
95070 Inhalation bronchial challenge testing (not including necessary pulmonary function tests); with histamine, methacholine, or similar compounds	<u>BR</u>
95071 with antigens, specify	<u>BR</u>
(For pulmonary function tests, see 94060, 94070)	
95077 <u>Food allergenic extract immunotherapy</u>	<u>BR</u>
95078 <u>Provocative testing</u>	<u>BR</u>
95080 <u>Passive transfer test one to ten tests</u>	<u>100.0</u>
95081 11-20 tests each test	2.0
95082 more than 20 tests each test	3.0
(For allergy laboratory tests, see 86000-86699)	
(For intravenous therapy for severe or intractable allergic disease, see 90799)	
(For preparation of antigens, materials supplied by physician, etc., see 99070)	
95105 Medical conference services (e.g., use of mechanical and electronic devices, climatotherapy, breathing exercises and/or postural drainage)	50.0
(For summary conference or for therapeutic conference by physician following completion of diagnostic workup, including discussion, avoidance, elimination, symptomatic	

	Unit Value
treatment, and immunotherapy, see 90040-90070)	
(For prolonged conference, see 99155-99156)	
95120 Immunotherapy, in prescribing physician's office or institution, allergenic extract, single antigen	20.0
95125 multiple antigens	30.0
95130 stinging insect antigens	30.0
95135 Professional services performed in the supervision and provision of antigens for immunotherapy in other than the providing physician's office or institution; single antigen, single dose vial	20.0
95140 multiple antigens, single dose vials	30.0
95145 stinging insect antigens, single dose vials	30.0
95150 Professional services performed in the supervision and provision of antigens for immunotherapy in other than the providing physician's office or institution; single antigen, multiple dose vials	25.0
95155 multiple antigens, multiple dose vials	35.0
95160 stinging insect antigens, multiple dose vials	35.0
95180 Rapid desensitization procedure, each hour (e.g., insulin, penicillin, horse serum)	BR
95199 Unlisted allergy/clinical immunologic service or procedure	BR

(For skin testing of bacterial, viral, fungal extracts, see 95030-95034, 86450-86585)

(For special reports on allergy patients, see 99080)

(For testing procedures such as radioallergosorbent testing (RAST), rat mast cell technique (RMCT), mast cell degranulation test (MDT), lymphocytic transformation test (LTT), leukocyte histamine release (LHR), migration inhibitory factor test (MIF), transfer factor test (TFT), nitroblue tetrazolium dye test (NTD), see Immunology section in Pathology or use 95199)

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-080 NEUROLOGY AND NEUROMUSCULAR.

NOTES

Neurologic services are typically consultative, and any of

the five levels of consultation (90600-90630) may be appropriate;

In addition, services and skills outlined under Medicine Levels of Service appropriate to neurologic illnesses should be coded similarly (90000 series).

	Unit Value
95819 Electroencephalogram (EEG) including recording awake, drowsy and asleep, with hyperventilation and/or photic stimulation; standard or portable, same facility	70.0
95821 portable, to an alternate facility	80.0
95822 sleep	70.0
95823 physical or pharmacological activation	70.0
95824 cerebral death evaluation recording	70.0
95826 intracerebral (depth) EEG	70.0
95827 all night sleep recording	100.0
95828 Polysomnography (recording, analysis and interpretation of the multiple simultaneous physiological measurements of sleep)	100.0
95829 Electrocorticogram at surgery (separate procedure)	BR
95831 Muscle testing, manual, (separate procedure); per extremity (excluding hand) or trunk, with report	16.0
95832 hand (with or without comparison with normal side)	10.0
95833 total evaluation of body, excluding hands	50.0
95834 total evaluation of body including hands	64.0
95842 muscle testing electrodiagnosis (e.g., reaction of degeneration, chronaxy, galvanic tetanus ratio), one or more extremity, one or more method	24.0
95845 Strength duration curve, each nerve	10.0
95851 Range of motion measurements and report, each extremity (independent procedure), excluding hand	16.0
95852 hand, with or without comparison with normal size	10.0
95857 Tensilon test for myasthenia gravis	10.0
95858 with electromyographic recording	20.0
95860 Electromyography, one extremity and related paraspinal area	80.0
95861 two extremities and related paraspinal areas	120.0
95863 three extremities and related paraspinal areas	160.0
95864 four extremities and related paraspinal areas	200.0

	Unit Value
95867 Electromyography, cranial nerve supplied muscles, unilateral	100.0
95868 bilateral	150.0
95869 Electromyography, limited study of specific muscles (e.g. external anal sphincter, thoracic spinal muscles) .	80.0
(For eye muscles, see 92265)	
95875 Ischemic forearm exercise test	20.0
95880 Assessment of higher cerebral function with medical interpretation; aphasia testing	50.0
95881 developmental testing	30.0
95882 cognitive testing and others	30.0
95900 Nerve conduction velocity and/or latency study, motor each nerve	32.0
95904 sensory, each nerve	24.0
95925 Somatosensory testing (e.g., cerebral evoked potentials), one or more nerves	BR
95933 Orbicularis oculi (blink) reflex, by electrodiagnostic testing	BR
95935 "H" reflex, by electrodiagnostic testing	BR
95937 Neuromuscular junction testing (repetitive stimulation, paired stimuli), each nerve, any one method	BR
95999 Unlisted neurological or neuromuscular diagnostic procedure	BR

treatment by the attending physician with modalities listed under 97100 may be billed under 97070.

(For fabrication of splints, bracing and other supportive devices, see 99070)

(For muscle testing, range of joint motion, electromyography, etc., see 95831 et seq.)

Unit Value

Modalities

97000 Office visit with one of the following modalities to one area	12.0
(a) Hot or cold packs	
(b) Traction, mechanical	
(c) Electrical stimulation (unattended)	
(d) Vasopneumatic devices	
(e) Paraffin bath	
(f) Microwave	
(g) Whirlpool	
(h) Diathermy	
(i) Infrared	
(j) Ultraviolet	
97050 Office visit with two or more modalities to same area	13.0
97070 In remote isolated areas (<u>only</u>), where there is no Registered Physical Therapist or Physical Therapist Assistant serving under the direction of a Registered Physical Therapist within reasonable distance or when the first six visits are in the physician's office, treatment by any of the (<u>following</u>) listed modalities or procedures given in a physician's office, hospital, nurse practitioner clinic, by other than a Registered Physical Therapist, will be allowed	5.0

Procedures

(Physician or therapist is required to be in constant attendance)

97100 Office visit with one of the following procedures to one area, initial 30 minutes	16.0
(a) Therapeutic exercises	
(b) Neuromuscular re-education	
(c) Functional activities	
(d) Gait training	
(e) Electrical stimulation (manual)	
(f) Traction, manual	
(g) Massage	
(h) Contrast baths	
(i) Ultrasound	
97101 each additional 15 minutes	5.0
97200 Office visit including combination of any modality(s) and procedure(s), initial 30 minutes	16.0
97201 each additional 15 minutes	5.0

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-21-095 PHYSICAL MEDICINE. The department ((of)) or self-insurer will authorize and pay for the following physical medicine services only when the services are under the direct, continuous supervision of a physician who is "Board Qualified" in the field of physical medicine and rehabilitation, (except for (1) and (2) below). The services must be carried out by the physician or Registered Physical Therapist or a Physical Therapist Assistant serving under the direction of a Registered Physical Therapist, by whom he is employed.

The department or self-insurer will allow other licensed physicians to provide physical medicine modalities in the following situations:

(1) The primary attending physician may ((direct)) administer Physical Therapist modalities as listed under 97000 and/or procedures as listed under 97100 in his office. No more than six such visits will be authorized and paid to the attending physician. If the injured worker requires treatment beyond six visits, he must be referred to a Registered Physical Therapist or a Physiatrist for such treatment. The attending physician can bill an office visit in addition to the physical therapy visit for the same day when appropriate.

Procedure 97070 should be used to bill the Physical Therapy portion of the visit.

(2) In remote areas, where no Registered Physical Therapist or Physical Therapist Assistant is available,

	Unit Value
97220 Hubbard tank, initial 30 minutes	24.0
97221 each additional 15 minutes (maximum allowance, one hour)	5.0
97240 Pool therapy or Hubbard tank with therapeutic exercises, initial 30 minutes	30.0
97241 each additional 15 minutes (maximum allowance, one hour)	6.0
97260 Manipulation (cervical, thoracic, lumbosacral, sacroiliac, hand, wrist, etc.), one area (independent proce- dure) performed by an osteopathic physician	16.0
97261 each additional area	8.0

(Codes 97260 and 97261 may be used in conjunction with code 90030. All other office visit codes include treatment of the day.)

(For manipulation under general anesthesia, see appropriate anatom-ic section in Musculoskeletal System)

97500 Orthotics training (dynamic brac- ing, splinting, etc.) upper extremi- ties, initial 30 minutes	24.0
97501 each additional 15 minutes	12.0
97520 Prosthetic training, initial 30 min- utes	24.0
97521 each additional 15 minutes	12.0
97540 Activities of daily living (ADL) and diversional activities, initial 30 min- utes	24.0
97541 each additional 15 minutes	12.0

Tests and Measurements

(For muscle testing, manual or electrical, joint range of motion, electromyography or nerve velocity determination, see 95830-95930)

	Unit Value
97700 Office visit including one of the fol- lowing tests or measurements, with report, initial 30 minutes	24.0
(a) Orthotic "check-out"	
(b) Prosthetic "check-out"	
(c) Activities of daily living "check- out"	
97701 each additional 15 minutes	12.0
97720 Extremity testing for strength, dex- terity or stamina, initial 30 minutes	24.0
97721 each additional 15 minutes	12.0
97740 Kinetic activities to increase coord- ination, strength and/or range of	

	Unit Value
97741 motion, one area (i.e., any two ex- tremities or trunk), initial 30 min- utes	24.0
97741 each additional 15 minutes	12.0
Other Procedures	
97799 Unlisted physical medicine service or procedure	BR

AMENDATORY SECTION (Amending Order 74-7, filed 1/30/74)

WAC 296-21-125 ANESTHESIA. (1) Values for anesthesia services are listed for each procedure in the surgical section and for certain procedures in other sections. These values are to be used only when the anesthesia is personally administered by a licensed physician and surgeon who remains in constant contact attendance during the procedure for the sole purpose of rendering such anesthesia service. These values include usual pre- and post-operative visits, the administration of the anesthetic and the administration of fluids and/or blood incident to the anesthesia or surgery.

(2) "STANDBY SERVICES": When an anesthesiologist is required to participate in the general care of the patient during a surgical procedure, but does not administer anesthesia, these services may be charged on the basis of detention or on the basis of the indicated anesthesia value in accordance with the extent of the services rendered.

(3) In procedures where no value is listed, the basic portion of the calculated value will be the same as listed for a comparable procedure.

(4) Where unusual detention with the patient is essential for the safety and welfare of such patient, see 99038, 99040.

(5) Local infiltration, digital block or topical anesthesia administered by the operating surgeon is included in the unit value for the original surgical procedure.

(6) SUPPLEMENTAL SKILLS: When warranted by the necessity of supplemental skills, values for the services of the two or more physicians will be allowed.

(7) Adjunctive services provided during anesthesia and certain other circumstances may warrant an additional charge.

ANESTHESIA MODIFIERS

Since the values of anesthesia services are related to the procedure for which the anesthesia was performed, the anesthesia service is billed under the code number of the procedure. Add appropriate anesthesia modifier -40 to -49 to the procedure number to indicate that billing is for anesthesia service and not the medical or surgical procedure.

Listed values for most procedures may be modified under certain circumstances. When applicable, the modifying circumstances should be identified by the addition of the appropriate "modifier code number" (including hyphen) after the usual procedure number. The value

should be listed as a single modified total for the procedure. (When multiple modifiers are applicable to a single procedure, see modifier code -49.)

Unit Value

-40 ANESTHESIA SERVICE: Add this modifier (-40) to the usual procedure number and use value listed in "Anes." column for normal, uncomplicated anesthesia. (For therapeutic hypothermia, see 96250, 96255)

-47 ANESTHESIA BY SURGEON: When regional or general anesthesia is provided by the surgeon use the "Basic" anesthesia value without the added value for time. (Note: Surgical units and anesthesia units are not the same dollar value.) List separately from the surgical service provided and identify by adding this modifier (-47) to the usual procedure number. (For local infiltration, digital block or topical anesthesia, see WAC 296-21-125, item 5.)

-49 MULTIPLE ANESTHESIA MODIFIERS: Two or more modifiers may be necessary to identify the anesthesia service (e.g., anesthesia performed on a critically ill patient under hypothermic technique). Identify by adding this modifier (-49) to the usual procedure number and briefly indicate the modifying circumstances BR+

-95 SUPERVISORY ANESTHESIA: Supervisory anesthesia is allowable to the supervising anesthesiologist when provided in the hospital and when the Registered Nurse Anesthetist is not in the employ of the supervising anesthesiologist. The basic value is paid to the supervising anesthesiologist and the time units are paid to the nurse anesthetist. Identify by adding modifier -95 to the procedure code

AMENDATORY SECTION (Amending Order 74-7, filed 1/30/74)

WAC 296-21-128 SPECIAL SERVICES AND BILLING PROCEDURES—ANESTHESIA.

Unit Value

- (ANESTHESIA)
- 99105 Anesthesia risk as when patient has incapacitating systemic disease that is constant threat to life 2.0
 - 99110 Anesthesia complicated by prone position and/or intubation to avoid surgical field 1.0
 - 99115 Anesthesia complicated by total body hypothermia above 30°C 5.0
 - 99120 below 30°C 10.0
 - 99125 Anesthesia complicated by extracorporeal circulation, e.g., heart pump oxygenator bypass or pump assist, with or without hypothermia 10.0
 - 99130 Anesthesia complicated by hyperbaric or compression chamber pressurization BR+
 - 99135 Anesthesia employed in controlled hypotension. BR

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-010 GENERAL INFORMATION AND INSTRUCTIONS. Rules and billing procedures pertaining to all practitioners rendering services to injured workers are presented in the General Information Section beginning with WAC 296-20-010. Some commonalities are repeated here for the convenience of those doctors referring to the Surgery Section. Definitions and rules unique to Surgery are also included here. Doctor's services rendered for office, home, hospital, consultations and other services are listed in the Medicine Section.

(1) Listed values for all surgical procedures include the surgery, local infiltration, digital block or topical anesthesia when used and the normal uncomplicated follow-up care for the period indicated in days in the column headed "Follow-up Days".

(2) Follow-up care for diagnostic procedures (e.g., endoscopy, injection procedures for radiography, etc.) includes only that care related to recovery from the diagnostic procedure itself. Care of the condition for which the diagnostic procedure was performed or other concomitant conditions is not included and may be charged for in accordance with the services rendered.

(3) Follow-up care for therapeutic surgical procedures includes only that care usually a part of the surgical service. Complications, exacerbations, recurrence or the presence of other diseases or injuries requiring additional services concurrent with the procedure(s) or during the listed period of normal follow-up care may warrant additional charges. (See modifier -68).

When an additional surgical procedure(s) is carried out within the listed period of follow-up care for a previous surgery, the follow-up periods will continue concurrently to their normal terminations.

(4) PRE-OPERATIVE VISITS AND SERVICES: Under most circumstances the immediate pre-operative visit in the hospital or elsewhere necessary to examine the patient, complete the hospital records, and initiate the treatment program is included in the listed value for the surgical procedure.

Additional charges may be warranted for pre-operative services under the following circumstances:

(a) When the pre-operative visit is the initial visit (e.g., an emergency, etc.) and prolonged detention or evaluation is required to prepare the patient or to establish the need for and type of surgical procedure.

(b) When the pre-operative visit is a consultation as defined in WAC 296-21-030.

(c) When procedures not usually part of the basic surgical procedure (e.g., bronchoscopy prior to chest surgery, etc.) are provided during the immediate pre-operative period.

(5) CONCURRENT SERVICES BY MORE THAN ONE PHYSICIAN: Charges for concurrent services of two or more physicians may be warranted under the following circumstances:

(a) Medical services provided during the surgical procedure or in the post-operative period (e.g., diabetic management, operative monitoring of cardiac or brain conditions, management of post-operative electrolyte imbalance, etc.).

(b) **TWO SURGEONS:** Under certain circumstances the skills of two surgeons (e.g., a urologist and a general surgeon in the creation of an ileal conduit, etc.). By prior agreement, the total value may be apportioned in relation to the responsibility of work done. The total value may be increased by 25% in lieu of the assistant's charge. (See modifier -62).

(c) **CO-SURGEONS:** Under certain circumstances, two surgeons (usually with similar skills) may function simultaneously as primary surgeons performing distinct parts of a total surgical service (e.g., two surgeons simultaneously applying skin grafts to different parts of the body of the same patient). By prior agreement, the total value may be apportioned in relation to the responsibility and work done. The total value may be increased by an appropriate amount in lieu of the usual assistant's charge. (See modifier -64).

(d) **SURGICAL TEAM:** Under some circumstances highly complex procedures requiring the concomitant services of several physicians, often of different specialties, plus other highly skilled, specially trained personnel and various types of complex equipment are carried out under the surgical team concept with a single, global fee for the total service. The services included in the "global" charge vary widely and no single value can be listed. The value should be supported by a report to include itemization of the physician(s) services, paramedical personnel and equipment included in the "global" charge. (See modifier -66).

(6) ASTERISK (*) PROCEDURES OR ITEMS: Certain relatively small surgical services involve a readily identifiable surgical procedure but include variable pre-operative and post-operative services (e.g., incision and drainage of an abscess, injection of a tendon sheath, manipulation of a joint under anesthesia, dilation of the urethra, etc.). Because of the indefinite pre- and post-operative services the usual "package" concept for surgical services (see above) cannot be applied. Such procedures are identified by an asterisk (*) following the procedure code number.

Where an asterisk (*) precedes a procedure number and its value, the following rules apply:

(a) The services as listed includes the surgical procedure only. Associated pre- and post-operative services are not included.

(b) Pre-operative services are considered as one of the following:

(i) When the asterisk (*) procedure is carried out at the time of an initial visit (new patient) and this procedure constitutes the major service at that visit, procedure number 99025 is listed in lieu of the usual initial visit as an additional service.

(ii) When the asterisk (*) procedure is carried out at the time of an initial or other visit involving significant identifiable services (e.g., removal of a small skin lesion at the time of a comprehensive history and physical examination), the appropriate visit is listed in addition to the asterisk (*) procedure and its follow-up care.

(iii) When the asterisk (*) procedure is carried out at the time of a follow-up (established patient) visit and this procedure constitutes the major service at that visit, no visit service is usually added.

(iv) When the asterisk (*) procedure requires hospitalization, an appropriate hospital visit is listed in addition to the asterisk (*) procedure and its follow-up care.

(c) All post-operative care is to be added on a service-by-service basis (e.g., office or hospital visit, cast change, etc.).

(d) Complications are added on a service-by-service basis (as with all surgical procedures).

(7) MULTIPLE OR BILATERAL SURGICAL PROCEDURES:

(a) When multiple or bilateral surgical procedures which add significant time or complexity to patient care are performed at the same operative session (See modifier -50).

(b) Incidental procedures (e.g., incidental appendectomy, incidental scar incision, puncture of ovarian cysts, simple lysis of adhesions, simple repair of hiatal hernia, etc.) do not warrant an additional charge. (See modifier -52). **THESE PROCEDURES MUST BE AUTHORIZED IN ADVANCE.**

(8) SURGERY AND FOLLOW-UP CARE PROVIDED BY DIFFERENT PHYSICIANS: When one physician performs the surgical procedure itself and another provides the follow-up care, the value may be apportioned between them by agreement along with notification to the department of the fee distribution. (See modifier -54 or -55).

(9) ANESTHESIA BY SURGEON: When regional or general anesthesia is provided by the surgeon, value

as "Basic" value for anesthesia procedure without added value for time. (See modifier -47) (For local infiltration, digital block or topical anesthesia, see WAC 296-22-010, item 1).

(10) In cases where the claimant does not survive, the percentage of the flat fee paid the physician shall be commensurate with the services rendered.

(11) The emergency room will be considered the office for those physicians providing regular emergency room care to the hospital and fees will be allowed on this basis.

(12) Materials supplied by physician: Supplies and materials provided by the physician, e.g., sterile trays/drugs, over and above those usually included with the office visit or other services rendered may be listed separately. List drugs, trays, supplies, and materials provided. Identify as 99070.

(13) Separate or multiple procedures: It is appropriate to designate multiple procedures that are rendered on the same date by separate entries. (See Modifier -50 below.)

(14) Special report: A service that is rarely provided, unusual, variable, or new may require a special report in determining medical appropriateness of the service. Pertinent information should include an adequate definition or description of the nature, extent, and need for the procedure, and the time, effort, and equipment necessary to provide the service. Additional items which may be included are: Complexity of symptoms, final diagnosis, pertinent physical findings (such as size, location, and number of lesion(s), if appropriate), diagnostic and therapeutic procedures (including major and supplementary surgical procedures, if appropriate), concurrent problems, and follow-up care. See WAC 296-20-01002 for "BR" By Report instructions.

(15) Surgery modifiers: (For other modifiers, see appropriate sections.)

Listed values and procedures may be modified under certain circumstance. When applicable, the modifying circumstance should be identified by the addition of the appropriate "modifier code number" which is a two digit number placed after the usual procedure number from which it is separated by a hyphen. If more than one modifier is used, the "multiple modifiers" placed first after the procedure code indicates one or more additional modifier codes will follow. All modifiers and their respective codes are listed in Appendix A. Modifiers commonly used in surgery are as follows:

- 20 When the surgical service is performed using the techniques of micro-surgery, the modifier -20 may be added to the surgical procedure. A special report may be appropriate to document the necessity of the micro-surgical approach.
- 22 UNUSUAL SERVICES: When the service(s) provided is greater than that usually required for the listed procedure, it may be identified by

Unit Value

adding modifier '-22' to the usual procedure number. List modified value. A report may be required.

- 23 UNUSUAL ANESTHESIA: Periodically, a procedure, which usually requires either no anesthesia or local anesthesia, because of unusual circumstances must be done under general anesthesia. This circumstance may be reported by adding the modifier '-23' to the procedure code of the basic service. BR

- 26 PROFESSIONAL COMPONENT: Certain procedures (e.g., laboratory, radiology, electrocardiogram, specific diagnostic services) are a combination of a physician component and a technical component. When the physician component is reported separately, the service may be identified by adding the modifier '-26' to the usual procedure number. BR

- 47 ANESTHESIA BY SURGEON: When regional or general anesthesia is provided by the surgeon, it may be reported by adding to modifier '-47' to the basic service. (This does not include local anesthesia.)

Use the "basic" anesthesia value only. (Note: Surgical units and anesthesia units are not of the same dollar values.) List separately from the surgical service provided and identify by adding this modifier '-47' to the usual procedure number. (For local infiltration, digital block or topical anesthesia, see WAC 296-21-125, item 5.)

- 50 MULTIPLE OR BILATERAL PROCEDURES: When multiple or bilateral procedures which add significant time or complexity to patient care are provided at the same operative session, identify and value the first or major procedure as listed. Identify secondary or lesser procedure(s) by '-50' to the usual procedure number(s) and value at 50% of the listed value(s) unless otherwise indicated.

- 52 REDUCED VALUES: Under certain circumstances, the listed value for a procedure is reduced or eliminated at the physician's election. Under these circumstances, the service provided can be identified by it's usual procedure number and the addition of modifier '-52', signifying that the service is reduced. For example:

	Unit Value		Unit Value
		(a) <i>Incidental procedures (e.g., incidental appendectomies, incidental scar excisions, puncture of ovarian cysts, simple lysis of adhesions, simple repair of a hiatal hernia, etc.) do not warrant an additional charge.</i>	
		(b) <i>When the listed value is reduced in conformity with a ground rule (e.g., rereduction of a fracture).</i>	
		(c) <i>When charges for multiple procedures (e.g., multiple lacerations, etc.) are reduced at the physician's election to achieve an appropriate total charge.</i>	
-54		SURGICAL PROCEDURE ONLY: <i>When one physician performs the surgical procedure and another provides the pre- and/or post-operative management surgical services may be identified by adding the modifier '-54' to the usual procedure number. Value may be apportioned between them by agreement.</i>	
-55		POST-OPERATIVE MANAGEMENT ONLY: <i>When one physician performs the post-operative management and another has performed the surgical procedure, the post operative component may be identified by adding the modifier '-55' to the usual procedure number. Value may be apportioned between them by agreement.</i>	
-56		PREOPERATIVE MANAGEMENT ONLY: <i>When one physician performs the preoperative care and evaluation and another physician performs the surgical procedure, the preoperative component may be identified by adding the modifier '-56' to the usual procedure number.</i> <i>Value is apportioned as per agreement between practitioners involved.</i>	
-62		TWO SURGEONS: <i>Under certain circumstances the skills of two surgeons (usually with different skills) may be required in the management of a specific surgical problem (e.g., a urologist and a general surgeon in the creation of an ileal conduit, etc.) By prior agreement, the total</i>	
		<i>value may be apportioned in relation to the responsibility and work done. The total value may be increased by 25% in lieu of the assistant's charge. Under these circumstances the services of each surgeon should be identified by adding this modifier '-62' to the joint procedure number(s) and valued as agreed upon.</i>	
		<i>(Usual charges for surgical assistance may also be warranted if still another physician is required as part of the surgical team.)</i>	
	-64	CO-SURGEONS: <i>Under certain circumstances, two surgeons (usually with similar skills) may function simultaneously as primary surgeons performing distinct parts of a total surgical service (e.g., two surgeons simultaneously applying skin grafts to different parts of the body or two surgeons repairing different fractures in the same patient). By prior agreement, the total value may be apportioned in relation to the responsibility and work done. The total value may be increased by 25% in lieu of the usual assistant's charge. Under these circumstances the services of each surgeon should be identified by adding this modifier '-64' to the joint procedure number(s) and valued as agreed upon.</i>	
		<i>(Usual charges for surgical assistance may also be warranted if still another physician is required as part of the surgical team.)</i>	
	-66	SURGICAL TEAM: <i>Under some circumstances, highly complex procedures requiring the concomitant services of several physicians, often of different specialties, plus other highly skilled, specially trained personnel and various types of complex equipment are carried out under the "surgical team" concept. Such circumstances should be identified by adding this modifier '-66' to the basic procedure number. The value should be supported by a report to include itemization of the physician(s) services, paramedical personnel and equipment included in the charge.</i>	BR+
	-68	COMPLICATIONS: <i>Complications or circumstances requiring</i>	

- 75 **CONCURRENT CARE, SERVICES RENDERED BY MORE THAN ONE PHYSICIAN:** When the patient's condition requires the additional services of more than one physician, each physician may identify his or her services by adding the modifier '-75' to the basic service performed.
- 76 **REPEAT PROCEDURE BY SAME PHYSICIAN:** The physician may need to indicate that a procedure or service was repeated subsequent to the original service. This may be reported by adding the modifier '-76' to the procedure code of the repeated service.
- 77 **REPEAT PROCEDURE BY ANOTHER PHYSICIAN:** The physician may need to indicate that a basic procedure performed by another physician had to be repeated. This may be reported by adding modifier '-77' to the repeated service.
- 80 **ASSISTANT SURGEON:** Surgical assistant services are identified by adding this modifier '-80' to the usual procedure number(s) and are valued at 20% of the listed value of the surgical procedure(s)

OR

- 81 **MINIMUM ASSISTANT SURGEON ALLOWANCE:** Identify by adding this modifier '-81' to the usual procedure number and value at 1.7
- 90 **REFERENCE (OUTSIDE) LABORATORY:** When laboratory procedures are performed by a party other than the treating or reporting physician, the procedure may be identified by adding the modifier '-90' to the usual procedure number.
- 99 **MULTIPLE MODIFIERS:** Under certain circumstances, two or more

Unit Value

modifiers may be necessary to completely delineate a service.

In such situations, modifier '-99' should be added to the procedure number and other applicable modifiers may be listed as part of the description of the service BR+

Unit Value

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-025 FREE SKIN GRAFTS.

Identify by the size and location of the defect (recipient area) and the type of graft; includes simple debridement of granulations or recent avulsion.

When a primary procedure such as orbitectomy, radical mastectomy or deep tumor removal requires skin graft for definitive closure, see appropriate anatomical subsection for primary procedure and this section for skin graft.

(Repair of donor site requiring skin graft or local flaps to be added as additional procedure)

	Unit Value	Follow-up Days=	Basic Anes@
15000 Excisional preparation or creation of recipient site by excision of essentially intact skin (including subcutaneous tissue), scar, or other lesion prior to repair with free skin graft (list as separate service in addition to skin graft)	*3.6		3.0
<i>(For appropriate skin grafts, see 15050-15261; list the free graft separately by its procedure number when the graft, immediate or delayed is applied)</i>			
*15050 Pinch graft, single or multiple, to cover small ulcer, tip of digit or other minimal open area (except on face), up to defect size 2 cm diameter	*1.2	0	3.0
15100 Split graft, trunk, scalp, arms, legs, hands and/or feet (except multiple digits); up to 100 sq cm or each one percent of body area of infants and children (except 15050)	6.0	45	3.0
15101 each additional 100 sq cm, or each one percent of body area of infants and children, or part thereof	1.2		<u>3.0</u>
15120 Split graft, face, eyelids, mouth, neck, ears, orbits, genitalia, and/or multiple digits, up to 100 sq cm, or each one percent of body area of infants and children (except 15050)	11.0	45	3.0
15121 100 sq cm, or each one percent of body area of infants and children, or part thereof	2.0		
<i>(For eyelids, see also 67952 et seq.)</i>			
15200 Full thickness graft, free, including direct closure of donor site, trunk, up to 20 sq cm	4.0	45	3.0
15201 each additional 20 sq cm	2.0		
15220 Full thickness graft, free, including direct closure of donor site, scalp, arms and/or legs, up to 20 sq cm	6.0	45	3.0
15221 each additional 20 sq cm	3.0		
15240 Full thickness graft, free, including direct closure of donor site, forehead, cheeks, chin, mouth, neck, axillae, genitalia, hands and/or feet; up to 20 sq cm	8.0	45	3.0

	Unit Value	Follow-up Days=	Basic Anes@
<i>(For finger tip graft, see 15050)</i>			
<i>(For repair of syndactyly, fingers, see 26560-26562)</i>			
15241	each additional 20 sq cm	4.0	
15260	Full thickness graft, free, including direct closure of donor site, nose, ears, eyelids, and/or lips, up to 20 cm	10.0	45 3.0
15261	each additional 20 sq cm	5.0	
<i>(For eyelids, see also 67952 et seq.)</i>			
<i>(Repair of donor site requiring skin graft or local flaps, to be added as additional separate procedure)</i>			
15350	Homograft, skin	5.0	45 3.0
15400	Heterograft, skin	6.0	45 3.0
15410	Free transplantation of skin flap by microsurgical technique, including microvascular anastomosis, up to 100 sq cm	5.0	45 3.0
15412	between 101 and 160 sq cm	6.0	45 3.0
15414	between 161 and 230 sq cm	7.0	45 3.0
15416	over 230 sq cm	BR	

PEDICLE FLAPS (SKIN AND DEEP TISSUES)

Regions listed refer to the recipient area (not donor site) when flap is being attached in transfer or to final site.

Regions listed refer to donor site when tube is formed for later transfer or when "delay" of flap is prior to transfer.

Procedures 15500-15730 do not include extensive immobilization, e.g., large plaster casts and other immobilizing devices are considered additional separate procedures.

(Repair of donor site requiring skin graft or local flaps is considered an additional separate procedure)

15500	Formation of tube pedicle without transfer, or major "delay" of large flap without transfer, on trunk	7.0	45 3.0
15505	on scalp, arms or legs	7.0	45 3.0
15510	on forehead, cheeks, chin, mouth, neck, axillae, genitalia, hands or feet	7.0	45 3.0
15515	on eyelids, nose, ears or lips	7.0	45 3.0
15540	Primary attachment of open or tubed pedicle flap to recipient site requiring minimal preparation, to trunk	9.0	45 3.0
15545	to scalp, arms and legs	9.0	45 3.0
15550	to forehead, cheeks, chin, mouth, neck, axillae, genitalia, or hands (except 15580), feet	9.0	45 3.0
<i>(For cross finger pedicle flap, see 15580)</i>			
15555	to eyelids, nose, ears and lips	9.0	45 3.0
15580	cross finger pedicle flap, including free graft to donor site	9.0	45 3.0
<i>(For major debridement or excisional preparation of recipient area at the time of attachment of pedicle flap, see 15700-15730)</i>			
15600	Intermediate "delay" of any flap, primary "delay" of small flap, or sectioning pedicle of tubed or direct flap, at trunk	4.0	45 3.0
15610	at scalp, arms and legs	5.0	45 3.0
15620	at forehead, cheeks, chin, neck, axillae, genitalia, hands (except 15625), or feet	6.0	45 3.0
15625	section pedicle of cross finger flap		
15630	at eyelids, nose, ears and lips	6.0	45 3.0
15650	Transfer, intermediate, of any pedicle flap (e.g., abdomen to wrist, "Walking"		

	Unit Value	Follow-up Days=	Basic Anes@
15700	Excision of lesion and/or excisional preparation of recipient site and attachment of direct or tubed pedicle flap, trunk	9.0	45 3.0
15710	scalp, arms and legs	11.0	45 3.0
15720	forehead, cheeks, chin, mouth, neck, axillae, genitalia, hands or feet	16.0	45 3.0
15730	eyelids, nose, ears or lips	16.0	45 3.0
<i>(For eyelids, nose, ears, or lips, see also anatomical area)</i>			
<i>(For revision, defatting or rearranging of transferred pedicle flap or skin graft, see 13100-14300)</i>			

OTHER GRAFTS

15740	Graft, island pedicle flap	12.0	90 3.0
15745	myocutaneous flap	BR	90 3.0
15750	neurovascular pedicle flap	10.0	90 3.0
15755	free flap (microvascular transfer)	BR	90 3.0
15760	composite (full thickness of external ear or nasal ala), including primary closure, donor area	10.0	45 3.0
15770	derma-fat-fascia	12.0	60 3.0
15775	Punch graft for hair transplant; 1 to 15 punch grafts	0.5	90 3.0
15776	more than 15 punch grafts	BR+	3.0

(For strip transplant, 15220)

MISCELLANEOUS PROCEDURES

15780	Abrasion of skin for removal of scars, tattoos, actinic changes (keratoses), primary or secondary, total face	12.0	90 3.0
15785	regional (1/4 face, cheeks, chin, forehead or elsewhere)	4.0	90 3.0
15786*	Abrasion; single lesion (e.g., keratosis, scar)	0.5	0 3.0
15787	each additional four lesions or less	0.3	
15790	Superficial chemosurgery (acid peel) total face and neck	BR+	3.0
15791	regional, face, neck, or elsewhere	BR+	3.0
15800	Abrasion of skin, total face, with combined superficial chemosurgery (acid peel) of remaining face (eyelids, neck, shoulders)	16.0	90 3.0
15810	Salabrasion, up to 20 sq cm		
15811	0 sq cm and over		
15820	Blepharoplasty, lower eyelids	12.0	30 3.0
15821	with extensive herniated fat pads	14.0	30 3.0
<i>(See also 67916, 67917, 67923, 67924)</i>			
15822	Rhytidectomy; upper eyelids	8.0	30 3.0
15823	with excessive skin weighting down lids	12.0	30 3.0
15824	Rhytidectomy; forehead	10.0	30 3.0
15826	glabellar frown	8.0	30 3.0
15827	submetal fat pad	8.0	30 3.0
15828	cheeks, chin and neck	30.0	45 3.0
15831	Excision, excessive skin and subcutaneous tissue (including lipectomy); abdomen	30.0	45 3.0
15832	thighs	25.0	45 3.0
15833	legs	30.0	45 3.0
15834	hips	30.0	45 3.0
15835	buttocks	30.0	45 3.0
15836	arms	25.0	45 3.0
15837	forearms	25.0	45 3.0
15840	Graft for facial nerve paralysis; free fascia graft, (including obtaining fascia)	30.0	90 3.0
15841	free muscle graft (including obtaining graft)	35.0	45 3.0
15842	free muscle graft by microsurgical technique	35.0	45 3.0
15845	reanimation, muscle transfers	BR+	3.0

(For nerve transfers, decompression, or repair, see 64830-64876, 64905-64907, 69720-69725, 69740-69745, 69955)

DECUBITUS ULCERS (PRESSURE SORES)

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@
15920 Coccygectomy, primary suture	BR			or dislocation	8.0	90	3.0
15922 with flap closure	BR						
15930 Excision, sacral decubitus ulcer, with skin flap closure	BR			REPAIR, REVISION OR RECONSTRUCTION			
15932 with ostectomy	BR			(For cranioplasty, see 62140-62145)			
15933 with ostectomy and primary suture	BR			21200 Osteoplasty of mandible for prognathism, micrognathism	30.0	90	5.0
15940 Excision, ischial decubitus ulcer, direct suture	BR			21202 mandible, segmental	BR	90	5.0
15941 with ostectomy (ischiectomy)	BR			21204 maxilla, total	BR	90	5.0
15942 skin and muscle flap closure	BR			21206 maxilla, segmental	BR	90	5.0
15943 skin and muscle flap closure, with ostectomy	BR			21210 Graft, bone, nasal, maxillary and malar areas (includes obtaining graft)	20.0	120	5.0
15950 Excision, trochanteric decubitus ulcer, direct suture	BR			(For cleft palate repair, see 42200-42225)			
15951 with ostectomy	BR			21215 mandible (includes obtaining graft)	20.0	120	5.0
15952 skin flap closure	BR			21230 Graft, rib cartilage, autogenous, to face, chin, nose or ear (includes obtaining graft)	18.0	120	5.0
15953 skin flap closure, with ostectomy	BR			21235 ear cartilage to nose or ear (includes obtaining graft)	12.0	60	5.0
(For free skin graft to close ulcer or donor site, see 15000 et seq.)				21239 Implant, chin, homologous, heterologous, or alloplastic	BR		

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-042 HEAD.

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@
(Skull, facial bones and temporomandibular joint)				21254 with bone graft	BR		
INCISION				21260 Orbital hypertelorism correction (periorbital) osteotomies, bilateral, with bone grafts, extracranial approach	BR		
(For drainage of superficial abscess and hematoma, see 20000)				21261 combined intra- and extracranial approach	BR		
(For removal of embedded foreign body from dentoalveolar structure, see 418105, 41806)				21263 with forehead advancement	BR		
21010 Arthrotomy, temporomandibular joint, unilateral	BR			21267 Orbital repositioning, periorbital osteotomies, unilateral, with bone grafts, extracranial approach	BR		
21011 bilateral	BR			21268 combined intra- and extracranial approach	BR		
EXCISION				21270 Reconstruction for Treacher Collins syndrome (periorbital and zygomatic reconstruction with multiple bone grafts)	BR		
(For biopsy, see 20220, 20240)				21275 Secondary revision for orbitocraniofacial reconstruction	BR		
21020 Craniectomy or sequestrectomy for osteomyelitis	BR+		8.0	FRACTURE AND/OR DISLOCATION			
(For other craniectomies, see 61304 et seq.)				21300 Treatment of closed skull fracture without operation	Sv.&		
21030 Excision of benign tumor or cyst of facial bone other than mandible	BR+		5.0	(For operative repair, see 62000-62010)			
21034 Excision of malignant tumor of facial bone other than mandible	BR		5.0	21310 Treatment of closed or open nasal fracture without manipulation	Sv.&		
21040 Excision of benign cyst or tumor of mandible, simple	5.0	90	5.0	*21315 ((Manipulation, digital, uncomplicated;) Manipulate nasal bone fracture, without stabilization	*1.1	0	3.0
21041 complex	BR+		5.0	21320 ((Manipulation, instrumental, complicated nasal fracture) with stabilization	3.0	90	3.0
21044 Excision of malignant tumor of mandible, radical resection	BR			21325 Open treatment of nasal fracture, uncomplicated	4.0	90	3.0
(For bone graft, see 21215)				21330 complicated, with internal and/or external skeletal fixation	9.5	90	3.0
21050 Arthrectomy, temporomandibular joint, unilateral	18.0	90	5.0	21335 with concomitant open of fractured septum	17.0	90	3.0
21051 bilateral	20.0	90	5.0	21337 Treatment of closed nasal septal fracture	BR	90	3.0
21060 Meniscectomy, temporomandibular joint, unilateral	18.0	90	5.0	21338 Open treatment of nasoethmoid fracture, without external fixation	BR	90	3.0
21061 bilateral	20.0	90	5.0	21339 with external fixation	BR	90	3.0
21070 Coronoidectomy (separate procedure), unilateral	18.0	90	5.0	21340 Treatment of closed or open nasoethmoid complex fracture, with splint, wire or headcap fixation, including repair of canthal ligaments and/or the nasolacrimal apparatus	BR		
21071 bilateral	20.0	90	5.0	21345 Treatment of nasomaxillary complex fracture (LeFort II type), with interdental wire fixation or fixation of denture or splint	BR		
INTRODUCTION OR REMOVAL							
(For application or removal of caliper or tongs, see 20660, 20665)							
*21100 Application of halo type appliance for maxillofacial fixation, includes removal (separate procedure)	*2.0	0	3.0				
21110 Application of interdental fixation device for conditions other than fracture							

	Unit Value	Follow-up Days=	Basic Anes@
lumbar,	BR		7.0
22115 with suction irrigation	BR		7.0
22120 Radical resection of vertebral body or component with primary grafting, includes obtaining graft; cervical	BR+		8.0
22121 thoracic	BR		7.0
22122 lumbar	BR		7.0

(For repair of pseudarthrosis, see 22600-22735)

INTRODUCTION

(For injection procedure for myelography, see 62284)

(For injection procedure for diskography, see 62290, 62291)

(For injection procedure, chemonucleolysis, single or multiple levels, see 62292-62293)

REPAIR, REVISION, RECONSTRUCTION

22200 Osteotomy of spine for correction fixed deformity (not scoliosis); anterior OR posterior, lumbar	32.0	180	7.0
22201 thoracic or cervical	40.0	180	7.0
22202 Osteotomy of spine for correction fixed deformity (not scoliosis); anterior AND posterior, lumbar	40.0	180	7.0
22203 cervical	46.0	180	7.0
22206 Osteotomy of spine for correction fixed deformity, single or multiple (including vertebral body resection), for scoliosis with or without internal fixation; transthoracic	32.0	180	7.0
22207 transabdominal or retroperitoneal ..	40.0	180	7.0

(For primary arthrodesis without osteotomy in scoliosis, see 22800-22840)

FRACTURE AND/OR DISLOCATION

22305 Treatment of vertebral process fracture, each	Sv.&		
22310 Treatment of vertebral body fracture and/or dislocation; without reduction; each	Sv.&		
22315 with or without anesthesia by manipulation or traction, each	7.0	180	3.0
22325 Open treatment of vertebral body fracture and/or dislocation; lumbar, each ..	24.0	180	7.0
22326 cervical, each	24.0	180	8.0
22327 thoracic, each	24.0	180	7.0

Procedural codes 22330-22371 are for a SINGLE level procedure; for additional levels, see 22730-22735

22330 Open treatment and fusion, cervical spine, posterior approach, with local bone graft and/or internal fixation for fracture	28.0	180	8.0
22335 posterior approach, with iliac or other autogenous bone graft (includes obtaining graft), for fracture	31.0	180	8.0
22345 anterior approach, with iliac or other autogenous bone graft (includes obtaining graft) for fracture	30.0	180	7.0

(For cervicocranial fusion, see 22620)

22355 Open treatment and fusion, posterior approach, with local bone graft and/or internal fixation for fracture; lumbar ..	26.0	180	7.0
22356 thoracic	26.0	180	7.0
22360 Open treatment and fusion, posterior approach, with iliac or other autogenous bone graft (includes obtaining graft), for fracture; lumbar	30.0	180	7.0
22361 thoracic	30.0	180	7.0
22370 Open treatment and fusion, posterolateral or anterolateral approach, with iliac or other autogenous bone graft (includes obtaining graft)			

for fracture, lumbar	BR+		7.0
22371 thoracic	BR		7.0
22379 Harrington rod technique (list separately in addition to code for fracture and/or dislocation)	BR		

MANIPULATION

22500 Manipulation of the spine, any region, .	0.3	0	
*22505 requiring anesthesia	*1.4	0	3.0

ARTHRODESIS WITH DISKECTOMY (Intervertebral disk excision, laminotomy or laminectomy and fusion)

Procedural codes 22550-22565 are for SINGLE level procedure; for additional levels, see 22730-22735.

(For diskectomy without arthrodesis, see 63020-63076)

22550 Arthrodesis with diskectomy, cervical, posterior approach; local bone graft and/or internal fixation	28.0	180	8.0
22552 with iliac or other autogenous bone graft (includes obtaining graft) ..	32.0	180	8.0
22555 Arthrodesis with diskectomy, cervical, anterior interbody approach, with iliac or other autogenous bone graft (includes obtaining graft)	28.0	180	7.0
22560 Arthrodesis with diskectomy, lumbar or thoracic, posterior posterolateral or posterior interbody approach; local bone graft and/or internal fixation	26.0	180	7.0
22561 with iliac or other autogenous bone graft (includes obtaining graft) ...	30.0	180	7.0
22565 Arthrodesis with diskectomy, lower lumbar spine, anterior interbody approach, (includes obtaining graft)	24.0	180	7.0

(For supplemental skills of two surgeons, see WAC 296-22-010, item 5b and modifier -62.)

ARTHRODESIS, PRIMARY OR REPAIR OF PSEUDARTHROSIS

Procedural codes 22600-22720 are for SINGLE level procedures; for additional levels, see 22730-22735.

22600 Cervical fusion, posterior approach below C-1 level; local bone graft and/or internal fixation	24.0	180	8.0
22605 with iliac or other autogenous bone graft (includes obtaining graft) ..	28.0	180	8.0
22615 Cervical fusion, anterior approach (C3-T1) with iliac or other autogenous bone graft (includes obtaining graft)	28.0	180	7.0
22617 Atlas-axis fusion (C1-C2 or C3) with iliac or other autogenous bone graft (includes obtaining graft) (posterior or anterior approach)	29.0	180	8.0
22620 Cervicocranial fusion (occiput through C2) with iliac or other autogenous bone graft (includes obtaining graft)	30.0	180	8.0
22640 Thoracic or lumbar fusion, posterior or posterolateral approach; local bone graft and/or internal fixation	24.0	180	7.0
22645 with iliac or other autogenous bone graft (includes obtaining graft) (see also 22720)	28.0	180	7.0
22655 Thoracic or lumbar fusion; posterior interbody technique, with iliac or other autogenous bone graft, (includes obtaining graft)	32.0	180	7.0
22670 lateral approach (transverse process to transverse process and/or sacrum) with iliac or other autogenous bone graft and/or internal fixation (includes obtaining graft)	32.0	180	7.0
22680 anterolateral or anterior interbody fusion, transthoracic approach (includes obtaining graft)	BR+		11.0
22700 Lumbar spine fusion, anterior interbody fusion (includes obtaining graft)	24.0	180	7.0

	Unit Value	Follow-up Days=	Basic Anes@
<i>(For supplemental skills of two surgeons, see WAC 296-22-010, item 5b and modifier -62.)</i>			
22720 posterior approach, Harrington or Knodt rod distraction fusion, with iliac or other autogenous bone graft (includes obtaining graft)	30.0	180	7.0
22730 Arthrodesis, primary or repair of pseudarthrosis, two levels (list separately in addition to code for single level arthrodesis, 22600-22720)	6.0		
22735 more than two levels (list separately in addition to code for single level arthrodesis, 22600-22720)	BR+		
<i>(For single or multiple osteotomy type of scoliosis correction, see 22206, 22207)</i>			
22800 Arthrodesis, primary for scoliosis (includes first postoperative cast), 6 or less vertebrae; local bone graft	29.0	180	7.0
22801 with iliac or other autogenous bone graft	30.0	180	7.0
22802 Arthrodesis, primary for scoliosis (includes first postoperative cast) seven or more vertebrae; local bone graft	BR		7.0
22803 with iliac or other autogenous bone graft	BR		7.0
22840 Harrington rods technique (list separately in addition to procedures 22800-22803)	50.0	180	7.0
22845 Dwyer instrumentation technique (list separately in addition to procedures 22800-22803)	BR		
22850 Harrington rod removal	BR		
22855 Dwyer instrument removal	BR		
<i>(For presurgical braces, Milwaukee or other, casts of any type, see section on application of casts or strapping)</i>			

MISCELLANEOUS

22899 Unlisted procedure, spine BR

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-063 SHOULDER.

	Unit Value	Follow-up Days=	Basic Anes@
<i>(Clavicle, scapula, humerus head and neck, sternoclavicular joint, acromioclavicular joint and shoulder joint)</i>			
INCISION			
23000 Removal of subdeltoid (or intratendinous) calcareous deposits	6.0	60	3.0
<i>(For excision of subdeltoid bursa, see 23110)</i>			
23020 Capsular contracture release (Sever type procedure) for Erb's palsy	11.0	60	3.0
<i>(For incision and drainage procedures, superficial, see 10000-10160)</i>			
23030 Incision and drainage; deep abscess or hematoma	BR		
23031 infected bursa	BR		
23035 Incision, deep, with opening of cortex for osteomyelitis or bone abscess;	BR		
23036 with suction irrigation	BR		
23040 Arthrotomy with exploration, drainage, or removal of foreign body, glenohumeral joint	11.0	60	3.0
<i>(For incision and drainage procedures, superficial, see 10000-10160)</i>			
23042 with suction irrigation	12.0	60	3.0

	Unit Value	Follow-up Days=	Basic Anes@
23044 Arthrotomy with exploration, drainage or removal of foreign body, acromioclavicular, sternoclavicular joint	10.0	60	3.0
EXCISION			
23065 Biopsy, soft tissues; superficial	1.2	7	3.0
23066 deep	2.4	15	3.0
23075 Excision, benign tumor; subcutaneous	3.0	7	3.0
23076 deep, subfascial or intramuscular	4.0	15	3.0
23100 Arthrotomy for biopsy, glenohumeral joint	11.0	60	3.0
23101 Arthrotomy for biopsy or for excision of torn cartilage, acromioclavicular, sternoclavicular joint	11.0	60	4.0
23105 Arthrotomy for synovectomy; glenohumeral joint	BR+		3.0
23106 acromioclavicular, sternoclavicular joint	BR		3.0
23110 Excision, subacromial subdeltoid bursa excision	6.0	60	3.0
23120 Claviculectomy, partial	8.5	60	3.0
23125 total	16.0	60	3.0
23130 Acromiectomy, partial or total	8.5	60	3.0
23140 Excision or curettage of bone cyst or benign tumor of clavicle or scapula;	6.0	60	3.0
23145 with primary autogenous graft (includes obtaining graft)	9.0	120	3.0
23146 with homogenous or other nonautogenous graft	11.0	120	3.0
23150 Excision or curettage of bone cyst or benign tumor of proximal humerus;	6.0	120	3.0
23155 with primary autogenous graft (includes obtaining graft)	9.0	120	3.0
23156 with homogenous or other nonautogenous graft	11.0	120	3.0
23170 Sequestrectomy for osteomyelitis or bone abscess, clavicle,	BR		
23171 with suction irrigation	BR		
23172 Sequestrectomy for osteomyelitis or bone abscess, scapula;	BR		
23173 with suction irrigation	BR		
23174 Sequestrectomy for osteomyelitis or bone abscess, humeral head to surgical neck;	BR		
23175 with suction irrigation	BR		
23180 Partial excision of bone (craterization, saucerization or diaphysectomy) for osteomyelitis, clavicle,	5.0	60	3.0
23181 with suction irrigation	5.0	60	4.0
23182 Partial excision of bone (craterization, saucerization, or diaphysectomy) for osteomyelitis, scapula;	6.0	60	4.0
23183 with suction irrigation	5.0	60	4.0
23184 Partial excision of bone (craterization, saucerization, or diaphysectomy) for osteomyelitis, proximal humerus;	6.0	60	4.0
23185 with suction irrigation	5.0	60	4.0
23190 Osteotomy of scapula, partial (e.g., superior medial angle)	7.0	60	3.0
23195 Resection humeral head	BR		
<i>(For replacement with implant, see 23470)</i>			
23200 Radical resection for tumor, clavicle	BR+		3.0
23210 scapula	BR+		3.0
23220 Radical resection for tumor, proximal humerus;	BR		
23221 with autogenous bone graft, (includes obtaining graft)	BR		
23222 with prosthetic replacement	BR		
INTRODUCTION OR REMOVAL			
<i>(For arthrocentesis or needling of bursa, see 20610)</i>			
<i>(For K wire or pin insertion or removal, see 20650, 20670, 20680.)</i>			
23330 Removal of foreign body; subcutaneous	8.0	60	3.0
23331 deep (e.g., prosthetic removal)	11.0	60	3.0
23350 Injection procedure for shoulder arthrography	0.6	0	3.0
<i>(For shoulder arthrography, see 73040)</i>			

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@
INCISION							
(For incision and drainage procedures, superficial, see 10000-10160)							
23930	5.0	15	3.0	24160	6.0	60	3.0
23931	5.0	15	3.0	24164	4.8	60	3.0
23935	8.0	15	3.0	24200	BR		
23936	8.0	15	3.0	24201	BR		
24000	10.0	60	3.0	24220	BR		
24001	8.0	15	3.0	(For elbow arthrography, see 73085)			
EXCISION				(For injection of tennis elbow, see 20550)			
(For muscle or bone biopsy, see 20200-20245)				REPAIR, REVISION, AND RECONSTRUCTION			
24065	2.0	7	3.0	(For neurorrhaphy or neuroplasty, arm, see 64700 et seq.)			
24066	3.0	15	3.0	(For repair of deep wound, see 20800)			
24075	4.0	15	3.0	24301	BR+		3.0
24076	4.5	15	3.0	24305	BR		3.0
24100	10.0	60	3.0	24310	5.0	30	3.0
24101	14.0	90	3.0	24320	BR+		3.0
24102	4.8	60	3.0	24330	8.0	90	3.0
24110	9.5	60	3.0	24331	8.0	90	3.0
24115	12.5	120	3.0	24340	14.0	90	3.0
24116	13.0	120	3.0	24342	14.0	90	3.0
24120	8.0	60	3.0	24350	6.0	30	3.0
24125	10.0	120	3.0	24351	5.0	30	3.0
24126	11.0	120	3.0	24352	6.0	30	3.0
24130	8.0	60	3.0	24354	BR		
(For replacement with implant, see 24366)				24356	BR		
24134	BR			24360	BR+		
24135	BR			24361	BR		
24136	BR			24362	BR		
24137	BR			24363	BR		
24138	BR			24365	10.0	120	3.0
24139	BR			24366	BR		
24140	7.0	60	3.0	24400	12.0	90	3.0
24144	8.0	60	3.0	24410	14.0	90	3.0
24145	7.0	6.0	3.0	24420	BR+		3.0
24146	8.0	6.0	3.0	24430	17.0	90	3.0
24147	7.0	60	3.0	24435	20.0	120	3.0
24148	8.0	60	3.0	(For proximal radius and/or ulna, see 25400-25420)			
24150	BR+		3.0	24470	7.0	120	3.0
24151	BR			24495	BR		
24152	BR			FRACTURE AND/OR DISLOCATION			
24153	BR			24500	Sv.&		
24155	BR			24505	5.0	90	3.0
INTRODUCTION OR REMOVAL				24510	7.0	90	3.0
(For K wire or pin insertion or removal, see 20650, 20670, 20680)				24515	11.0	90	3.0
(For arthrocentesis or needling of bursa or joint, see 20605)							

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@
24530 Treatment of closed supracondylar or transcondylar fracture, without manipulation	Sv. &			24640 Treatment of radial head subluxation in child, "nursemaid elbow," with manipulation	Sv. &		
24531 with traction (pin or skin)				24650 Treatment of closed radial head or neck fracture, without manipulation	Sv. &		
24535 Treatment of closed supracondylar or transcondylar fracture, with manipulation	5.0	90	3.0	24655 with manipulation	3.0	90	3.0
24536 with traction (pin or skin)	9.0	90	3.0	24660 Treatment of open radial head or neck fracture, with uncomplicated soft tissue closure	4.0	90	3.0
24538 with percutaneous skeletal fixation	10.0	90	3.0	24665 Open treatment of closed or open radial head or neck fracture, with or without internal fixation or radial head excision	8.0	90	3.0
24540 Treatment of open supracondylar or transcondylar fracture, with uncomplicated soft tissue closure	7.0	90	3.0	24666 with implant	9.0	90	3.0
24542 with traction (pin or skin)	11.0	90	3.0	24670 Treatment of closed ulnar fracture, proximal end (olecranon process); without manipulation	Sv. &		
24545 Open treatment of closed or open supracondylar or transcondylar fracture, with or without internal or external skeletal fixation	10.0	90	3.0	24675 with manipulation	3.0	90	3.0
24560 Treatment of closed epicondylar fracture, medial or lateral; without manipulation	Sv. &			24680 Treatment of open ulnar fracture, proximal end (olecranon process), with uncomplicated soft tissue closure	4.0	90	3.0
24565 with manipulation	4.0	90	3.0	24685 Open treatment of closed or open ulnar fracture proximal end (olecranon process), with or without internal or external skeletal fixation	8.0	90	3.0
24570 Treatment of open epicondylar fracture, medial or lateral with uncomplicated soft tissue closure	6.0	90	3.0				
24575 Open treatment of closed or open epicondylar fracture, medial or lateral, with or without internal or external skeletal fixation	9.0	90	3.0	MANIPULATION			
24576 Treatment of closed condylar fracture, medial or lateral; without manipulation	SV			*24700 Manipulation under general anesthesia (includes application of traction or other fixation device)	*1.0	0	3.0
24577 with manipulation	4.0	90	3.0	ARTHRODESIS			
24578 Treatment of open condylar fracture, medial or lateral, with uncomplicated soft tissue closure	5.0	90	3.0	24800 Arthrodesis, elbow joint; with or without local or homogenous bone graft	16.0	120	3.0
24579 Open treatment of closed or open condylar fracture, medial or lateral, with or without internal or external skeletal fixation	7.0	90	3.0	24802 with primary autogenous bone graft (includes obtaining graft)	16.0	120	3.0
24580 Treatment of closed comminuted elbow fracture (fracture distal humerus and/or proximal ulna and/or proximal radius), treatment with traction, (pin or skin); without manipulation	SV			AMPUTATION			
24581 with manipulation	8.0	90	3.0	24900 Amputation, arm through humerus; with primary closure	10.0	90	3.0
24583 Treatment of open comminuted elbow fracture (fracture distal humerus and/or proximal ulna and/or proximal radius), with uncomplicated soft tissue closure	9.0	90	3.0	24920 open, flap or circular (guillotine)	9.0	90	3.0
24585 Open treatment of closed or open comminuted elbow fracture (fracture distal humerus and/or proximal ulna/radius), with or without internal or external skeletal fixation	12.0	90	3.0	24925 secondary closure or scar revision	3.0	30	3.0
24586 with elbow resection	BR			24930 reamputation	10.0	90	3.0
24587 with implant	BR			24931 with implant	10.0	90	3.0
(See also 24361)				24935 Stump elongation	3.0	90	3.0
24588 with implants and fascia lata ligament reconstruction	BR			24940 Cineplasty, upper extremity, complete procedure	BR+		3.0
(See also 24362)				MISCELLANEOUS			
24600 Treatment of closed elbow dislocation; without anesthesia	Sv. &			24999 Unlisted procedure, humerus or elbow	BR		
*24605 requiring anesthesia	*1.0	0	3.0	AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)			
24610 Treatment of open elbow dislocation, with uncomplicated soft tissue closure	6.0	45	3.0	WAC 296-22-071 FOREARM AND WRIST.			
24615 Open treatment of closed or open elbow dislocation	12.0	90	3.0	<i>(Radius, ulna, carpal bones and joints)</i>			
24620 Treatment of closed Monteggia type of fracture dislocation at elbow (fracture proximal end of ulna with dislocation of radial head)	4.0	90	3.0	INCISION			
24625 Treatment of closed Monteggia type fracture dislocation at elbow (fracture proximal end of ulna with dislocation of the radial head), with uncomplicated soft tissue closure	6.0	90	3.0	25000 Tendon sheath incision, at radial styloid for De Quervain's disease	4.4	30	3.0
24635 Open treatment of closed or open Monteggia type fracture dislocation at elbow (fracture proximal end of ulna with dislocation of radial head), with or without internal or external skeletal fixation	12.0	90	3.0	25005 at wrist for other stenosing tenosynovitis	4.0	30	3.0
				<i>(For decompression median nerve or for carpal tunnel syndrome, see 64721)</i>			
				25020 Decompression fasciotomy, flexor and/or extensor compartment	3.5	30	3.0
				25023 with debridement of nonviable muscle and/or nerve	4.0	30	3.0
				<i>(For decompression fasciotomy with brachial artery exploration, see 24495)</i>			
				<i>(For incision and drainage procedures, superficial, see 10000-10160)</i>			
				25028 Incision and drainage, deep abscess or hematoma	1.0	30	3.0
				25031 infected bursa	1.5	30	3.0

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@	
graft.....	BR		3.0	25615	Treatment of open distal radial fracture (e.g., Colles or Smith type) or epiphyseal separation, without fracture of ulnar styloid, with uncomplicated soft tissue closure	5.0	90	3.0
25392 Osteoplasty, radius AND ulna; shortening	BR		3.0	25620	Open treatment of closed or open distal radial fracture (e.g., Colles or Smith type) or epiphyseal separation, with or without fracture of the ulnar styloid, with or without internal or external skeletal fixation	8.0	90	3.0
25393 lengthening with autogenous bone graft.....	BR		3.0	25622	Treatment of closed carpal scaphoid (navicular) fracture, without manipulation	SV		
25400 Repair of nonunion or malunion, radius OR ulna; without graft (e.g., compression technique, etc.)	14.0	90	3.0	25624	with manipulation.....	4.0	90	3.0
25405 with iliac or other autogenous bone graft (includes obtaining graft)	17.0	120	3.0	25626	Treatment of open carpal scaphoid (navicular) fracture, with uncomplicated soft tissue closure	5.0	90	3.0
25415 Repair of nonunion or malunion, radius AND ulna; without graft (e.g., compression technique, etc.)	20.0	90	3.0	25628	Open treatment of closed or open carpal scaphoid (navicular) fracture, with or without skeletal fixation	8.0	90	3.0
25420 with iliac or other autogenous bone graft (includes obtaining graft) ..	23.0	120	3.0	25630	Treatment of closed carpal bone fracture (excluding carpal scaphoid (navicular)); without manipulation, each bone	Sv.&		
25425 Repair of defect with autogenous bone graft, radius OR ulna	14.0	120	3.0	25635	with manipulation, each bone	4.0	90	3.0
25426 radius AND ulna	20.0	120	3.0	25640	Treatment of open carpal bone fracture (excluding carpal scaphoid (navicular)); without manipulation, each bone	5.0	90	3.0
25440 Repair of nonunion, scaphoid (navicular) bone, with or without radial styloidectomy (includes obtaining graft and necessary fixation)	14.0	120	3.0	25645	Open treatment of closed or open carpal bone fracture (excluding carpal scaphoid (navicular)), each bone	6.0	90	3.0
25441 Arthroplasty with prosthetic replacement; distal radius	((+2-0)) 18.0	120	3.0	25650	Treatment of closed ulnar styloid fracture	BR		3.0
25442 distal ulna	((0-0)) 12.5	120	3.0	*25660	Treatment of closed radiocarpal or intercarpal dislocation, one or more bones, with manipulation.....	*1.2	0	3.0
25443 scaphoid (navicular).....	((0-0)) 15.5	120	3.0	25665	Treatment of open radiocarpal dislocation or intercarpal, one or more bones, with uncomplicated soft tissue closure .	4.0	45	3.0
25444 lunate	((0-0)) 15.5	120	3.0	25670	Open treatment of closed or open radiocarpal or intercarpal dislocation, one or more bones	8.0	90	3.0
25445 trapezium	((0-0)) 15.5	120	3.0	25675	Treatment of closed distal radioulnar dislocation with manipulation	3.2	60	3.0
25446 distal radius and partial or entire carpus ("total wrist").....	((+8-0)) 20.0	120	3.0	25676	Open treatment of closed or open distal radioulnar dislocation, acute or chronic	6.0	90	3.0
25449 Arthroplasty with removal of implant..	BR	120	3.0	25680	Treatment of closed trans-scaphoperilunar type of fracture dislocation, with manipulation	6.0	45	3.0
25450 Epiphyseal arrest by epiphysiodesis or stapling; distal radius OR ulna	6.0	120	3.0	25685	Open treatment of closed or open trans-scaphoperilunar type of fracture dislocation	12.0	90	3.0
25455 distal radius AND ulna	8.0	120	3.0	25690	Treatment of lunate dislocation, with manipulation.....	4.0	90	3.0
				25695	Open treatment of lunate dislocation ..	8.0	90	3.0
FRACTURE AND/OR DISLOCATION				MANIPULATION				
25500 Treatment of closed radial shaft fracture, without manipulation	Sv.&			*25700	Manipulation of wrist joint under general anesthesia	*1.0	0	3.0
25505 with manipulation.....	4.2	90	3.0	ARTHRODESIS				
25510 Treatment of open radial shaft fracture, with uncomplicated soft tissue closure .	5.0	90	3.0	25800	Arthrodesis, wrist joint, without bone graft	12.0	120	3.0
25515 Open treatment of closed or open radial shaft fracture, with or without internal or external skeletal fixation	8.0	90	3.0	25805	with sliding graft	14.0	120	3.0
25530 Treatment of closed ulnar shaft fracture, without manipulation	Sv.&			25810	with iliac or other autogenous bone graft (includes obtaining graft)	16.0	120	3.0
25535 with manipulation.....	4.0	90	3.0	AMPUTATION				
25540 Treatment of open ulnar shaft fracture with uncomplicated soft tissue closure .	5.0	90	3.0	25900	Amputation, forearm, through radius and ulna	9.0	90	3.0
25545 Open treatment of closed or open ulnar shaft fracture, with or without internal or external skeletal fixation	8.0	90	3.0	25905	open flap or circular (guillotine)	8.0	90	3.0
25560 Treatment of closed radial and ulnar shaft fractures, without manipulation ..	Sv.&			25907	secondary closure or scar revision ...	3.0	30	3.0
25565 with manipulation.....	5.4	90	3.0	25909	reamputation	9.0	90	3.0
25570 Treatment of open radial and ulnar shaft fractures, with uncomplicated soft tissue closure	6.0	90	3.0	25915	Krukenberg procedure	9.0	90	3.0
25575 Open treatment of closed or open radial and ulnar shaft fractures, with or without internal or external skeletal fixation	12.0	90	3.0	25920	Disarticulation through wrist	8.0	90	3.0
25600 Treatment of closed distal radial fracture (e.g., Colles or Smith type) or epiphyseal separation, with or without fracture of ulnar styloid, without manipulation	Sv.&			25922	secondary closure or scar revision ...	3.0	90	3.0
25605 with manipulation.....	4.0	90	3.0	25924	reamputation	9.0	90	3.0
25610 Treatment of closed, complex, distal radial fracture (e.g., Colles or Smith type) or epiphyseal separation, with or without fracture of ulnar styloid, requiring manipulation; without external skeletal fixation or percutaneous pinning	6.0	90	3.0	25927	Transmetacarpal amputation;	10.0	90	3.0
25611 with external skeletal fixation or percutaneous pinning	8.0	120	3.0	25929	secondary closure or scar revision ...	3.0	90	3.0
				25931	reamputation.....	10.0	90	3.0
				MISCELLANEOUS				
				25999	Unlisted procedure, forearm or wrist ..	BR		

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-073 HAND AND FINGERS.

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@
INCISION							
(For drainage of paronychia, see 10100, 10101)							
*26010 Drainage of finger tip abscess, simple...	*0.72	0	3.0	26160 Excision of lesion of tendon sheath or capsule (e.g., cyst or ganglion)	2.4	30	3.0
26011 complicated (e.g., felon, etc.)	BR+		3.0	(For wrist ganglion, see 25111, 25112)			
26020 Drainage of tendon sheath, one digit and/or palm	4.0	30	3.0	(For trigger digit, see 26055)			
(For drainage of simple abscess, see 10020, 10060)							
26025 Drainage of palmar bursa; single, ulnar or radial	5.0	30	3.0	26170 Excision of tendon, palm, flexor, single (independent procedure), each	BR+		3.0
26030 multiple or complicated	BR+		3.0	26180 Excision of tendon, finger, flexor (separate procedure)	BR+		3.0
26032 with suction irrigation	5.0	30	3.0	26200 Excision or curettage of bone cyst or benign tumor of metacarpal	6.0	60	3.0
26034 Incision, deep, with opening of cortex for osteomyelitis or bone abscess	4.0	30	3.0	26205 with autogenous graft (includes obtaining graft)	7.0	120	3.0
26035 Decompression fingers and/or hand, injection injury (e.g., grease gun, etc.) ..	BR			26206 with homogenous or other nonautogenous graft	7.0	120	3.0
26040 Fasciotomy, palmar, for Dupuytren's contracture, closed (subcutaneous)	3.6	60	3.0	26210 Excision or curettage of bone cyst or benign tumor of proximal, middle or distal phalanx;	5.0	60	3.0
26045 open, partial	5.0	60	3.0	26215 with autogenous graft (includes obtaining graft)	6.0	120	3.0
(For fasciectomy, see 26120-26128)							
26055 Tendon sheath incision for trigger finger	2.0	30	3.0	26216 with homogenous or other nonautogenous graft	6.0	120	3.0
*26060 Tenotomy, subcutaneous, single, each digit	*1.2	0	3.0	26230 Partial excision of bone (craterization, saucerization, or diaphysectomy) for osteomyelitis, metacarpal	6.0	60	3.0
26070 Arthrotomy with exploration, drainage or removal of loose or foreign body, carpometacarpal joint	5.0	60	3.0	26235 proximal or middle phalanx	5.0	60	3.0
26075 metacarpophalangeal joint	5.0	60	3.0	26236 distal phalanx	5.0	60	3.0
26080 interphalangeal joint, each	4.0	60	3.0	26250 Radical resection (ostectomy) for tumor, metacarpal;	12.0	120	3.0
EXCISION							
(For finger nail, see 11700-11750)							
(For biopsy, see 20200-20240)							
(For neuroma, see 64200-64210)							
26100 Arthrotomy for synovial biopsy, carpometacarpal joint	5.0	60	3.0	26255 with autogenous graft (includes obtaining graft)	12.0	120	3.0
26105 metacarpophalangeal joint	5.0	60	3.0	26260 Radical resection (ostectomy) for tumor, proximal or middle phalanx	10.0	120	3.0
26110 interphalangeal joint, each	4.0	60	3.0	26261 with autogenous graft (includes obtaining graft)	10.0	120	3.0
26115 Excision of benign tumor, subcutaneous	4.0	15	3.0	26262 Radical resection (ostectomy) for tumor, distal phalanx	BR		
26116 deep, subfascial, intramuscular	4.0	30	3.0	INTRODUCTION OR REMOVAL			
26120 Fasciectomy palmar, simple, for Dupuytren's contracture, partial excision	6.0	60	3.0	(For arthrocentesis (injection or aspiration) see 20600)			
26122 up to 1/2 palmar fascia, with single digit involvement, with or without Z-plasty or other local tissue rearrangement	10.0	60	3.0	(For K wire or pin insertion or removal, see 20650, 20670, 20680)			
(For fasciotomy, see 26040-26045)							
26124 Fasciectomy, palmar, complicated, requiring skin grafting (includes obtaining graft); with single digit involvement	14.0	90	3.0	26320 Removal of implant from finger or hand	BR		
26126 each additional digit	18.0	90	3.0	REPAIR, REVISION OR RECONSTRUCTION			
26128 each finger joint release	BR			(For neurorrhaphy, neuroplasty or neurolysis, see 64700 et seq.)			
(For skin grafts, etc., see 14000-15240)							
26130 Synovectomy, carpometacarpal joint ..	10.0	90	3.0	26350 Flexor tendon repair or advancement, single, not in "no man's land"; primary or secondary without free graft, each tendon	7.0	120	3.0
26135 Synovectomy, metocarpophalangeal joint including intrinsic release and extensor hood reconstruction, each digit	5.0	90	3.0	26352 secondary with free graft (includes obtaining graft), each tendon	BR+		3.0
26140 Synovectomy, proximal interphalangeal joint, including extensor reconstruction, each interphalangeal joint	5.0	90	3.0	26356 Flexor tendon repair or advancement, single, in "no man's land"; primary, each tendon	7.0	120	3.0
26145 Synovectomy, tendon sheath, radical (tenosynovectomy), flexor, palm or finger, single, each digit	10.0	90	3.0	26358 secondary with free graft (includes obtaining graft), each tendon	BR		3.0
(For tendon sheath synovectomies at wrist, see 25115, 25116)							
				26370 Profundus tendon repair or advancement, with intact sublimis; primary ..	BR		3.0
				26372 secondary with free graft (includes obtaining graft)	BR		3.0
				26373 secondary without free graft	BR		3.0
				26390 Flexor tendon excision, implantation of plastic tube or rod for delayed tendon graft	BR		3.0
				26392 Removal of tube or rod and insertion of tendon graft (includes obtaining graft) ..	BR		3.0
				26410 Extensor tendon repair, dorsum of hand, single, primary or secondary, without free graft, each tendon	3.0	120	3.0
				26412 with free graft (includes obtaining graft); each tendon ..	BR+		3.0
				26418 Extensor tendon repair, dorsum of finger, single, primary or secondary, without free graft, each tendon	4.0	120	3.0

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@
26420				26540			
				26541			
26426	BR+		3.0	26545	12.0	90	3.0
				26550			
26428	BR	120	3.0	26552	BR+	90	3.0
26432				26555	BR+		3.0
				26557	BR		
26433	5.0	120	3.0	26558	BR		
				26559	BR		
26434	6.0	120	3.0	26560	9.5	45	3.0
	BR			26561	12.5	45	3.0
(For tenovagotomy for trigger finger, see 26055)				26562	BR+		3.0
26440				26565	8.0	90	3.0
26442	5.0	60	3.0	26567	5.0	90	3.0
26445	6.0	60	3.0	26570	10.0	120	3.0
26449	6.0	60	3.0	26574	7.0	120	3.0
	BR			26580	BR		
(For fascia or other implant, see 20920, 20922)				26585	BR		
26450	4.0	30	3.0	26590	BR		
26455	5.0	30	3.0	FRACTURES AND/OR DISLOCATION			
26460	BR+		3.0	26600			
26471	8.0	120	3.0	26605	Sv. & 2.4	90	3.0
26474	7.0	120	3.0	26610	3.0	90	3.0
26476	8.0	120	3.0	26615	7.0	90	3.0
26477	8.0	120	3.0	26641	Sv. &		
26480	8.0	90	3.0	26645	4.0	45	3.0
26483	11.0	90	3.0	26650	6.0	45	3.0
26485	10.0	90	3.0	26655	5.0	45	3.0
26489	11.0	90	3.0	26660	7.0	45	3.0
26490	9.5	120	3.0	26665	10.0	90	3.0
26492	11.0	120	3.0	*26670	*0.72	0	
26494	12.0	120	3.0	26675	2.0	45	3.0
26496	BR+		3.0	26680	3.0	45	3.0
(For thumb fusion in opposition, see 26820)				26685	6.0	90	3.0
26497	BR			26686	BR		
26498	BR			*26700	*0.72	0	
26499	BR			26705	2.0	45	3.0
26500	6.0	90	3.0	26710	3.0	45	3.0
26502	8.0	90	3.0	26715	6.0	90	3.0
26508	8.0	90	3.0	26720	Sv. &		
26516	6.0	90	3.0				
26517	8.0	90	3.0				
26518	10.0	90	3.0				
26520	7.0	90	3.0				
26525	7.0	90	3.0				
26530	7.0	90	3.0				
26531	9.0	90	3.0				
26535	8.0	90	3.0				
26536	BR+		3.0				

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@
26725 with manipulation, each	1.6	45	3.0	26951 Amputation, finger or thumb, primary or secondary, any joint or phalanx, single, including neurectomies, with direct closure	(3-0) 3.5	45	3.0
96727 [26727] Treatment of unstable phalangeal shaft fracture, proximal or middle phalanx, finger or thumb, with manipulation, requiring traction or fixation, each	2.0	45	3.0	26952 with local advancement flaps (V-Y, hood)	5.0	45	3.0
26730 Treatment of open phalangeal shaft fracture, proximal or middle phalanx, finger or thumb, with uncomplicated soft tissue closure, each	2.2	45	3.0	(For repair of soft tissue defect requiring split or full thickness graft or other pedicle grafts, see 15050-15750)			
26735 Open treatment of closed or open phalangeal shaft fracture, proximal or middle phalanx, finger or thumb, with or without internal or external skeletal fixation, each	4.0	60	3.0	MISCELLANEOUS			
26740 Treatment of closed articular fracture, involving metacarpophalangeal or proximal interphalangeal joint, without manipulation, each	Sv.			26989 Unlisted procedure, hands or fingers	BR		
26742 with manipulation, each	2.0	60	3.0	AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)			
26743 with manipulation requiring traction for fixation, each	4.0	60	3.0	WAC 296-22-082 FEMUR (THIGH REGION) AND KNEE JOINT.			
26744 Treatment of open articular fracture, involving metacarpophalangeal or proximal interphalangeal joint, with uncomplicated soft tissue closure, each	1.5	60	3.0	(including tibial plateaus)			
26746 Open treatment of closed or open articular fracture, involving metacarpophalangeal or proximal interphalangeal joint, each	2.5	60	3.0		Unit Value	Follow-up Days=	Basic Anes@
26750 Treatment of closed distal phalangeal fracture, finger or thumb, without manipulation, each	Sv. & *0.72	0	3.0	INCISION			
26755 with manipulation, each				(For incision and drainage of abscess or hematoma, superficial, see 10000-10160)			
26760 Treatment of open distal phalangeal fracture, finger or thumb, with uncomplicated soft tissue closure, each	1.2	30	3.0	27301 Incision and drainage of deep abscess, infected bursa, or hematoma	BR		
26765 Open treatment of closed or open distal phalangeal fracture, finger or thumb, each	2.4	45	3.0	27303 Incision, deep, with opening of bone cortex for osteomyelitis or bone abscess,	BR		3.0
26770 Treatment of closed interphalangeal joint dislocation, single, with manipulation, without anesthesia	*0.72	0	3.0	27304 with suction irrigation	BR		3.0
26775 requiring anesthesia	1.2	45	3.0	(For suture tenotomy, see 27390, 27392)			
26780 Treatment of open interphalangeal joint dislocation, single, with uncomplicated soft tissue closure	1.6	45	3.0	27305 Fasciotomy, iliotibial (tenotomy), open	6.0	45	3.0
26785 Open treatment of closed or open interphalangeal joint dislocation, single	2.4	60	3.0	(For combined Ober-Yount fasciotomy, see 27025)			
ARTHRODESIS				27306 Tenotomy, subcutaneous, closed, adductor or hamstring, (separate procedure), single	1.2	60	3.0
26820 Fusion in opposition, thumb, with autogenous graft (includes obtaining graft)	10.0	120	3.0	27307 multiple	4.0	60	3.0
26841 Arthrodesis, carpometacarpal joint, thumb, with or without internal fixation	8.0	120	3.0	27310 Arthrotomy, knee, with exploration, drainage or removal of foreign body,	12.0	90	3.0
26842 with autogenous graft (includes obtaining graft)	10.0	120	3.0	27311 with suction irrigation	13.0	90	3.0
26843 Arthrodesis, carpometacarpal joint, digits, other than thumb	8.0	120	3.0	27315 Neurectomy, hamstring muscle	11.0	30	3.0
26844 with autogenous graft (includes obtaining graft)	10.0	120	3.0	27320 Neurectomy, popliteal (gastrocnemius)	11.0	30	3.0
26850 Arthrodesis metacarpophalangeal joint, with or without internal fixation	7.0	120	3.0	EXCISION			
26852 with autogenous graft (includes obtaining graft)	8.0	120	3.0	27323 Biopsy, soft tissues, superficial	1.2	7	3.0
26860 Arthrodesis, interphalangeal joint, with or without internal fixation	5.0	120	3.0	27324 deep	2.4	15	3.0
26861 each additional interphalangeal joint	4.0	120	3.0	27327 Excision, benign tumor, subcutaneous	3.0	7	3.0
26862 with autogenous graft (includes obtaining graft)	6.0	120	3.0	27328 deep, subfascial, or intramuscular	4.0	15	3.0
26863 with autogenous graft (includes obtaining graft), each additional joint	5.0	120	3.0	27330 Arthrotomy, knee, for synovial biopsy only	12.0	90	3.0
AMPUTATION				27331 with joint exploration, with or without biopsy, with or without removal of loose bodies	13.0	90	3.0
(For hand through metacarpal bones, see 25927)				27332 Arthrotomy, knee, for excision of semilunar cartilage (meniscectomy); medial OR lateral	14.0	90	3.0
26910 Amputation, metacarpal, with finger or thumb (ray amputation), single, with or without interosseous transfer	7.0	90	3.0	27333 medial AND lateral	20.0	90	3.0
(For repositioning, see 26550-26555)				27334 Arthrotomy, knee, for synovectomy, anterior OR posterior	17.0	120	3.0
				27335 anterior AND posterior including popliteal area	14.0	120	3.0
				27340 Excision, prepatellar bursa	5.0	60	3.0
				27345 Excision of synovial cyst of popliteal space (Baker's cyst)	8.0	60	3.0
				27350 Patellectomy or hemipatellectomy	12.0	90	3.0
				27355 Excision or curettage of bone cyst or benign tumor of femur	11.0	60	3.0
				27356 with homogenous graft	12.0	60	3.0
				27357 with primary autogenous graft (includes obtaining graft)	14.0	120	3.0
				27358 with internal fixation (list in addition to 27355, 27356, or 27357)	15.0	120	3.0

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@
27360 Excision of bone, partial (craterization, saucerization or diaphysectomy), for osteomyelitis, femur, proximal tibia and/or fibula;	10.0	60	3.0	27416 Advancement, pes anserinus, Slocum type procedure, (separate procedure) ... ((22-0))	23.0	120	3.0
27361 with suction irrigation	13.0	120	3.0	27420 Reconstruction for recurrent dislocating patella; (Hauser type procedure)	14.0	120	3.0
27365 Radical resection for tumor (bone or soft tissue)	BR+		3.0	27422 with extensor realignment and/or muscle advancement or release (Campbell, Goldthwaite, etc., type procedure)	15.0	120	3.0
INTRODUCTION AND/OR REMOVAL				27424 with patellectomy	17.0	120	3.0
(For arthrocentesis or needling of bursa or joint, see 20610)				27425 Lateral retinacular release (any method)	6.0	120	3.0
(For removal of Rush pin, intramedullary rod, etc., see 20680)				27430 Quadriceps plasty (Bennett or Thompson type)	15.0	120	3.0
27370 Injection procedure for knee arthrography	0.6	0		27435 Capsulotomy, knee, posterior capsular release	14.0	90	3.0
(For knee arthrography, see 73580, 73581)				27437 Arthroplasty, patella; without prosthesis	22.0	120	3.0
27372 Removal foreign body, deep	BR			27438 with prosthesis	20.0	120	3.0
((27375))27373 Arthroscopy ((of)), knee, diagnostic (separate procedure); ..	5.4			27440 Arthroplasty, knee, tibial plateau;	BR	120	3.0
27374 Arthroscopy, knee, surgical, debridement with cartilage shaving and/or drilling and/or resection of reactive synovium ..	BR			27441 with debridement and partial synovectomy	BR	120	3.0
27376 with synovial biopsy	((7-0))	((30))	3.0	27442 Arthroplasty, knee, femoral condyles or tibial plateau	24.0	120	3.0
	14.7	90		27443 with debridement and partial synovectomy	BR		
27377 with removal of loose body	((12-0))	90	3.0	27444 Arthroplasty, knee, total, fascial	28.0	120	3.0
	15.7			27445 prosthetic (e.g., Walldius type)	28.0	120	3.0
27378 with partial meniscectomy	((10-0))	90	3.0	27446 Arthroplasty, knee, total, condyle and plateau ("total knee" replacement); medial OR lateral compartment	BR	120	3.0
	16.7			27447 medial AND lateral compartments ("total knee")	40.0	120	3.0
27379 with plica resection and/or shelf resection	BR		3.0	27448 Osteotomy, femur, shaft or supracondylar, without fixation; unilateral	13.0	120	3.0
(When knee arthroscopy is performed in conjunction with arthrotomy, see Modifier -50)				27449 bilateral	15.0	120	3.0
REPAIR, REVISION OR RECONSTRUCTION				27450 Osteotomy, femur, shaft or supracondylar, with fixation; unilateral .	19.0	90	3.0
(For repair of deep wound, see 20800)				27452 bilateral	24.0	120	3.0
27380 Suture of infrapatellar tendon; primary .	11.0	90	3.0	27454 Osteotomy, multiple, femoral shaft, with realignment on intramedullary rod (Sofield type procedure)	20.0	90	3.0
27381 secondary reconstruction, including fascial or tendon graft	BR			27455 Osteotomy, proximal tibia, including fibular excision or osteotomy (includes correction of genu varus (bowleg) or genu valgus (knock knee)), unilateral; before epiphyseal closure	12.0	90	3.0
27385 Suture of quadriceps or hamstring muscle rupture; primary	13.0	90	3.0	27457 after epiphyseal closure	14.0	90	3.0
27386 secondary reconstruction, including fascial or tendon graft	15.0	90	3.0	27460 Osteotomy, proximal tibia, including fibular excision or osteotomy (includes correction of genu varus (bowleg) or genu valgus (knock-knee), bilateral; before epiphyseal closure	18.0	90	3.0
27390 Tenotomy, open, hamstring, knee to hip; single	6.0	45	3.0	27462 after epiphyseal closure	21.0	90	3.0
27391 multiple, one leg	6.0	90	3.0	27465 Osteoplasty, femur; shortening	20.0	180	3.0
27392 multiple, bilateral	8.0	45	3.0	27466 lengthening	26.0	180	3.0
27393 Lengthening of hamstring tendon; single	8.0	90	3.0	27468 combined, lengthening and shortening with femoral segment transfer	40.0	180	4.0
27394 multiple, one leg	12.0	90	3.0	27470 Repair, nonunion or malunion, femur, distal to head and neck; without graft (e.g., compression technic, etc.)	20.0	120	3.0
27395 multiple, bilateral	16.0	120	3.0	27472 with iliac or other autogenous bone graft (includes obtaining graft)	23.0	120	3.0
(For subcutaneous tenotomy, see 27300, 27302)				27475 Epiphyseal arrest by epiphysiodesis or stapling; distal femur	14.0	120	3.0
27396 Transplant, hamstring tendon to patella; single	16.0	120	3.0	27477 tibia and fibula, proximal	16.0	120	3.0
27397 multiple	14.0	120	3.0	27479 combined, distal femur, proximal tibia and fibula	20.0	120	3.0
27400 Tendon or muscle transfer, hamstrings to femur (Eggers type procedure)	16.0	120	3.0	27485 Arrest, hemiepiphyseal, distal femur or proximal leg (e.g., for genu varus or valgus)	11.0	120	3.0
27405 Suture, primary, torn, ruptured or severed ligament, with or without meniscectomy, knee; collateral	14.0	120	3.0	FRACTURES AND/OR DISLOCATION			
27407 cruciate	16.0	120	3.0	27500 Treatment of closed femoral shaft fracture (including supracondylar); without manipulation (includes traction)	Sv. &		
27408 collateral, with pes anserinus transfer.	14.0	120	3.0	27502 with manipulation	7.0	90	3.0
27409 collateral and cruciate ligaments ..	18.0	120	3.0	27504 Treatment of open femoral shaft fracture (including supracondylar), with uncomplicated soft tissue closure	11.0	90	3.0
27410 Suture, secondary repair, torn, ruptured, or severed ligament, with or without meniscectomy, knee; collateral OR cruciate ligament	19.0	120	3.0	27506 Open treatment of closed or open femoral shaft fracture (including			
27411 medial ligament and capsule	19.0	120	3.0				
27413 collateral or cruciate ligament, with pes anserinus transfer or fascial or tendon graft	23.0	120	3.0				
27414 Suture, secondary repair, torn, ruptured, or severed ligament with or without meniscectomy, knee, collateral AND cruciate ligaments	((23-0))	120	3.0				
	22.0						
27415 with pes anserinus transfer or fascial or tendon graft	((20-0))	120	3.0				

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@
27508	19.0	90	3.0	27594			3.0
				27596			4.0
				27598	14.0	120	4.0
27510	8.0	90	3.0	MISCELLANEOUS			
27512	12.0	90	3.0	27599			BR
27514	20.0	90	3.0	AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)			
27516	SV			WAC 296-22-091 FOOT.			
27517	7.0	120	3.0		Unit Value	Follow-up Days=	Basic Anes@
27518	8.0	120	3.0	INCISION			
27519	18.0	120	3.0	(For incision and drainage procedures, superficial, see 10000-10160)			
27520	4.0	90	3.0	28001			SV
27522	12.0	90	3.0	28002			
27524	4.0	90	3.0	28003			BR 3.0
27530	5.0	90	3.0	28004			BR 3.0
27532	8.0	90	3.0	28005			BR 3.0
27534	14.0	90	3.0	28006			BR 3.0
27536	16.0	120	3.0	28008	2.4	60	3.0
27537	16.0	120	3.0	*28010	*0.8	0	3.0
27538	14.0	90	3.0	*28011	*1.2	0	3.0
27540	14.0	90	3.0	(For open tenotomy, see 28230, 28234)			
27544	3.6	45	3.0	28020			
27546	7.0	45	3.0	28022	6.0	60	3.0
27550	15.0	90	3.0	28024	3.6	60	3.0
27552	BR	120	3.0	28030	2.4	60	3.0
27554	3.6	45	3.0	28035			BR+ 3.0
27556	5.0	45	3.0	EXCISION			
27560	3.6	45	3.0	(For toenail, see 11730-11750)			
27562	5.0	45	3.0	28043	3.0	7	3.0
27566	12.0	90	3.0	28045	4.0	15	3.0
MANIPULATION				28050			
*27570	*1.2	0	3.0	28052	6.0	60	3.0
ARTHRODESIS				28054	3.6	60	3.0
27580	20.0	120	3.0	28054	2.4	60	3.0
AMPUTATION				28060			
27590	14.5	120	4.0	28062	6.0	60	3.0
27591	BR	30	3.0	(For plantar fasciotomy, see 28008, 28250)			
27592	14.0	120	4.0	28070	6.0	90	3.0
				28072	3.6	90	3.0
				28080	3.6	30	3.0
				28086	6.0	90	3.0
				28088	6.0	90	3.0
				28090	3.6	30	3.0
				28092	2.4	30	3.0
				28100			
				28102	6.0	60	3.0
				28103	7.0	120	3.0
				28104	8.0	120	3.0
				28106	4.8	60	3.0
					5.6	120	3.0

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@
28107	6.6	120	3.0	28234	1.0	30	3.0
28108	3.6	60	3.0	28236	5.0	120	3.0
28109	4.6	60	3.0	28238	7.0	120	3.0
28110	2.4	60	3.0				
28111	7.0	90	3.0				
28112	4.0	60	3.0				
28113	1.0	90	3.0				
28114	12.0	60	3.0	28240	3.6	60	3.0
28116	7.0	60	3.0	28250	6.0	60	3.0
28118	7.0	60	3.0	28260	BR+		3.0
28119				28261	BR+		3.0
28120	6.0	60	3.0	28262	BR		
28121	7.0	60	3.0	28264	12.0	90	3.0
28122	4.8	60	3.0	28270	3.0	60	3.0
28123	5.0	60	3.0	28272	1.4	60	3.0
28124	3.6	60	3.0	28280	3.6	46	3.0
28126	8.0	60	3.0	28285	4.8	90	3.0
28130	10.0	120	3.0	28286	3.6	120	3.0
28135	10.0	120	3.0	28288	7.0	120	3.0
28140	6.0	60	3.0	28290	4.8	60	3.0
28150	3.6	30	3.0	28292	7.0	90	3.0
28153	6.0	30	3.0	28293	8.0	120	3.0
28160	3.0	30	3.0	28294	9.5	90	3.0
28171	BR+		3.0	28296	9.5	120	3.0
28173	BR		3.0	28298	7.0	120	3.0
28175	BR		3.0	28299	BR		3.0
				28300	9.5	90	3.0
				28302	9.0	90	3.0
				28304	8.0	90	3.0
				28305	9.0	120	3.0
				28306	7.0	90	3.0
				28308	5.6	90	3.0
				28309	BR	120	3.0
				28310	2.8	90	3.0
				28312	2.0	90	3.0
				28315	BR		
				28320	BR+		3.0
				28322			

INTRODUCTION AND/OR REMOVAL

(For arthrocenteses (injections or aspiration), see 20600, 20605)

(For K wire or pin insertion or removal, see 20650, 20670)

- 28190 *Remove foreign body, subcutaneous ... BR 3.0
- 28192 deep ... BR 3.0
- 28193 complicated ... BR 3.0

REPAIR, REVISION OR RECONSTRUCTION

- 28200 Repair or suture of tendon, foot, flexor, single, primary or secondary, without free graft, each tendon ... 6.0 90 3.0
- 28202 secondary with free graft, each tendon (includes obtaining graft) ... 8.0 90 3.0
- 28208 Repair or suture of tendon, foot, ((flexor)) extensor, single, primary or secondary, each tendon ... 2.8 90 3.0
- 28210 secondary with free graft, each tendon (includes obtaining graft) ... 4.4 90 3.0
- 28220 Tenolysis, flexor, single ... 5.0 60 3.0
- 28222 multiple (through same incision), each ... 6.0 60 3.0
- 28225 Tenolysis, extensor, single ... 2.8 60 3.0
- 28226 multiple (through same incision), each ... 3.6 60 3.0
- 28230 Tenotomy, open, flexor, foot, single or multiple (separate procedure) ... 3.0 30 3.0
- 28232 toe, single (separate procedure) ... 1.4 30 3.0

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@	
(includes obtaining graft)	4.8	120	3.0	28580	Treatment of open talotarsal joint dislocation, with uncomplicated soft tissue closure	3.2	45	3.0
FRACTURE AND/OR DISLOCATION				28585	Open treatment of closed or open talotarsal joint dislocation, with or without internal or external skeletal fixation	10.0	90	3.0
28400 Treatment of closed calcaneal fracture, without manipulation	Sv.&			*28600	Treatment of closed tarsometatarsal joint dislocation, without anesthesia	*0.72	0	
28405 with manipulation including Cotton or Bohler type reductions	BR+		3.0	28605	requiring anesthesia	2.0	45	3.0
28406 with manipulation and skeletal fixation	BR	120	3.0	28606	Treatment of closed tarsometatarsal joint dislocation, with percutaneous skeletal fixation	3.0		
28410 Treatment of open calcaneal fracture, with uncomplicated soft tissue closure	4.0	90	3.0	28610	Treatment of open tarsometatarsal joint dislocation, with uncomplicated soft tissue closure	2.8	45	3.0
28415 Open treatment of closed or open calcaneal fracture, with or without internal or external skeletal fixation	10.0	90	3.0	28615	Open treatment of closed or open tarsometatarsal joint dislocation, with or without internal or external skeletal fixation	6.0	90	3.0
28420 with primary iliac or other autogenous bone graft (includes obtaining graft)	14.5	90	3.0	*28630	Treatment of closed metatarsophalangeal joint dislocation, without anesthesia	*0.72	0	
28430 Treatment of closed talus fracture, without manipulation	Sv.&			28635	requiring anesthesia	1.4	45	3.0
28435 with manipulation	3.0	90	3.0	28640	Treatment of open metatarsophalangeal joint dislocation, with uncomplicated soft tissue closure	2.0	45	3.0
28440 Treatment of open talus fracture, with uncomplicated soft tissue closure	4.0	90	3.0	28645	Open treatment of closed or open metatarsophalangeal joint dislocation	4.0	90	3.0
28445 Open treatment of closed or open talus fracture, with or without internal or skeletal fixation	10.0	90	3.0	*28660	Treatment of closed interphalangeal joint dislocation, without anesthesia	*0.72	0	
28450 Treatment of closed tarsal bone fracture (except talus and calcaneus); without manipulation, each	Sv.&			28665	requiring anesthesia	1.2	45	3.0
28455 with manipulation, each	2.0	90	3.0	28670	Treatment of open interphalangeal joint dislocation, with uncomplicated soft tissue closure	1.6	45	3.0
28460 Treatment of open tarsal bone fracture (except talus and calcaneus), with uncomplicated soft tissue closure, each	3.0	90	3.0	28675	Open treatment of closed or open interphalangeal joint dislocation	2.4	60	3.0
28465 Open treatment of closed or open tarsal bone fracture (except talus and calcaneus), with or without internal or external skeletal fixation, each	6.0	90	3.0	ARTHRODESIS				
28470 Treatment of closed metatarsal fracture, without manipulation, each	Sv.&			28705	Pantalar arthrodesis	19.0	120	3.0
28475 with manipulation, each	2.2	90	3.0	28715	Triple arthrodesis	15.0	120	3.0
28480 Treatment of open metatarsal fracture, with uncomplicated soft tissue closure, each	3.0	90	3.0	28725	Subtalar arthrodesis (includes Grice type procedure)	12.0	120	3.0
28485 Open treatment of closed or open metatarsal fracture, with or without internal or external skeletal fixation, each	6.0	90	3.0	28730	Arthrodesis, midtarsal or tarsometatarsal, multiple or transverse;	11.0	120	3.0
28490 Treatment of closed fracture great toe, phalanx or phalanges, without manipulation	Sv.&			28735	with osteotomy as for flat foot correction	14.0	120	3.0
28495 with manipulation	1.2	30	3.0	28737	Arthrodesis, midtarsal navicular-cuneiform, with tendon lengthening and advancement (Miller type procedure)	7.0	120	3.0
28500 Treatment of open fracture great toe, phalanx or phalanges, with uncomplicated soft tissue closure	1.8	30	3.0	28740	Arthrodesis, midtarsal or tarsometatarsal, single joint	9.0	120	3.0
28505 Open treatment of closed or open fracture great toe, phalanx or phalanges, with or without internal or external skeletal fixation	3.6	45	3.0	28750	Arthrodesis, great toe, metatarsophalangeal joint	7.0	120	3.0
28510 Treatment of closed fracture, phalanx or phalanges, other than great toe, without manipulation, each	Sv.&			28755	interphalangeal joint	4.0	120	3.0
28515 with manipulation, each	1.0	30	3.0	28760	Arthrodesis, great toe, interphalangeal joint, with extensor hallucis longus transfer to first metatarsal neck (Jones type procedure)	6.0	120	3.0
28520 Treatment of open fracture, phalanx or phalanges, other than great toe, with uncomplicated soft tissue closure, each	1.6	30	3.0	(For hammer toe operation or interphalangeal fusion, see 28285)				
28525 Open treatment of closed or open fracture, phalanx or phalanges, other than great toe, with or without internal or external skeletal fixation, each	3.0	45	3.0	AMPUTATION				
*28540 Treatment of closed tarsal bone dislocation, without anesthesia	*0.72	0		28800	Amputation, foot; midtarsal (Chopart type procedure)	10.0	90	3.0
28545 requiring anesthesia	2.0	45	3.0	28805	transmetatarsal	10.0	90	3.0
28546 Treatment of closed tarsal bone dislocation, with percutaneous skeletal fixation				28810	Amputation, metatarsal, with toe, single	6.0	90	3.0
28550 Treatment of open tarsal bone dislocation, with uncomplicated soft tissue closure	2.8	45	3.0	28820	Amputation, toe, metatarsophalangeal joint	3.0	45	3.0
28555 Open treatment of closed or open tarsal bone dislocation, with or without internal or external skeletal fixation	6.0	90	3.0	28825	interphalangeal joint	2.0	45	3.0
*28570 Treatment of closed talotarsal joint dislocation, without anesthesia	*1.0	0		MISCELLANEOUS				
28575 requiring anesthesia	2.4	45	3.0	28899	Unlisted procedure, foot or toes	BR		
				(For skin grafts and flaps, see 15050-15770)				

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-100 NOSE RESPIRATORY SYSTEM.

	Unit Value	Follow-up Days=	Basic Anes@
INCISION			
(For simple furuncle see 10020)			
*30000 Drainage abscess or hematoma, nasal, internal approach	*1.2	0	3.0
(For external approach, see 10020, 10060, 10140)			
*30020 Drainage of abscess or hematoma, nasal septum	*1.4	0	3.0
(For lateral rhinotomy, see specific application, e.g., 30118, 30320)			
EXCISION			
(For excision of nasopharyngeal fibroma, see 42880)			
(For biopsy of nasopharynx, see 42804)			
30100 Biopsy, intranasal	0.6	7	3.0
(For biopsy skin of nose, see 11100, 11101)			
30110 Excision of nasal polyp(s)((office-type procedure)) simple, unilateral	1.4	15	3.0
30111 bilateral	BR		3.0
30115 ((extensive, requiring hospitalization)) Excision, nasal polyp(s), extensive, unilateral	4.0	30	3.0
30116 bilateral	BR		3.0
30117 Excision, intranasal lesion; internal approach	BR		
30118 external approach (lateral rhinotomy)	BR		
30120 Excision or surgical planing of skin of nose for rhinophyma	10.0	60	3.0
30124 Excision dermoid cyst, nose, simple, skin, subcutaneous	2.5	0	4.0
30125 complex, under bone or cartilage	BR	30	4.0
30130 Excision turbinate, partial or complete	2.0	30	3.0
30140 Submucous resection turbinate, partial or complete	6.0	90	3.0
(For submucous resection of nasal septum, see 30500)			
30150 Rhinectomy, partial	BR		
30160 total	BR		
(For closure and/or reconstruction, primary or delayed, see integumentary System, 13150-13152, 14060-14300, 15120-15730, 15760, 20900-20910)			
INTRODUCTION			
*30200 Injection into turbinate(s), therapeutic	*0.48	0	
30210* Displacement therapy (Proetz type)	0.2	0	4.0
30220 Insertion, nasal septal prosthesis (button)	BR		4.0
REMOVAL FOREIGN BODY			
*30300 Removal foreign body, internasal, office type procedure	*0.4	0	3.0
30310 requiring general anesthesia	2.0	7	3.0
30320 by lateral rhinotomy	BR+		3.0
REPAIR			
(For obtaining tissues for graft, see 20900-20926, 21210)			
(See also repair-complex, 13000-15760 and 21210-21235)			
30400 Rhinoplasty, primary, lateral and alar cartilages and/or elevation of nasal tip	12.0	180	3.0

(For columellar reconstruction, see 13150 et seq.)

30410 complete, external parts including bony pyramid, lateral and alar cartilages, and/or elevation of nasal tip	18.0	180	3.0
30420 including major septal repair	20.0	180	3.0
30430 Rhinoplasty, secondary; minor revision (small amount of nasal tip work)	3.0	45	3.0
30435 intermediate revision (bony work with osteotomies)	BR	45	3.0
30450 major revision (nasal tip work and osteotomies)	BR		4.0
(((For total or major partial reconstruction, see 13000-15760, 21210-21235)))			
(((For nasal bridge collapse, bone or cartilage graft or alloplastic implant, see 21210-21235)))			
30500 Submucous resection nasal septum, classic	8.0	90	3.0
(For submucous resection of turbinates, see 30140)			
30520 Septoplasty with or without cartilage implant, (separate procedure)	10.0	90	3.0
30540 Repair choanal atresia; intranasal	11.0	60	3.0
30545 transpalatine	20.0	365	3.0
*30560 Lysis (synechia) intranasal synechia	*0.4	0	3.0
30580 Repair fistula; oromaxillary (combine with 31030 if antrotomy is included)	10.0	90	3.0
30600 oronasal	BR+		3.0
30620 Reconstruction, functional, internal nose (septal or other septal dermatoplasty) (does not include obtaining graft)	10.0	90	3.0
30630 Repair nasal septal perforations	BR		
DESTRUCTION			
*30800 Cauterization turbinates, unilateral or bilateral (separate procedure); superficial	*0.4	0	3.0
30805 intramural	1.4	7	3.0
30820 Cryosurgery of turbinates, unilateral or bilateral	BR		
OTHER PROCEDURES			
(((For reduction)) 30900 Control of ((fracture, see 21310-21335)) anterior nasal hemorrhage has been expanded into 30901-30904)			
*((30900))30901 Control nasal hemorrhage, ((nasal, with or without cauterization or anterior packs)) anterior, simple (cauterization); unilateral ((or bilateral))	*0.6	0	
30902 bilateral	*0.8		0
*30903 Control nasal hemorrhage, anterior, complex (cauterization); unilateral	BR		
*30904 bilateral	BR		
*30905 Control nasal hemorrhage, posterior, ((initial)) with posterior nasal packs, initial	*2.4	0	3.0
*30906 ((posterior)) subsequent((- with posterior nasal packs))	*1.6	0	3.0
30915 Ligation, arteries, ethmoidal	10.0	30	3.0
30920 internal maxillary artery, transantral	BR		
(For ligation external carotid artery, see 37600)			
30930 Fracture nasal turbinate(s) therapeutic	BR		
30999 Unlisted procedure, nose	BR		

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-105 ACCESSORY SINUSES.

	Unit Value	Follow-up Days=	Basic Anes@
INCISION			
*31000 Lavage by cannulation; maxillary sinus, unilateral (antrum puncture or natural ostium)	*0.4	0	3.0
*31001 maxillary sinuses, bilateral	*0.6	0	3.0
31002* sphenoid sinus	0.8	0	3.0
31020 Sinusotomy, maxillary (antrotomy); intranasal, unilateral	3.0	90	3.0
31021 intranasal, bilateral	6.0	90	3.0
31030 radical, unilateral (Caldwell-Luc) without removal of antrochoanal polyps	((+2.0)) 10.0	90	3.0
31031 radical, bilateral (Caldwell-Luc) without removal of antrochoanal polyps	((+6.0)) 12.0	90	3.0
31032 radical unilateral (Caldwell-Luc) with removal of antrochoanal polyps		11.0	3.0
31033 radical, bilateral (Caldwell-Luc) with removal of antrochoanal polyps		16.0	3.0
31040 Surgery on pterygomaxillary fossa contents by transantral approach	BR		
(For transantral ligation of internal maxillary artery, see 30920)			
31050 Sinusotomy, sphenoid	11.0	30	3.0
31070 Sinusotomy, frontal; external, simple (trephine operation)	10.0	30	3.0
31075 transorbital, unilateral (for mucocele or osteoma, Lynch type)	16.0	180	3.0
31080 obliterative without osteoplastic flap, brow incision	24.0	180	3.0
31081 obliterative, without osteoplastic flap, coronal incision	BR		
31084 obliterative, with osteoplastic flap, brow incision	BR		
31085 obliterative, with osteoplastic flap, coronal incision	BR		
31090 Sinusotomy combined, three or more sinuses	26.0	180	3.0
EXCISION			
31200 Ethmoidectomy, intranasal, anterior ...	6.0	90	3.0
31201 intranasal, total	10.0	90	3.0
31205 extranasal total	13.0	90	3.0
31225 Maxillectomy, without orbital exenteration	24.0	180	3.0
31230 with orbital exenteration (en bloc) ..	24.0	180	3.0
(For orbital exenteration as an independent procedure, see 65110 et seq.)			
(For skin grafts, see 15120 et seq.)			
OTHER PROCEDURES			
(For hypophysectomy, transeptal, see 61665)			
(For transcranial hypophysectomy, see 61546)			
31245 Transnasal pituitary procedure other than hypophysectomy	BR		
31299 Unlisted procedure, accessory sinuses ..	BR		

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-110 LARYNX.

	Unit Value	Follow-up Days=	Basic Anes@
EXCISION			

	Unit Value	Follow-up Days=	Basic Anes@
31300 Laryngotomy (thyrotomy, laryngofissure); with removal of tumor or laryngocele, cordectomy	16.0	90	6.0
31320 diagnostic	8.0	60	6.0
31360 Laryngectomy, total, without radical neck dissection	26.0	180	6.0
31365 total, with radical neck dissection ...	34.0	180	6.0
31367 subtotal supraglottic, without radical neck dissection	30.0	180	6.0
31368 subtotal supraglottic, with radical neck dissection	30.0	180	6.0
31370 Partial laryngectomy (hemilaryngectomy); horizontal	30.0	180	6.0
31375 laterovertical	20.0	180	6.0
31380 anterovertical	20.0	180	6.0
31382 antero-latero-vertical	20.0	180	6.0
31390 Pharyngolaryngectomy, with radical neck dissection; without reconstruction with reconstruction	BR		
31400 Arytenoidectomy or arytenoidopexy, external approach	20.0	180	6.0
(For endoscopic arytenoidectomy, see 31560)			
31420 Epiglottidectomy	16.0	180	6.0
INTRODUCTION			
31500 Intubation, endotracheal, emergency procedure	1.4	0	
(For injection procedure for bronchography, see 31656, 31708, 31710)			
ENDOSCOPY			
31505 Laryngoscopy, indirect (separate procedure); diagnostic	BR		
31510 with biopsy	BR		
31511 with removal of foreign body	BR		
31512 with removal of lesion	BR		
31513 with vocal cord injection	BR		
31515 Laryngoscopy, direct, for aspiration ...	0.6	0	
31520 diagnostic, newborn	2.4	7	4.0
31525 diagnostic, except newborn ...	4.0	7	4.0
31526 diagnostic, with operating microscope	BR		
31527 with insertion of obturator	BR		4.0
31528 with dilation, initial	BR		4.0
31529 with dilation, subsequent	BR		4.0
31530 Laryngoscopy, operative, with foreign body removal	6.0	30	4.0
31531 with operating microscope	BR		
31535 Laryngoscopy, operative, with biopsy, ..	6.0	30	4.0
31536 with operating microscope	BR		
31540 Laryngoscopy, operative, with excision of tumor and/or stripping of vocal cords or epiglottis,	6.0	90	4.0
31541 with operating microscope	BR		
31560 Laryngoscopy, operative, with arytenoidectomy,	15.0	90	4.0
31561 with operating microscope	BR		
31570 Laryngoscopy ((within)) with injection into vocal cord(s), therapeutic,	6.0	90	4.0
31571 with operating microscope	BR		
31575 Laryngoscopy, flexible fiberoptic, diagnostic	BR	90	4.0
31576 with biopsy	BR	90	4.0
31577 with removal of foreign body	BR	90	4.0
31578 with removal of lesion	BR	90	4.0
REPAIR			
31580 Laryngoplasty; for laryngeal web, two stage, with keel insertion and removal ..	BR		
31582 for laryngeal stenosis, with graft or core mold, including tracheotomy ...	BR		
31584 with open reduction of fracture	BR		
31585 Treatment of closed laryngeal fracture, without manipulation	BR		
31586 with closed manipulative reduction ..	BR		
31590 Laryngeal reinnervation by neuromuscular pedicle	BR	90	4.0
DESTRUCTION			

	Unit Value	Follow-up Days=	Basic Anes@
<u>31595 Section recurrent laryngeal nerve, therapeutic (separate procedure), unilateral</u>	<u>BR</u>	<u>90</u>	<u>4.0</u>

OTHER PROCEDURES

31599 Unlisted procedure, larynx.....	BR		
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AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-115 TRACHEA AND BRONCHI.

	Unit Value	Follow-up Days=	Basic Anes@
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INCISION

31600 Tracheostomy, <u>planned</u> (separate procedure);.....	5.4	15	5.0
31601 under two years	6.0	15	6.0
<u>31603 Tracheostomy, emergency procedure, transtracheal</u>	<u>BR</u>	<u>90</u>	<u>5.0</u>
31605 Cricothyroid(ostomy (separate procedure)) <u>membrane</u>	BR		
31610 Tracheostomy, fenestration procedure with skin flaps.....	7.0	15	4.0
(For endotracheal intubation, see 31500)			
(For tracheal aspiration under direct vision, see 31515)			
31612 Tracheal puncture, percutaneous for aspiration of mucus (transtracheal aspiration).....	BR		
<u>31613 Tracheostoma revision, simple, without flap rotation</u>	<u>BR</u>	<u>30</u>	<u>5.0</u>
<u>31614 complex, with flap rotation</u>	<u>BR</u>	<u>30</u>	<u>5.0</u>

ENDOSCOPY

31615 Tracheoscopy through established tracheostomy incision.....	BR		
31620 Bronchoscopy, diagnostic, rigid bronchoscope.....	3.6	30	4.0
31621 diagnostic, fiberoptic bronchoscope (flexible).....	3.6	7	5.0
31625 with biopsy, rigid bronchoscope.....	5.0	30	4.0
31626 with biopsy, fiberoptic bronchoscope (flexible).....	5.0	7	5.0
31627 with brushing, fiberoptic bronchoscope (flexible).....	5.0	7	5.0
31630 with tracheal or broncheal dilation or closed reduction of fracture.....	6.0	30	6.0
31635 with removal of foreign body.....	5.6	30	4.0
31640 with excision of tumor.....	5.0	30	4.0
31645 with therapeutic aspiration of tracheobronchial tree, initial.....	4.0	30	4.0
31646 with therapeutic aspiration of tracheobronchial tree, subsequent ..	2.6	30	4.0

(For catheter aspiration of tracheobronchial tree at bedside, see 31725)

31650 with drainage of lung abscess or cavity, initial.....	4.0	30	4.0
31651 with drainage of lung abscess or cavity, subsequent.....	2.6	30	4.0
31656 with injection of contrast material for segmental bronchography (fiberscope only).....	4.0	30	4.0
31659 with other bronchoscopic procedures ..	BR		

INTRODUCTION

(For endotracheal intubation, see 31500)

(For tracheal aspiration under direct vision, see 31515)

31700 Catheterization transglottic (separate procedure).....	3.6	0	
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	Unit Value	Follow-up Days=	Basic Anes@
31708 Instillation of contrast material for laryngography or bronchography, without catheterization.....	0.9	0	
31710 Catheterization for bronchography, with or without instillation of contrast material.....	0.8	0	

(For bronchoscopic catheterization for bronchography, fiberscope only, see 31656)

31715 Transtracheal injection for bronchography.....	0.8	0	
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(For detention time, see 99150, 99151)

31717 Catheterization with bronchial brush biopsy.....	BR		
31719 Transtracheal (percutaneous) introduction of indwelling tube for therapy (tickler tube).....	BR		
31720 Catheter aspiration (separate procedure); nasotracheobronchial.....	0.8	0	
31725 tracheobronchial with fiberscope, bedside.....	1.0	0	

REPAIR

31750 Tracheoplasty, cervical.....	BR+		6.0
31755 tracheopharyngeal fistulization (Asai technique), each stage.....	BR+		6.0
31760 intrathoracic.....	BR+		12.0
31770 Bronchoplasty; graft repair.....	BR+		11.0
31775 excision stenosis and anastomosis.....	BR+		11.0

(For lobectomy and bronchoplasty, see 32485)

31780 Excision tracheal stenosis and anastomosis; cervical.....	BR		
31781 cervicothoracic.....	BR		
31785 Excision of tracheal tumor or carcinoma; cervical.....	BR		
31786 thoracic.....	BR		

SUTURE

31800 Suture of external tracheal wound or injury; cervical.....	BR+		6.0
31805 intrathoracic.....	BR+		12.0
31820 Surgical closure tracheostomy or fistula; without plastic repair.....	4.0	30	4.0
31825 with plastic repair.....	6.0	30	4.0

(For repair of tracheoesophageal fistula, see 43305-43310)

31830 Revision of tracheostomy scar.....	5.60	30	4.0
31899 Unlisted procedure, trachea, bronchi ..	BR		

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-120 HEART AND PERICARDIUM.

	Unit Value	Follow-up Days=	Basic Anes@
(For monitoring, operation of pump and other nonsurgical services, see 99150, 99151, 99160-99162, 99190-99192)			
(For other medical or laboratory related services, see appropriate section)			

PERICARDIUM

33010* Pericardiocentesis, initial.....	1.2	0	
33011* subsequent.....	1.0	0	
33015 Tube pericardiostomy.....	BR		
33020 Pericardiostomy for removal of clot or foreign body (primary procedure).....	20.0	90	13.0
33025 Creation of pericardial window or partial resection for drainage.....	20.0	15	1.5
33030 Partial resection for chronic constrictive pericarditis, without bypass.....	30.0	90	1.5
33035 Complete ventricular decortication, with bypass.....	40.0	90	1.5

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@
33050	Excision of pericardial cyst or tumor ...	20.0	90	1.3			
33100	Pericardiectomy (separate procedure) ..	34.0	90	15.0			
CARDIAC TUMOR							
33120	Excision of intracardiac tumor, resection with bypass	50.0	90	15.0			
33130	Resection of external cardiac tumor	25.0	90	12.0			
	(For injection procedure for coronary arteriography, see 36230)						
	(For cardiac catheterization, see 93500-93566)						
	(For electronic analysis of internal pacemaker system, see 93795, 93796)						
	(For fluoroscopy and radiography procedure with insertion of pacemaker, see 71090)						
33200	Insertion of permanent pacemaker with epicardial electrode, by thoracotomy ...	24.0	90	15.0			
33201	by xiphoid approach	24.0	90	15.0			
33205	Insertion of permanent pacemaker with transvenous electrodes	14.0	90				
33210	Insertion of temporary transvenous cardiac electrode, or pacemaker catheter (separate procedure)	7.0	15	Sv. &			
33212	Insertion or replacement of pulse generator only	4.0	30	6.0			
33216	Insertion, replacement, or repositioning of permanent transvenous electrodes only (15 days or more after initial insertion) .	8.0	30	6.0			
33218	Repair of pacemaker, electrodes only ...	5.0	30	6.0			
33219	with replacement of pulse generator ...	BR					
WOUNDS OF THE HEART AND GREAT VESSELS							
33300	Repair of cardiac wound, without bypass	24.0	90	15.0			
33305	with bypass	30.0	90	15.0			
33310	Cardiotomy, exploratory (includes removal of foreign body); without bypass .	22.0	90	15.0			
33315	with bypass	34.0	90	15.0			
33320	Suture repair of aorta or great vessels; without bypass	20.0	90	15.0			
33322	with bypass	30.0	90	15.0			
33330	Insertion of graft; without bypass	30.0	90	15.0			
33335	with bypass	40.0	90	15.0			
33350	Great vessel repair with other major procedure	BR		15.0			
CARDIAC VALVES AORTIC VALVE							
33400	Valvuloplasty, aortic valve, open, with bypass	50.0	90	15.0			
33405	Replacement, aortic valve	52.0	90	15.0			
33407	Valvotomy, aortic valve (commissurotomy); with bypass	BR					
33408	with inflow occlusion	BR					
	(For multiple valve replacement, see 33480-33492)						
33415	Resection of aortic valve for subvalvular stenosis	40.0	90	15.0			
33417	Aortoplasty (gusset) for supra- valvular stenosis	40.0	90	15.0			
MITRAL VALVE							
33420	Valvotomy, mitral valve (commissurotomy); closed	32.0	90	15.0			
33422	open, with bypass	50.0	90	15.0			
33425	Valvuloplasty, mitral valve, with bypass	52.0	90	15.0			
33430	Replacement, mitral valve, with bypass .	52.0	90	15.0			
TRICUSPID VALVE							
33450	Valvotomy, tricuspid valve (commissurotomy); closed	32.0	90	15.0			
33452	open, with bypass	50.0	90	15.0			
33460	Valvuloplasty or valvectomy, tricuspid valve, with bypass;	50.0	90	15.0			
33465	replacement	52.0	90	15.0			
	(For multiple valve replacement, see 33480-33492)						
33468	Tricuspid valve repositioning and plication for Ebstein anomaly	50.0	90	15.0			
PULMONARY VALVE							
33470	Valvotomy, pulmonary valve (commissurotomy); closed (transventricular)	32.0	90	15.0			
33472	open, with inflow occlusion	32.0	90	15.0			
33474	open, with bypass	50.0	90	15.0			
33476	Right ventricular resection for infundibular stenosis, with or without commissurotomy	50.0	90	15.0			
33478	Outflow tract augmentation (gusset), with or without commissurotomy or infundibular resection	52.0	90	15.0			
MULTIPLE VALVE PROCEDURES							
33480	Replacement and/or repair, double valve procedure, by methods 33400-33465 ...	70.0	90	15.0			
33481	Single valve replacement; with commissurotomy or valvuloplasty of another valve	56.0	90	15.0			
33482	with commissurotomy or valvuloplasty of two valves	60.0	90	15.0			
33483	Double valve replacement;	65.0	90	15.0			
33485	with commissurotomy or valvuloplasty of one valve	67.0	90	15.0			
33490	Replacement and/or repair, triple valve procedure, by methods 33400 to 33465 .	80.0	90	15.0			
33492	Triple valve replacement	85.0	90	15.0			
CORONARY ARTERY PROCEDURES							
33502	Anomalous coronary artery; ligation	20.0	90	15.0			
33503	graft, without bypass	25.0	90	15.0			
33504	graft, with bypass	35.0	90	15.0			
33510	Coronary artery bypass, autogenous graft, e.g., saphenous vein or internal mammary artery; single artery	35.0	90	15.0			
	((33515))33511 two coronary arteries	(50.0)	90	15.0			
		56.0					
	((33518))33512 three ((or more)) coronary arteries	(55.0)	90	15.0			
		67.0					
33513	four coronary arteries	67.0	90	15.0			
33514	five coronary arteries	67.0	90	15.0			
33516	six or more coronary arteries	67.0	90	15.0			
	(For separate procurement of autogenous graft, see modifier -75, services rendered by more than one physician)						
33520	Coronary artery bypass, nonautogenous graft (e.g., synthetic or cadaver); single artery	30.0	90	15.0			
33525	two coronary arteries	35.0	90	15.0			
33528	three or more coronary arteries	50.0	90	15.0			
33532	Myocardial implantation, one or more systemic arteries (Vineberg type operation)	25.0	90	15.0			
POSTINFARCTION MYOCARDIAL PROCEDURES							
33542	Myocardial resection (e.g., ventricular aneurysmectomy)	35.0	90	15.0			
33545	Repair of postinfarction ventricular septal defect, with or without myocardial resection	50.0	90	15.0			
33560	Myocardial operation combined with coronary bypass procedure	BR					
33570	Coronary angioplasty (end arterectomy, with or without gas, arterial implantation or anastomosis), with bypass;	60.0	90	15.0			
33575	combined with vascularization	68.0	90	15.0			
SEPTAL DEFECT							
33640	Repair atrial septal defect, secundum; without bypass	32.0	90	15.0			
33641	with bypass	46.0	90	15.0			
33643	patch closure, with or without anomalous pulmonary venous drainage	30.0	90	15.0			
33645	Direct or patch closure, sinus venosus, with or without anomalous pulmonary venous drainage	30.0	90	15.0			

	Unit Value	Follow-up Days=	Basic Anes@
33649 Repair of tricuspid atresia (e.g., Fontan, Gago procedures)	BR		
33660 Patch closure, endocardial cushion defect, with or without repair of mitral and/or tricuspid cleft;	50.0	90	15.0
33665 with repair of separate ventricular septal defect	35.0	90	15.0
33670 Repair of complete atrioventricular canal, with or without prosthetic valve	50.0	90	15.0
33681 Closure ventricular septal defect; direct .	35.0	90	15.0
33682 patch	50.0	90	15.0
33684 with pulmonary valvotomy or infundibular resection (acyanotic)....	50.0	90	15.0
33688 with removal of pulmonary artery band, with or without gusset	5.0		
33690 Banding of pulmonary artery	15.0	90	15.0
33692 Total repair tetralogy of Fallot; intact outflow tract	50.0	90	15.0
33694 with outflow tract gusset	50.0	90	15.0
33696 with closure of previous shunt	8.0		

SINUS OF VALSALVA

33702 Repair sinus of Valsalva fistula, with bypass,	50.0	90	15.0
33710 with repair of ventricular septal defect	35.0	90	15.0
33720 Repair sinus of Valsalva aneurysm, with bypass	50.0	90	15.0

TOTAL ANOMALOUS PULMONARY VENOUS DRAINAGE

33730 Complete repair of anomalous venous return (supracardiac, intracardiac, or infracardiac types)	50.0	90	15.0
(For partial anomalous return, see atrial septal defect)			

SHUNTING PROCEDURES

33735 Atrial septectomy, closed (Blalock-Hanlon type operation)	32.0	90	15.0
33737 open, with inflow occlusion	40.0	90	15.0
33738 transvenous method, balloon, Rashkind type (includes cardiac catheterization)	50.0	90	15.0
33750 Shunt, subclavian to pulmonary artery (Blalock-Taussig type operation)	30.0	90	15.0
33755 ascending aorta to pulmonary artery (Waterston type operation)	30.0	90	15.0
33762 descending aorta to pulmonary artery (Potts-Smith type operation)	30.0	90	15.0
33766 vena cava to pulmonary artery (Glenn type operation)	30.0	90	15.0

TRANSPOSITION OF THE GREAT VESSELS

33782 Repair transposition of great vessels, atrial baffle procedure (Mustard type); with bypass	50.0	90	15.0
33783 with removal of pulmonary artery band, with or without gusset	50.0	90	15.0
33784 with closure of ventricular septal defect	50.0	90	15.0

TRUNCUS ARTERIOSUS

33786 Total repair, truncus arteriosus (Rastelli type operation)	50.0	90	15.0
33788 Replant pulmonary artery for hemitruncus	30.0	90	15.0
(For pulmonary artery band, see 33690)			

AORTIC ANOMALIES

33802 Division of aberrant vessel (vascular ring);	18.0	90	15.0
33803 with reanastomosis	20.0	90	15.0
33810 Creation of aortopulmonary window; without bypass	20.0	90	15.0
33812 with bypass	30.0	90	15.0
33820 Patent ductus arteriosus, ligation (primary procedure)	15.0	90	15.0
33822 division, under 18 years	18.0	90	15.0
33824 division, 18 years and older	20.0	90	15.0
33830 ligation or division when performed with another procedure	5.0		

	Unit Value	Follow-up Days=	Basic Anes@
33840 Excision of coarctation of aorta, with or without associated patent ductus arteriosus, with direct anastomosis	20.0	90	15.0
33845 with graft	30.0	90	15.0
33850 with shunt, left subclavian to descending aorta (Blalock-Park type operation)	30.0	90	15.0

THORACIC AORTIC ANEURYSM

33860 Ascending aorta graft, with bypass, with or without valve suspension	40.0	90	15.0
33865 with valve replacement	50.0	90	15.0
33870 Transverse arch graft, with bypass	60.0	90	15.0
33875 Descending thoracic aorta graft, with or without bypass	20.0	90	15.0

PULMONARY ARTERY

33910 Pulmonary artery embolectomy, with bypass	30.0	90	15.0
33915 without bypass	20.0	90	15.0

MISCELLANEOUS

33950 Cardiac transplantation, including removal of donor heart	BR		
33960 Prolonged extracorporeal circulation for cardiopulmonary insufficiency	BR		
33970 Intra-aortic balloon counterpulsation; insertion and removal	10.0	10	29
33972 monitoring only	BR		
33999 Unlisted procedure, cardiac surgery	BR		

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-135 LYMPH NODES AND LYMPHATIC CHANNELS.

	Unit Value	Follow-up Days=	Basic Anes@
INCISION			
*38300 Drainage of lymph node abscess or lymphadenitis, simple	*0.6	0	3.0
38305 extensive	BR+		3.0
38308 Lymphangiectomy or other operations on lymphatic channels	BR		
38380 Suture and/or ligation of thoracic duct; cervical approach	BR		
38381 thoracic approach	BR		
EXCISION			
38500 Biopsy or excision of lymph node, unspecified (separate procedure)	1.4	15	3.0
38510 deep, cervical node	3.4	30	3.0
38520 deep cervical node with excision scalene fat pad	5.0	30	3.0
38530 internal mammary node (separate procedure)	7.0	60	3.0
38540 Dissection; deep cervical node	BR	60	3.0
38542 deep jugular node	BR	60	3.0
<u>(For radical cervical neck dissection, see 38720, 38721)</u>			
38550 Excision of cystic hygroma, axillary or cervical, without deep neurovascular dissection; simple	6.0	60	3.0
38555 complex	BR+		3.0

RADICAL LYMPHADENECTOMY (RADICAL RESECTION OF LYMPH NODES)

38700 Suprahoid lymphadenectomy, unilateral	12.0	60	4.0
38701 bilateral	15.0	60	4.0
38720 Cervical lymphadenectomy (complete); unilateral	19.0	60	4.0
38721 bilateral	22.0	60	4.0
38740 Axillary lymphadenectomy, superficial .	8.0	60	3.0
38745 complete	14.0	60	3.0
38760 Inguinofemoral lymphadenectomy, superficial, including Cloquet's node (separate procedure); unilateral	8.0	60	3.0

	Unit Value	Follow-up Days=	Basic Anes@
38761 bilateral	12.0	60	3.0
38765 Inguinofemoral lymphadenectomy, superficial, in continuity with pelvic lymphadenectomy, including external iliac hypogastric and obturator nodes (separate procedure); unilateral	20.0	60	5.0
38766 bilateral	24.0	60	5.0
38770 Pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes (separate procedure); unilateral	12.0	60	6.0
38771 bilateral	20.0	60	6.0
38780 Retroperitoneal lymphadenectomy, extensive, including pelvic, aortic, and renal nodes (separate procedure)	28.0	90	7.0

(For excision and repair of lymphedematous skin and subcutaneous tissue, see 15000, 15500-15730)

INTRODUCTION

38790 Injection procedure for lymphangiography, unilateral	3.0	7	
38791 bilateral	4.0	7	
38794 Cannulation, thoracic duct	BR		
38999 Unlisted procedure, hemic or lymphatic system	BR		

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-150 TONGUE, FLOOR OF MOUTH.

	Unit Value	Follow-up Days=	Basic Anes@
INCISION			
*41000 Incision and drainage of intraoral abscess, cyst, or hematoma of tongue or floor of mouth, lingual	*0.4	0	3.0
41005* sublingual, superficial	0.4	0	4.0
41006 sublingual, deep, suprathylohyoid	BR	0	4.0
41007 submental space	BR	0	4.0
41008 submandibular space	BR	0	4.0
41009 masticator space	BR	0	4.0
41010 Incision of lingual frenum (frenotomy)	0.4	15	4.0
41015 Incision and drainage of extraoral abscess, cyst, or hematoma of floor of mouth; sublingual	0.6	15	4.0
41016 submental	BR		4.0
41017 submandibular	BR		4.0
41018 masticator space	BR		4.0

(For frenoplasty, see 41520)

EXCISION

41100 Biopsy of tongue, anterior two-thirds	1.0	15	3.0
41105 posterior one-third	0.6	15	3.0
41108 Biopsy, floor of mouth	1.0	15	4.0
41110 Excision lesion of tongue, without closure	BR		4.0
41112 with closure, anterior two-thirds	BR		4.0
41113 with closure, posterior one-third	BR		4.0
41115 Excision of lingual frenum (frenectomy)	BR		4.0
41116 Excision lesion of floor of mouth	BR		4.0
41120 Glossectomy; less than one-half tongue	8.0	120	6.0
41130 Hemiglossectomy	12.0	120	6.0
41135 partial, with unilateral radical neck dissection	20.0	120	6.0
41140 complete or total, with or without tracheostomy, without radical neck dissection	18.0	120	6.0
41145 complete or total, with or without tracheostomy, with unilateral radical neck dissection	26.0	120	6.0
41150 composite procedure with resection floor of mouth and mandibular resection, without radical neck dissection	BR+		6.0
41153 composite procedure with resection floor of mouth, with suprahyoid neck dissection	BR	120	6.0

41155 composite procedure with resection floor of mouth, mandibular resection, and radical neck dissection (Commando type)	BR	120	6.0
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REPAIR

41250* Repair laceration up to 2 cm; floor of mouth and/or anterior two-thirds of tongue	1.0	0	4.0
41251* posterior one-third of tongue	1.0	0	4.0
41252* Repair laceration of tongue, floor of mouth, over 2 cm or complex	BR		4.0

OTHER PROCEDURES

41500 Fixation tongue, mechanical, other than suture (e.g., K-wire)	5.0	30	3.0
41510 Suture tongue to lip for micrognathia (Douglas type procedure)	10.0	30	3.0
41520 Frenoplasty (surgical revision of frenum, e.g., with Z-plasty)	BR		
(For frenotomy, see 40806, 41010)			
41599 Unlisted procedure, tongue, floor of mouth	BR		
(For plastic repair of tongue, see 13000-15760)			
(For frenuloplasty, see 13000, 13140, 14040)			
(For suture of injury, see 12020, 12140, 12240, 13000-13300)			

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-190 STOMACH.

	Unit Value	Follow-up Days=	Basic Anes@
INCISION			
43500 Gastrotomy with exploration or foreign body removal	12.0	45	5.0
43510 with esophageal dilation and insertion of plastic tubes	BR		
43520 Pyloromyotomy, cutting of pyloric muscle (Fredet-Ramstedt type operation)	10.0	45	6.0
EXCISION			
43600 Biopsy of stomach; by capsule, tube, peroral (one or more specimens)	3.0	0	
43605 by laparotomy	12.0	45	5.0
43610 Local excision of ulcer or tumor	14.5	45	6.0
43620 Gastroctomy, total, including intestinal anastomosis	28.0	90	7.0
43625 with repair by intestinal transplant	34.0	90	7.0
43630 Hemigastroctomy or distal subtotal gastroctomy including pyloroplasty, gastroduodenostomy or gastrojejunostomy; without vagotomy	19.0	60	6.0
43635 with vagotomy, any type	21.0	60	6.0
43638 Hemigastroctomy or proximal subtotal gastroctomy, thoracic or abdominal approach	19.0	60	6.0
43640 Vagotomy and pyloroplasty, with or without gastrostomy	17.0	60	6.0
(For pyloroplasty, see 43800)			
(For vagotomy, see 64752-64760)			
ENDOSCOPY			
43700 Gastroscopy, fiberoptic, without esophagoscopy; diagnostic	4.0	7	3.0
43702 with biopsy and/or collection of specimen by brushing or washing for cytology	2.0	0	
43709 with removal of foreign body	3.0	7	3.0
43711 with removal of polyp(s)	5.0	7	3.0
43712 for control of hemorrhage	5.0	7	3.0

	Unit Value	Follow-up Days=	Basic Anes@
43714 with fulguration of mucosal lesion . . . (For esophagogastroduodenoscopy, see 43235-43264)	5.0	7	3.0

INTRODUCTION

*43760 Change of gastrostomy tube, simple . . .	BR		
*43765 complicated	BR		

SUTURE

43800 Pyloroplasty (For pyloroplasty and vagotomy, see 43640)	13.0	45	5.0
43810 Gastroduodenostomy	14.0	45	5.0
43820 Gastrojejunostomy	14.0	45	5.0
43825 with vagotomy any type	18.0	45	6.0
43830 Gastrostomy, temporary (tube, rubber, or plastic) (separate procedure);	13.0	45	5.0
43831 neonatal, for feeding	8.0	30	5.0
43832 Gastrostomy, permanent, with construction of gastric tube	16.0	45	5.0
43840 Gastrorrhaphy, suture of perforated duodenal or gastric ulcer, wound, or injury	13.0	45	6.0
43850 Revision of gastroduodenal anastomosis (gastroduodenostomy) with reconstruction, without vagotomy	20.0	60	5.0
43855 with vagotomy	23.0	60	6.0
43860 Revision of gastrojejunal anastomosis (gastrojejunostomy) with reconstruction, without vagotomy	20.0	60	5.0
43865 with vagotomy	23.0	60	6.0
43870 Closure of gastrostomy, surgical	12.0	45	5.0
43880 Closure of gastrocolic fistula	BR+		5.0
43885 Anterior gastropexy for hiatal hernia (separate procedure)	BR		
43999 Unlisted procedure, stomach	BR		

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-235 ABDOMEN, PERITONEUM AND OMENTUM.

	Unit Value	Follow-up Days=	Basic Anes@
INCISION			
49000 Exploratory laparotomy, exploratory celiotomy (separate procedure) (see WAC 296-22-010, item 7b)	10.0	45	4.0
49002 Reopening of recent laparotomy incision for exploration, removal of hematoma, control of bleeding			
49010 Exploration, retroperitoneal area (separate procedure)	10.0	45	5.0
49020 Drainage of peritoneal abscess or localized peritonitis, exclusive of appendiceal abscess, transabdominal (For appendiceal abscess, see 44900)	11.0	45	4.0
49040 Drainage of subdiaphragmatic or subphrenic abscess	12.0	45	5.0
49060 Drainage of retroperitoneal abscess	11.0	45	5.0
*49080 Peritoneocentesis, abdominal paracentesis, initial	*0.8	0	
*49081 subsequent	*0.6	0	
49085 Removal of peritoneal foreign body (For lysis of intestinal adhesions, see 44000)	BR		

EXCISION

49200 Excision of intra-abdominal or retroperitoneal tumors or cysts or endometriomas	14.0	60	5.0
49201 extensive	BR		
49250 Umbilectomy, omphalectomy, excision of umbilicus (separate procedure)	BR		

49255 Omentectomy, epiploectomy, resection of omentum (separate procedure)	BR		
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ENDOSCOPY

49300 Peritoneoscopy, without biopsy	4.0	15	3.0
49301 with biopsy	6.0	10	5.0
49302 Peritoneoscopy with guided transhepatic cholangiography, without biopsy	7.0	10	5.0
49303 with biopsy	8.0	10	((5.0)) 5.0

(For sterilization by laparoscopic technique, see 58982)

INTRODUCTION

*49400 Pneumoperitoneum, initial	*1.0	0	
*49401 subsequent	*0.6	0	
*49420 Insertion of intraperitoneal cannula or catheter for drainage or dialysis, temporary	*1.0	0	
49421 permanent	BR		
49425 Peritoneal-venous shunt (e.g., LeVeen shunt)	BR		3.0
49430 Injection procedure for retroperitoneal pneumography	2.4	0	
49440 Injection procedure for pelvic pneumography	0.8	0	

REPAIR

HERNIOPLASTY, HERNIORRHAPHY, HERNIOTOMY

(For bilateral herniorrhaphy or with bowel resection, see WAC 296-22-010, item 7)

(For reduction and repair of intra-abdominal hernia, see 44050)

49500 Repair inguinal hernia, under age 5 years, with or without hydrocelectomy; unilateral	7.0	45	3.0
49501 bilateral	9.5	45	3.0
49505 Repair inguinal hernia, age 5 or over; unilateral	9.0	45	3.0
49506 bilateral	12.0	45	3.0
49510 Repair of inguinal hernia, age 5 or over; unilateral, with orchiectomy, with or without implantation of prosthesis	9.5	45	3.0
49515 with excision of hydrocele or spermatocele	9.5	45	3.0
49520 recurrent	10.0	45	3.0
49525 sliding	10.0	45	3.0
49530 incarcerated	12.0	45	3.0
49535 strangulated	12.0	45	3.0
49540 Repair lumbar hernia	10.0	45	3.0
49550 Repair femoral hernia, groin incision; unilateral	9.0	45	3.0
49551 bilateral	14.0	45	3.0
49552 Repair femoral hernia, Henry approach, unilateral	10.0	45	3.0
49553 bilateral	15.0	45	3.0
49555 Repair femoral hernia, recurrent, any approach	10.0	45	3.0
49560 Repair ventral hernia (separate procedure);	11.0	45	3.0
49565 recurrent	12.0	45	3.0
49570 Repair epigastric hernia, properitoneal fat (separate procedure); simple	3.0	45	3.0
49575 complex	7.0	45	3.0
49580 Repair umbilical hernia, under age 5 years	7.0	45	3.0
49581 age 5 or over	8.5	45	3.0
49590 Repair spigelian hernia	9.0	45	3.0
49600 Repair of omphalocele; small, with primary closure	9.5	45	6.0
49605 large or gastroschisis, with or without prosthesis	14.5	60	9.0
49606 with staged closure of prosthesis, reduction in operating room, under anesthesia	BR		9.0
49610 Repair of omphalocele (Gross type operation); first stage	12.0	60	8.0
49611 second stage	12.0	60	7.0

(For diaphragmatic or hiatal hernia repair, see 39500-39531)

	Unit Value	Follow-up Days=	Basic Anes@
49630 Reduction of torsion, omentum	BR		
49635 Omentopexy for establishing collateral circulation in portal obstruction	BR		
49640 Omentoplasty (omental flap reconstruction for transfer of omentum with intact blood supply to thorax, neck or axilla)	BR		
SUTURE			
49900 Suture, secondary, of abdominal wall for evisceration or dehiscence	6.0	30	5.0
<i>(For suture of ruptured diaphragm, see 39540-39541)</i>			
49910 Suture of omentum, omentorrhaphy for wound or injury	BR		
49999 Unlisted procedure, abdomen, peritoneum and omentum	BR		

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-255 BLADDER.

	Unit Value	Follow-up Days=	Basic Anes@
INCISION			
51000 Aspiration of bladder by needle	0.4	0	
*51005 Aspiration of bladder, by trocar or intracatheter	*1.0	0	
51010 with insertion of suprapubic catheter	2.0	30	5.0
51020 Cystotomy or cystostomy, with fulguration and/or insertion of radioactive material	14.5	90	5.0
51030 with cryosurgical destruction of intravesical lesion	14.5	90	5.0
51040 Cystostomy, cystotomy with drainage	12.0	90	5.0
51045 Cystotomy, with insertion of ureteral catheter (separate procedure)	14.5	90	5.0
51050 Cystolithotomy, cystotomy with removal of calculus, without vesical neck resection	14.5	90	5.0
51060 Transvesical ureterolithotomy	19.0	90	5.0
51065 Cystotomy, with stone basket extraction of ureteral calculus	12.0	30	5.0
51080 Drainage of perivesical or prevesical space abscess	8.0	90	5.0
EXCISION			
51500 Excision of urachal cyst or sinus, with or without umbilical hernia repair	14.0	90	5.0
51520 Cystotomy, for simple excision of vesical neck (separate procedure)	16.0	90	5.0
51525 for excision of bladder diverticulum, single or multiple (separate procedure)	20.0	90	5.0
51530 for excision of bladder tumor	16.0	90	5.0
<i>(For transurethral excision, see 52200-52240)</i>			
51535 Cystotomy for excision, incision or repair of ureterocele, unilateral	16.0	90	5.0
51536 bilateral	18.0	90	5.0
<i>(For transurethral excision, see 52300)</i>			
51550 Cystectomy, partial, simple	18.0	90	6.0
51555 complicated (e.g., postirradiation, previous surgery, difficult location)	20.0	90	6.0
51565 Cystectomy, partial, with reimplantation of ureter(s) into bladder (ureter-aneocystostomy)	24.0	90	6.0
51570 Cystectomy, complete, (separate procedure)	26.0	90	6.0
51575 with bilateral pelvic lymphadenectomy, including external iliac, hypogastric and obturator nodes	34.0	90	6.0
51580 Cystectomy, complete with ureterosigmoidostomy or			

	Unit Value	Follow-up Days=	Basic Anes@
51585 ureterocutaneous transplantations, with bilateral pelvic lymphadenectomy, including external iliac, hypogastric and obturator nodes	34.0	120	7.0
51590 Cystectomy, complete, with ureteroileal conduit or sigmoid bladder, including bowel anastomosis;	40.0	120	7.0
51595 with bilateral lymphadenectomy, including external iliac, hypogastric and obturator nodes	44.0	120	7.0
51597 Pelvic exenteration, complete, for vesical, prostatic, or urethral malignancy, with removal of bladder and ureteral transplantations, with or without hysterectomy and/or abdominoperineal resection of rectum and colon and colostomy, or any combination thereof	50.0	120	7.0
<i>(For supplemental skills of two surgeons, see WAC 296-22-010, item 5b, and modifier -62)</i>			

INTRODUCTION

(For bladder catheterization, see 53670-53675)

51600 Injection procedure for cystography or voiding urethracystography	0.2	0	
51605 Injection procedure and placement of chain for contrast and/or chain urethrocystography	0.4	0	
51610 Injection procedure for retrograde urethrocystography	0.3	0	
<i>(For injection procedure for retroperitoneal pneumography, see 49430)</i>			
*51700 Bladder irrigation, simple, lavage and/or instillation	*0.2	0	
51705* Change of cystostomy tube, simple	0.3	0	
51710* complicated	BR		
51720 Bladder instillation of anticarcinogenic agent (including detention time)	0.8	0	

URODYNAMICS

The following section (51725-51796) lists procedures that may be used separately or in many and varied combinations. All of the presently known urodynamic procedures are listed as are some of their most frequently used combinations. When multiple procedures are performed in the same investigative session, modifier '-51' should be employed.

All procedures in this section imply that these services are performed by, or are under the direct supervision of, a physician and that all instruments, equipment, fluids, gases, probes, catheters, technician's fees, medications, gloves, trays, tubing and other sterile supplies be provided by the physician. When the physician only interprets the results and/or operates the equipment, a p.c. (professional component modifier '-26') should be used to identify physicians' services.

Only the urodynamic testing is included in this section. The nerve blocks that are listed may be pudendal, unilateral or bilateral; sacral, unilateral or bilateral, single or multiple, or subarachnoid and epidural of the sacral segments. They are listed in the neurosurgical section 62274-62279 and 64430-64441.

CYSTOMETROGRAM STUDIES (CMG)

Follow-
Unit up Basic
Value Days= Anes@

Unit Follow-
Value up Days=
Basic Anes@

As a single procedure (separate procedure) performed in any body position, including residual urine volume, volume at first urge to void, bladder capacity, tracing (if available), interpretation and report. (For simultaneous electromyogram see 51786 and 51788)

51725	Simple cystometrogram (e.g., spinal manometer).....	BR
51726	Complex cystometrogram (e.g., calibrated electronic equipment); with gas	
51727	with liquid.....	BR
51728	with simultaneous (rectal, gastric or intraperitoneal) "intra-abdominal" pressure.....	BR
51729	with voiding pressure.....	BR
51730	with simultaneous "intra-abdominal" and voiding pressure.....	BR
51731	before and after pharmacological testing, with gas.....	BR
51732	before and after pharmacological testing, with liquid.....	BR
51733	before and after nerve block, gas or liquid.....	BR

UROFLOWMETRIC STUDIES (UFR)

As a single procedure (separate procedure) performed in any body position, including volume, flow rate, and tracing (if available), interpretation and report. (For simultaneous electromyogram see 51787, 51788). (For simultaneous voiding pressure see 51795-51796)

EXTERNAL MEASUREMENTS

51736	Simple uroflowmetry (e.g., stop-watch flow rate, mechanical uroflowmeter); ..	BR
51737	before and after pharmacological testing.....	BR
51738	before and after nerve block.....	BR
51739	Sound recording of external stream (e.g., Lyons type).....	BR
51740	Cystometrogram (separate procedure).....	1.0 0
51750	Uroflowmetric evaluation (separate procedure).....	0.3 0))
51741	Electronic uroflowmetry (e.g., calibrated electronic equipment); initial recording.....	.8
51742	additional recordings.....	BR
51743	before and after pharmacological testing.....	BR
51744	before and after nerve block.....	BR
51746	Complex uroflowmetry (e.g., urodropspectrometry, urodynamometry, stream anemometry); initial recording ..	1.4
51747	additional recordings.....	BR
51748	before and after pharmacological testing.....	BR
51749	before and after nerve block.....	BR

INTERNAL STREAM MEASUREMENTS

51751	Continuous wave or pulsed Doppler of urethra during urination to determine local stream velocity, flow rate and urethral diameter; one voiding, one transducer.....	BR
51752	additional voidings, one transducer ..	BR
51753	additional transducers, one voiding ..	BR
51754	additional transducers, additional voidings.....	BR
51755	before and after pharmacological testing, one transducer.....	BR
(For additional transducers, see 51753, 51754)		
51756	before and after nerve block, one transducer.....	BR

(For additional transducers, see 51753, 51754)

51758	Rotating scan Doppler during urination to provide videotape or computer print-out of dynamic urethral cross section; one voiding.....	BR
51759	additional voidings.....	BR
51761	Acoustical measurements of urethra during urination to determine local velocity, flow rate, urethral diameter; one voiding, one transducer.....	BR
51762	additional voidings, one transducer ..	BR
51763	additional transducers, one voiding ..	BR
51764	additional transducers, additional voidings.....	BR
51765	before and after pharmacological testing, one transducer.....	BR
(For additional transducers, see 51763, 51764)		
51766	before and after nerve block, one transducer.....	BR
(For additional transducers, see 51763, 51764)		

51768	Urethral fluid conductance measurement during urination (e.g., to determine local urethral volume for presence of stricture or dynamic testing of sphincter action); one location, one voiding.....	BR
51769	additional locations.....	BR

URETHRAL PRESSURE PROFILE STUDIES - URETHRAL CLOSURE PRESSURE PROFILE (UPP)

As a single procedure (separate procedure) performed in any body position, including up to three recordings of urethral length and pressure, tracing (if available), interpretation and report. Any initial volume.

51772	Urethral pressure profile, gas or liquid; initial recording.....	BR
51773	additional recordings.....	BR
51774	Urethral pressure profile, gas or liquid, with simultaneous bladder pressure; initial recording.....	BR
51775	additional recordings.....	BR
51776	Urethral pressure profile, gas or liquid, with simultaneous (rectal, gastric, or intraperitoneal) "intra-abdominal" pressure; initial recording.....	BR
51777	additional recordings.....	BR
51778	Urethral pressure profile, gas or liquid, with simultaneous bladder and "intra-abdominal" pressure; initial recording ..	BR
51779	additional recordings.....	BR
51780	Urethral pressure profile, gas or liquid, before and after pharmacological testing; up to 6 recordings.....	BR
51781	additional recordings.....	BR
51782	Urethral pressure profile, gas or liquid, before and after nerve block; up to 6 recordings.....	BR
51783	additional recordings.....	BR

ELECTROMYOGRAPHIC STUDIES (EMG)

Anal or urethral sphincter, detrusor, urethra, perineum or abdominal musculature. (Usually not a separate procedure).

51785	Electromyography; one lead using needle, wire, anal plug or catheter.....	BR
51786	during cystometrogram.....	BR
51787	during uroflowmetry.....	BR
51788	during cystometrogram and uroflowmetry.....	BR
51789	additional leads.....	BR
51790	before and after pharmacological testing.....	BR
51791	before and after nerve block.....	BR
51792	Stimulus evoked response (e.g., measurement of bulbocavernosus reflex latency time).....	BR

VOIDING PRESSURE STUDIES - BLADDER VOIDING PRESSURE (VP)

	Unit Value	Follow-up Days=	Basic Anes@
<i>As a single procedure (separate procedure) performed in any body position, including residual fluid volume, bladder volume at time of voiding, tracing (if available), interpretation and report.</i>			
51795			
<u>Voiding pressure study with liquid or gas, with pressure probe inserted per urethra</u> BR			
51796			
<u>with pressure probe inserted per suprapubic puncture</u> BR			
<i>(For insertion of pressure probe by suprapubic puncture, see 51005)</i>			
<i>(For simultaneous CMG, see 51729, 51730)</i>			
<i>(For simultaneous UPP, see 51774, 51775, 51778, 51779)</i>			

REPAIR

51800	Cystoplasty or cystourethroplasty, plastic operation on bladder and/or vesical neck (anterior Y-plasty, vesical fundus resection), any procedure, with or without wedge resection of posterior vesical neck	20.0	90	5.0
51820	Cystourethroplasty with unilateral or bilateral ureteroneocystostomy	30.0	90	5.0
51840	Anterior vesicourethropey, or urethropey (Marshall-Marchetti type); simple	14.5	90	4.0
51841	complicated (e.g., secondary repair)	21.0	90	4.0
<i>(For urethropey (Peyreya type), see 57289)</i>				
51860	Cystorrhaphy, suture of bladder wound, injury or rupture, simple	14.5	90	4.0
51865	complicated	BR+		6.0
51880	Closure of cystostomy (separate procedure)	8.0	90	3.0
51900	Closure of vesicovaginal fistula, abdominal approach	22.0	90	5.0
<i>(For vaginal approach, see 57320-57330)</i>				
51920	Closure of vesicouterine fistula;	20.0	90	5.0
51925	with hysterectomy	20.0	90	5.0
<i>(For closure of vesicoenteric fistula, see 44660, 44661)</i>				
<i>(For closure of rectovesical fistula, see 45800-45805)</i>				
51940	Closure of exstrophy (see also 54390)	BR+		5.0
51960	Enterocystoplasty, including bowel anastomosis	30.0	90	5.0
<i>(For supplemental skills of two surgeons, see WAC 296-22-010, item 5b, and modifier -62)</i>				
51980	Cutaneous vesicostomy	18.0	90	5.0

ENDOSCOPY - CYSTOSCOPY, URETHROSCOPY, CYSTOURETHROSCOPY

NOTES

Endoscopic descriptions are listed so that the main procedure can be identified without having to list all the minor related functions performed at the same time. For example: meatotomy, urethral calibration and/or dilation, urethroscopy, and cystoscopy prior to a transurethral resection of prostate; ureteral catheterization following extraction of ureteral calculus; internal urethrotomy and bladder neck fulguration when performing a cystourethroscopy for the female urethral syndrome. When the secondary procedure requires significant additional time and effort, it may be identified by the addition of modifier '-22.' For example:

	Unit Value	Follow-up Days=	Basic Anes@	
Urethrotomy performed for a documented pre-existing stricture or bladder neck contracture.				
52000	Cystourethroscopy (separate procedure), office,	1.2	7	3.0
52005	with ureteral catheterization, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service	1.6	7	3.0
52007	with ureteral catheterization and brush biopsy of ureter or renal pelvis for cytology	BR	3	3.0
52010	with ejaculatory duct catheterization	1.6	7	
52100	Cystourethroscopy, hospital	2.0	7	3.0
52105	with ureteral catheterization, with or without irrigation, instillation, or ureteropyelography exclusive of radiologic service	3.6	7	3.0
52107	with ureteral catheterization and brush biopsy of ureter or renal pelvis for cytology	BR	3	3.0
52110	with ejaculatory duct catheterization	3.6	7	3.0
52190	Differential quantitative and chemical renal function test (Howard or Stamey type)	SV.&		3.0
TRANSURETHRAL SURGERY (URETHRA, PROSTATE, BLADDER, URETER)				
52202	Cystourethroscopy, with biopsy, hospital	2.6	7	3.0
52204	office	2.0	7	3.0
52212	Cystourethroscopy, with fulguration (including cryosurgery) of trigone, bladder neck, prostatic fossa, urethra, or periurethral glands; hospital	2.6	7	3.0
52214	office	2.0	7	3.0
52222	Cystourethroscopy, with fulguration (including cryosurgery) or treatment of MINOR (less than 0.5 cm) lesion(s), with or without biopsy; hospital	2.6	7	3.0
52224	office	2.0	7	3.0
52232	Cystourethroscopy, with fulguration (including cryosurgery) and/or resection of SMALL bladder tumor(s) (0.5 cm to 2.0 cm); hospital	6.0	30	3.0
52234	office	5.0	30	3.0
52235	Cystourethroscopy, with fulguration (including cryosurgery) and/or resection of, MEDIUM bladder tumor(s) (2.0-5.0 cm)	12.0	30	3.0
52240	LARGE bladder tumor(s)	18.0	30	5.0
52250	Cystourethroscopy with insertion of radioactive substance, with or without biopsy or fulguration	6.0	30	3.0
52260	Cystourethroscopy, with dilation of bladder for interstitial cystitis; general or conduction (spinal) anesthesia	3.0	30	3.0
52265	local anesthesia	1.4	7	
52270	Cystourethroscopy, with internal urethrotomy; female	4.0	45	3.0
52275	male	4.0	45	3.0
52276	<u>Cystourethroscopy, with direct vision internal urethrotomy</u>	4.0	45	3.0
52277	Cystourethroscopy, with resection of external sphincter (sphincterotomy)	6.0	30	3.0
52280	Cystourethroscopy, with calibration and/or dilation of urethral stricture or stenosis, with or without meatotomy, and injection procedure for cystography male or female; hospital	3.0	7	3.0
52281	office	2.4	7	
52282	Cystourethroscopy, with steroid injection into stricture; hospital	3.2	7	3.0
52283	office	2.0	7	
52285	Cystourethroscopy for treatment of the female urethral syndrome with any or all of the following: urethral meatotomy, urethral dilation, internal urethrotomy, lysis of urethrovaginal septal fibrosis, lateral incisions of the			

	Unit Value	Follow-up Days=	Basic Anes@
bladder neck, and fulguration of urethral polyps, bladder neck, and trigone	3.4	7	3.0
52290 Cystourethroscopy, with ureteral meatotomy, unilateral or bilateral	4.0	30	3.0
52300 with resection or fulguration of ureterocele, unilateral or bilateral	6.0	30	3.0
52305 with incision or resection of orifice of bladder diverticulum, single or multiple	6.0	30	3.0
52310 Cystourethroscopy, with removal of foreign body or calculus from urethra or bladder, simple	4.0	30	3.0
52315 complicated	BR+		3.0
52320 Cystourethroscopy, with removal of ureteral calculus	7.0	30	3.0
52330 with manipulation, without removal of ureteral calculus	5.0	30	3.0
52332 with insertion of indwelling ureteral stent (e.g., Gibbons type)	BR	7	3.0
52335 Cystourethroscopy, with ureteroscopy and/or pyeloscopy	4.2	7	3.0
52340 Cystourethroscopy, with incision, fulguration or resection of bladder neck and/or posterior urethra (congenital valves, obstructive hypertrophic mucosal folds)	6.0	30	3.0
52500 Transurethral resection of bladder neck, (separate procedure)	10.0	90	4.0
52601 Transurethral resection of prostate, including control of post-operative bleeding during the hospitalization, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, and internal urethrotomy are included)	20.0	90	5.0
52605 Transurethral fulguration for postoperative bleeding after leaving hospital, (in hospital)	4.2	0	3.0
52606 office	2.4	0	
(For other approaches, see 55801-55845)			
52612 Transurethral resection of prostate, first stage of two-stage resection (partial resection)	15.0	90	5.0
52614 second stage of two-stage resection (resection completed)	11.0	90	5.0
52620 Transurethral resection, of residual obstructive tissue after 90 days postoperative	6.0	90	5.0
52630 of regrowth of obstructive tissue longer than one year postoperative	20.0	90	5.0
52640 of postoperative bladder neck contracture	10.0	90	5.0
52650 Transurethral cryosurgical removal of prostate (postoperative irrigations and aspirations of sloughing tissue included)	20.0	120	5.0
52700 Transurethral drainage of prostatic abscess	8.0	60	5.0
52800 Litholapaxy, crushing of calculus in bladder and removal of fragments, simple, small (less than 2.5 cm)	10.0	30	3.0
52805 complicated or large (over 2.5 cm)	14.0	30	3.0

FEMALE GENITAL SYSTEM

(For pelvic laparotomy, see 49000)

(For endometriomas resection, see 49200, 49201)

(For paracentesis, see 49080, 49081)

(For injection procedure for pelvic pneumography, see 49440)

(For secondary closure of abdominal wall evisceration or disruption, see 49900)

(For chemotherapy, see 90790-90793)

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-333 OVIDUCT.

	Unit Value	Follow-up Days=	Basic Anes@
INCISION			
58600 Transection of fallopian tube, abdominal or vaginal approach, unilateral or bilateral	12.0	45	4.0
58605 Transection of fallopian tube, abdominal or vaginal approach, postpartum, during same hospitalization (separate procedure)	7.0	45	4.0
(For laparoscopic procedures, see 58980-58987)			
((58610 Ligation of fallopian tube(s)..... BR))			
58611 Ligation or transection of fallopian tube(s) when done at the time of Cesarean section or intra-abdominal surgery (not a separate procedure. INCLUDED IN MAJOR PROCEDURE			
58615 Occlusion of fallopian tube(s) by device (e.g., band, clip, Falope ring) vaginal or suprapubic approach	BR		4.0
(For laparoscopic approach, see 58983)			
58618 Lysis of adnexal adhesions other than by laparoscopy	BR		
(For laparoscopic approach, see 58985)			

EXCISION

58700 Salpingectomy, complete or partial, unilateral or bilateral (separate procedure)	12.0	45	4.0
58720 Salpingo-oophorectomy, complete or partial, unilateral or bilateral (separate procedure)	12.0	45	4.0
58740 Salpingoplasty, unilateral or bilateral (separate procedure)	14.0	45	4.0

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-340 MATERNITY CARE AND DELIVERY.

NOTES

The services normally required in uncomplicated maternity cases include antepartum care, delivery and postpartum care.

Antepartum care includes usual prenatal services (initial and subsequent history, physical examinations, recording of weight, blood pressure, fetal heart tones, routine chemical urinalyses, maternity counseling).

Delivery includes vaginal delivery (with or without episiotomy, with or without forceps or breech delivery)

or Cesarean section, and resuscitation of new born infant when necessary.

Postpartum care includes hospital and office visits following vaginal or Cesarean section delivery.

For medical complications of pregnancy (toxemia, cardiac problems, neurological problems or other problems requiring additional or unusual services or requiring hospitalization), see services in MEDICINE section. For surgical complications of pregnancy not listed below, see appropriate procedures in SURGERY.

If a physician provides all or part of the antepartum and/or postpartum patient care but does not perform the delivery due to termination of pregnancy by abortion or referral to another physician for delivery, see 59420-59430.

(For circumcision of newborn, see 54150-54160)

	Unit Value	Follow-up Days=	Basic Anes@
INCISION			
59000 Amniocentesis for diagnostic purposes, abdominal approach	1.0	0	
59010* Amnioscopy	1.0	0	
59011* Amnioscopy (intraovular)	BR	0	
59020* Fetal oxytocin stress test	1.0	0	
59025 Fetal nonstress test	1.0	0	
59030* Fetal scalp blood sampling	1.0	0	
59031* repeat	0.5	0	
59050 Initiation and/or supervision of internal fetal monitoring during labor by consultant	1.0	0	
EXCISION			
59100 Hysterotomy, abdominal, for removal of hydatidiform mole	14.0	45	5.0
59101 with tubal ligation	14.0	45	6.0
59105 Hysterotomy, abdominal, for legal abortion	16.0	45	6.0
59106 with tubal ligation	18.0	45	6.0
EXCISION			
59120 Surgical treatment of ectopic pregnancy, tubal, requiring salpingectomy and/or oophorectomy, abdominal or vaginal approach	14.0	45	5.0
59121 tubal, without salpingectomy and/or oophorectomy	BR		
59125 ovarian, requiring oophorectomy and/or salpingectomy	BR+		5.0
59126 ovarian, without oophorectomy and/or salpingectomy	BR		
59130 abdominal	BR+		5.0
59135 interstitial, uterine pregnancy requiring hysterectomy, total or subtotal	BR+		5.0
59140 cervical	BR+		5.0
59160 Dilation and curettage for postpartum hemorrhage (separate procedure)	4.0	15	3.0
INTRODUCTION			
(For intrauterine fetal transfusion, see 36460)			
(For introduction of hypertonic solution and/or prostaglandins to initiate labor, see 59850)			
REPAIR			
(For tracheloplasty, see 57700)			
59300 Episiotomy or vaginal repair only, by other than delivering physician, simple	2.0	0	3.0
59305 extensive	BR+		3.0
59350 Hysterorrhaphy of ruptured uterus, (separate procedure)	BR		

	Unit Value	Follow-up Days=	Basic Anes@
59351 following dilation and curettage, including both procedures	BR		
DELIVERY, ANTEPARTUM AND POSTPARTUM CARE			
59400 Total obstetrical care (all-inclusive, "global" care) includes antepartum care, vaginal delivery (with or without episiotomy, and/or forceps or breech delivery) and postpartum care	8.0	45	3.0
59410 Vaginal delivery only (with or without episiotomy, forceps or breech delivery) including in-hospital postpartum care (separate procedure)	4.0	45	3.0
59420 Antepartum care only (separate procedure)	Sv.&		
59430 Postpartum care only (separate procedure)	Sv.&		
CESAREAN SECTION			
(For standby attendance of infant, see 99151)			
59500 Cesarean section, low cervical, including in-hospital postpartum care, (separate procedure)	10.0	7	5.0
59501 including antepartum and postpartum care	13.0	45	5.0
59520 Cesarean section, classic, including in-hospital postpartum care, (separate procedure)	10.0	7	5.0
59521 including antepartum and postpartum care	13.0	45	5.0
59540 Cesarean section, extraperitoneal, including in-hospital postpartum care, (separate procedure)	12.0	7	5.0
59541 including antepartum and postpartum care	16.0	45	5.0
59560 Cesarean section with hysterectomy, subtotal, including in-hospital postpartum care, (separate procedure)	12.0	7	6.0
59561 including antepartum and postpartum care	16.0	45	6.0
59580 Cesarean section with hysterectomy, total, including in-hospital postpartum care, (separate procedure)	12.0	7	6.0
59581 including antepartum and postpartum care	16.0	45	6.0
ABORTION			
59800 Treatment of abortion, first trimester, completed medically	Sv.&		
59801 completed surgically (separate procedure)	4.0	45	3.0
59810 Treatment of abortion, second trimester, completed medically	Sv.&		
59811 completed surgically (separate procedure)	4.0	45	3.0
59820 Treatment of missed abortion, any trimester, completed medically or surgically	Sv.&		3.0
59830 Treatment of septic abortion	Sv.&		
59840 Legal (therapeutic) abortion, ((completed with)) by dilation and curettage, and/or vacuum extraction	6.0	45	3.0
59841 Legal (therapeutic) abortion, by dilation and evacuation	6.0	45	3.0
59850 Legal (therapeutic) abortion, by one or more intra-amniotic injections (amniocentesis-injections) (including hospital admission and visits, delivery of fetus and secundines)	6.0	45	5.0
59851 with dilation and curettage	BR		
59852 with hysterotomy (failed saline)	BR		
OTHER PROCEDURES			
59899 Unlisted procedure, maternity care and delivery	BR		

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-365 SKULL, MENINGES, AND BRAIN.

	Unit Value	Follow-up Days=	Basic Anes@
(For injection procedure for cerebral angiography, see 36100-36220)			
(For injection procedure for ventriculography, see 61025, 61030, 61120, 61130)			
(For injection procedure for pneumoencephalography, see 61053, 62286)			

PUNCTURE FOR INJECTION, DRAINAGE OR ASPIRATION

*61000 Subdural tap through fontanelle (infant); unilateral or bilateral; initial	*2.0	0	
*61001 subsequent taps	*1.4	0	
*61020 Ventricular puncture through previous burr hole, fontanelle, or implanted ventricular catheter/reservoir, without injection	*2.0	0	
61025 with gas injection procedure for ventriculography	5.0	7	7.0
61030 with injection procedure for positive contrast ventriculography	5.6	7	7.0
61045* with injection procedure of dye or radioactive material for CSF flow study, including lumbar puncture	5.6	7	7.0
*61050 Cisternal or lateral cervical puncture, (separate procedure)	*1.8	0	
61051* with injection of dye or drug	2.5	0	6.0
61052* with injection of gas or contrast media for myelography	3.0	0	6.0
61053* with injection of gas or contrast media for cisternography or pneumoencephalography	4.5	0	6.0
61070* Puncture of shunt tubing or reservoir for aspiration or injection procedure	2.0	0	0

BURR HOLE(S) OR TREPHINE

<u>61105</u> <u>Twist drill hole for subdural or ventricular puncture, not followed by other surgery</u>			<u>BR</u>
<u>61106</u> <u>followed by other surgery</u>			<u>BR</u>
61120 Burr hole(s) for ventricular puncture (including injection of gas, contrast media, dye, or radioactive material); not followed by other surgery	10.0	30	7.0
61130 followed by other surgery	7.0	0	
61140 Burr hole(s) or trephine, for biopsy of brain or intracranial lesion	20.0	0	5.0
61150 Burr hole(s) for drainage of brain abscess or cyst	24.0	90	9.0
61151 subsequent tapping/aspiration of intracranial abscess or cyst	2.0	0	4.0
61154 Burr hole(s); for evacuation and/or drainage of hematoma, extradural or subdural; unilateral	26.0	90	9.0
<u>61155</u> <u>bilateral</u>	<u>39.0</u>	<u>90</u>	<u>9.0</u>
61156 for aspiration of hematoma or cyst, intracerebral	25.0	90	9.0
61210 for implanting ventricular catheter, reservoir, or pressure recording device	8.0	30	7.0
61250 Burr hole(s) or trephine, supratentorial, exploratory, not followed by other surgery; unilateral	15.0	30	7.0
61251 bilateral	22.0	30	7.0
61253 Burr hole(s) or trephine, infratentorial, unilateral or bilateral	BR		
(If burr hole(s) or trephine followed by craniotomy at same operative session, use 61304-61321; do not use 61250, 61251, or 61253)			

CRANIECTOMY OR CRANIOTOMY

61304 Craniectomy or craniotomy, exploratory; supratentorial	34.0	90	9.0
61305 infratentorial (posterior fossa)	40.0	90	10.0

	Unit Value	Follow-up Days=	Basic Anes@
61310 Craniectomy or craniotomy, evacuation of hematoma, extradural, subdural or intracerebral; supratentorial	28.0	90	13.0
61311 infratentorial	26.0	90	13.0
61320 Craniectomy or craniotomy, drainage of intracranial abscess; supratentorial	28.0	90	11.0
61321 infratentorial	28.0	90	13.0
61330 Exploration ((of)) or decompression of orbit only, transcranial approach; unilateral	26.0	90	9.0
61331 bilateral	BR		
61332 Exploration ((or decompression)) of orbit (transcranial approach); with biopsy	BR		
61333 with removal of lesion	BR		
61334 with removal of foreign body	BR		
61340 Other cranial decompression (e.g., subtemporal), supratentorial; unilateral	16.0	90	9.0
61341 bilateral	24.0	90	9.0
61345 Other cranial decompression, posterior fossa	22.0	90	13.0
(For orbital decompression by lateral wall approach, Kroenlein type, see 67440)			
61440 Craniotomy for section of tentorium cerebelli (separate procedure)	BR		
61450 Craniectomy for section, compression, or decompression of sensory root of gasserian ganglion	28.0	90	10.0
<u>61458</u> <u>Craniectomy, suboccipital, for exploration or decompression of cranial nerves ((Craniectomy, suboccipital)) for section of one or more cranial nerves</u>	<u>30.0</u>	<u>90</u>	<u>10.0</u>
61460 for medullary tractotomy	34.0	90	10.0
61470 for mesencephalic tractotomy or pedunculotomy	40.0	90	11.0
61480 for mesencephalic tractotomy or pedunculotomy	40.0	90	11.0
61490 Craniotomy for lobotomy, including cingulotomy; unilateral	24.0	90	9.0
61491 bilateral	30.0	90	11.0
61500 Craniectomy, trephination, bone flap craniotomy; for tumor of skull	BR+		8.0
61510 for excision of brain tumor, supratentorial, except meningioma	34.0	90	12.0
61512 for excision of meningioma, supratentorial	40.0	90	11.0
61514 for excision of brain abscess, supratentorial	32.0		9.0
61516 for excision or fenestration of cyst, supratentorial	30.0		11.0
61518 Craniectomy for excision of brain tumor, infratentorial or posterior fossa; except meningioma or cerebellopontine angle tumor	40.0	90	11.0
61519 meningioma	44.0	90	13.0
61520 cerebellopontine angle tumor	40.0	90	11.0
61522 Craniectomy, infratentorial or posterior fossa; for excision of brain abscess	30.0	90	13.0
61524 for excision or fenestration of cyst	30.0	90	13.0
61526 Craniectomy, bone flap craniotomy, transtemporal (mastoid) for excision of cerebellopontine angle tumor;	30.0	90	13.0
61530 combined with middle/posterior fossa craniotomy	BR		
61532 Craniectomy, trephination, bone flap craniotomy; for excision of intracranial vascular malformation	BR+		13.0
61534 for excision of cerebral cortical scar	BR+		9.0
61536 for excision of cerebral cortical scar, with electrocorticography during surgery	BR+		9.0
61538 for lobectomy with electrocorticography during surgery, temporal lobe	38.0	90	9.0
61539 for lobectomy with electrocorticography during surgery, other than temporal lobe, partial or total	38.0	90	9.0
61542 for hemispherectomy	48.0	90	9.0
61544 for excision or coagulation of choroid plexus	30.0	90	11.0
61546 ((Craniectomy)) Craniotomy for hypophysectomy, intracranial approach	34.0	90	10.0
61548 Hypophysectomy, transnasal or transseptal approach, nonstereotactic	BR+		4.0

(For stereotaxis, see 61715)

	Unit Value	Follow-up Days=	Basic Anes@
61550 Craniectomy for craniostenosis, single suture	18.0	90	9.0
61552 multiple sutures, one stage	22.0	90	9.0
61553 each stage of multiple stages	BR		
61555 Reconstruction of skull by multiple bone flaps	BR		
(For sequestrectomy for osteomyelitis, see 21020)			
61570 (Craniectomy or craniotomy for excision of foreign body from brain	BR		
61571 for penetrating wound of brain	BR		
SURGERY FOR ANEURYSM OR ARTERIOVENOUS MALFORMATION			
(For excision of vascular malformation, see 61532)			
61700 Surgery of intracranial aneurysm, intracranial approach, carotid circulation	40.0	90	13.0
61702 vertebral-basilar circulation	44.0	90	15.0
61703 Surgery of intracranial aneurysm, cervical approach by application of occluding clamp to cervical carotid artery (Selverstone-Crutchfield type)	BR		7.0
(For cervical approach for direct ligation of carotid artery, see 37600-37606)			
61705 Surgery of aneurysm, vascular malformation or carotid-cavernous fistula; by intracranial and cervical occlusion of carotid artery	32.0	90	15.0
61708 by intracranial electrothrombosis	30.0	90	9.0
61710 by intra-arterial embolization, injection procedure	24.0	90	9.0
61711 Anastomosis, arterial, extracranial-intracranial (e.g., middle cerebral/cortical) arteries	36.0	90	15.0
(For carotid or vertebral thromboendarterectomy, see 35300)			
61712 Microdissection, intracranial or spinal procedure (list separately in addition to code for primary procedure)	BR		
STEREOTAXIS			
61715 Stereotactic hypophysectomy, transnasal	24.0	90	5.0
(For nonstereotaxis, see 61548)			
61720 Stereotactic lesion, any method, including burr hole(s) and localizing and recording techniques, single or multiple stages, globus pallidus or thalamus	38.0	90	8.0
61735 subcortical structure other than globus pallidus or thalamus	38.0	90	8.0
61750 Stereotactic biopsy, aspiration or excision, including burr hole(s) for intracranial lesion	BR		8.0
61780 Stereotactic localization, including burr hole(s), ventriculography and introduction of subcortical electrodes	BR+		8.0
61790 Stereotactic lesion of gasserian ganglion, percutaneous, by neurolytic agent (e.g., alcohol, thermal, electrical, radiofrequency)	18.0	90	7.0
NEUROSTIMULATORS, INTRACRANIAL			
61850 Burr or twist drill hole(s) for implantation of neurostimulator electrodes, cortical	15.0	30	8.0
61855 subcortical	18.0	30	8.0
61860 Craniectomy or craniotomy for implantation of neurostimulator electrodes, cerebral, cortical	15.0	30	6.0
61865 subcortical	18.0	30	6.0
61870 Craniectomy for implantation of neurostimulator electrodes, cerebellar, cortical	18.0	30	7.0
61875 subcortical	19.0	30	7.0

	Unit Value	Follow-up Days=	Basic Anes@
61880 Revision or removal of intracranial neurostimulator electrodes	BR		
61885 Incision for subcutaneous placement of neurostimulator receiver, direct or inductive coupling	BR		
61888 Revision or removal of intracranial neurostimulator receiver	BR		
(See WAC 296-22-010, item 2)			
REPAIR			
62000 Elevation of depressed skull fracture, simple, extradural	18.0	90	9.0
62005 compound or comminuted, extradural	24.0	90	9.0
62010 with debridement of brain and repair of dura	29.0	90	11.0
62100 Repair of dural/CSF leak, including surgery for rhinorrhea/otorrhea	30.0	90	9.0
(For repair of spinal dural/CSF leak, see 63708)			
62120 Repair of encephalocele, including cranioplasty	BR+		9.0
62140 Cranioplasty for skull defect, up to 5 cm diameter	20.0	90	9.0
62141 larger than 5 cm diameter	BR+		9.0
62145 Cranioplasty for skull defect with reparative brain surgery	BR+		11.0
CSF SHUNT			
62180 Ventriculocisternostomy (Torkildsen type operation)	32.0	90	11.0
62190 Creation of shunt; subdural-atrial, -jugular, -auricular	24.0	90	9.0
62192 subdural-peritoneal, -pleural, -other terminus	22.0	90	9.0
62194 Replacement or irrigation, subdural catheter	6.0	90	5.0
62200 Ventriculocisternostomy, third ventricle	32.0	90	11.0
62220 Creation of shunt; ventriculo-atrial, -jugular, -auricular	26.0	90	11.0
62223 ventriculo-peritoneal, -pleural, -other terminus	24.0	90	9.0
62225 Replacement or irrigation, ventricular catheter	10.0	90	5.0
62230 Replacement or revision of shunt, obstructed valve, or distal catheter in shunt system	20.0	90	11.0
62256 Removal of complete shunt system; without replacement	10.0	90	11.0
62258 with replacement by similar or other shunt at same operation	3.0	0	9.0
(For percutaneous irrigation or aspiration of shunt reservoir, see 61070)			

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-370 SPINE AND SPINAL CORD.

	Unit Value	Follow-up Days=	Basic Anes@
(For application of caliper or tongs, see 20660.)			
(For treatment of fracture or dislocation of spine, see 22325-22370.)			
PUNCTURE FOR INJECTION, DRAINAGE OR ASPIRATION			
62270* Spinal puncture, lumbar, diagnostic	1.6	0	
((62272* for decompression (separate procedure) - 2.0))			
62273* Injection, lumbar epidural, of blood or clot patch	2.1		
62274* Injection of anesthetic substance, diagnostic or therapeutic, subarachnoid or subdural, simple	2.1	0	
62276* subarachnoid or subdural, differential	3.5	0	

	Unit Value	Follow-up Days=	Basic Anes@		Unit Value	Follow-up Days=	Basic Anes@		
62277*	subarachnoid or subdural, continuous	3.0		63180	Laminectomy and section of dentate ligaments, with or without dural graft, cervical, one or two segments	38.0	90	8.0	
62278*	epidural or caudal, ((simple)) single	2.1	0	63182	more than two segments	BR			
62279*	epidural or caudal, continuous	3.0		63185	Laminectomy for rhizotomy, one or two segments	28.0	90	8.0	
62280*	Injection of neurolytic substance (e.g., alcohol, phenol, iced saline solutions); subarachnoid	5.0		63190	more than two segments	BR		8.0	
62282*	epidural or caudal	5.0		63194	Laminectomy for cordotomy, unilateral, one stage, cervical	32.0	90	8.0	
62284*	Injection procedure for myelography, spinal or posterior fossa	3.0	7	63195	thoracic	32.0	90	7.0	
62286*	Injection procedure for pneumoencephalography, lumbar	4.0	7	63196	Laminectomy for cordotomy, bilateral, one stage, cervical	32.0	90	8.0	
62289*	Injection of substance other than anesthetic, contrast, or neurolytic solutions; epidural or caudal	2.8		63197	thoracic	32.0	90	7.0	
62290*	Injection procedure for diskography, single or multiple levels, lumbar	2.8		63198	Laminectomy for cordotomy, bilateral, two stages within fourteen days, cervical	40.0	90	8.0	
62291*	cervical	2.8		63199	thoracic	40.0	90	7.0	
62294*	Injection procedure, arterial, for occlusion of arteriovenous malformation, spinal	2.8		EXCISION FOR LESION OTHER THAN HERNIATED INTERVERTEBRAL DISK					
LAMINECTOMY OR LAMINOTOMY, FOR EXPLORATION OR DECOMPRESSION				63210	Laminectomy, one or two segments, for excision of intraspinal lesion, cervical	34.0	90	8.0	
62295	Laminectomy for exploration of intraspinal canal, one or two segments, cervical	32	90	8.0	63215	thoracic	34.0	90	7.0
62296	thoracic	32.0	90	8.0	63220	lumbar	30.0	90	7.0
62297	lumbar	26.0	90	8.0	63225	sacral	30.0	90	7.0
62299	sacral	26.0	90	8.0	63240	Laminectomy, more than two segments, for excision of intraspinal lesion, cervical	BR		9.0
62301	Laminectomy for exploration of intraspinal canal, more than two segments, cervical	BR		9.0	63241	thoracic	BR		8.0
62302	thoracic	BR		8.0	63242	lumbar	BR		7.0
62303	lumbar	BR		7.0	63250	Laminectomy for excision or occlusion of arteriovenous malformation of cord, cervical	BR		9.0
63001	Laminectomy for decompression of spinal cord and/or cauda equina, one or two segments, cervical	30.0	90	9.0	63251	thoracic	BR		8.0
63003	thoracic	30.0	90	8.0	STEREOTAXIS				
63005	lumbar, except for spondylolisthesis	24.0	90	7.0	63600	Stereotactic lesion of spinal cord, percutaneous, any modality (including stimulation and/or recording)	18.0	90	
63010	lumbar for spondylolisthesis (Gill type procedure)	28.0	90	7.0	63610	Stereotactic stimulation of spinal cord, percutaneous, separate procedure not followed by other surgery	8.0	0	
63011	sacral	24.0	90	7.0	NEUROSTIMULATORS, SPINAL				
63015	Laminectomy for decompression of spinal cord and/or cauda equina, more than two segments, cervical	BR+		8.0	63650	Percutaneous implantation of neurostimulator electrodes, epidural	BR		
63016	thoracic	BR		7.0	63652	intradural (spinal cord)	BR		
63017	lumbar	BR		7.0	63655	Laminectomy for implantation of neurostimulator electrodes, epidural	BR		
(When followed by arthrodesis, see 22550-22565)					63656	endodural	BR		
63020	Laminotomy (hemilaminectomy), for herniated intervertebral disk, and/or decompression of nerve root, one interspace, cervical, unilateral	26.0	90	9.0	63657	subdural	BR		
63021	one interspace, cervical, bilateral	28.0	90	9.0	63658	spinal cord (dorsal or ventral)	BR		
63030	one interspace, lumbar, unilateral	25.0	90	7.0	63660	Revision or removal of spinal neurostimulator electrodes	BR		
63031	one interspace, lumbar, bilateral	27.0	90	7.0	63685	Incision for subcutaneous placement of neurostimulator receiver, direct or inductive coupling	BR		
63035	additional interspaces, cervical or lumbar	BR		9.0	63688	Revision or removal of spinal neurostimulator receiver	BR		
63040	Laminotomy (hemilaminectomy), for herniated intervertebral disk, and/or decompression of nerve root, any level, extensive or reexploration, cervical	BR		9.0	REPAIR				
63041	thoracic	BR		8.0	63700	Repair of meningocele, less than 5 cm diameter	20.0	90	9.0
63042	lumbar	BR		7.0	63702	larger than 5 cm diameter	BR		
(Do not use both 63035 and 63040-63042 for same procedure)					63704	Repair of myelomeningocele, less than 5 cm diameter	BR		
63060	Hemilaminectomy (laminectomy) for herniated intervertebral disk, thoracic, posterior approach	28.0	90	8.0	63706	larger than 5 cm diameter	BR		
63064	costovertebral approach	30.0	90	8.0	(For complex skin closure, see Integumentary System)				
63075	Discectomy, cervical, anterior approach, without arthrodesis, single interspace	26.0	90	9.0	63708	Repair dural/CSF leak	BR		
63076	additional interspaces	5.0			63710	Dural graft, spinal	BR		
(For discectomy with arthrodesis, see 22550-22566)					(For laminectomy and section of dentate ligaments, with or without dural graft, cervical, see 63180-63182)				
INCISION					SHUNT, SPINAL CSF				
63170	Laminectomy for myelotomy (Bischof type), thoracic or thoracolumbar	BR	90	8.0	63740	Creation of shunt, lumbar, subarachnoid-peritoneal, -pleural((-ureteral; -fallopian)) or other	26.0	90	9.0
					63744	Replacement, irrigation or revision of lumbar-subarachnoid shunt	10.0	90	5.0

	Unit Value	Follow-up Days=	Basic Anes@
63746 Removal of entire ((tumbar-subarachnoid)) lumbosubarachnoid shunt system without replacement	10.0	90	5.0

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-375 EXTRACRANIAL NERVES, PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM.

(For intracranial surgery on cranial nerves, see 61450, 61460, 61790)

INTRODUCTION/INJECTION OF ANESTHETIC AGENT (NERVE BLOCK), DIAGNOSTIC OR THERAPEUTIC SOMATIC NERVES

Anesthetic Agent (diagnostic or therapeutic)

(For anesthesia services in conjunction with surgical procedures, see Anesthesia section)

Somatic

	Unit Value	Follow-up Days=	Basic Anes@
64400* Injection, anesthetic agent; trigeminal nerve, any division or branch	*3.0	0	
64402* facial nerve	*2.5	0	
64405* greater occipital nerve	*2.5	0	
64408* vagus nerve	*2.5	0	
64410* phrenic nerve	*2.5	0	
64412* spinal accessory nerve	*2.5	0	
64415* brachial plexus	*2.5	0	
64417* axillary nerve	*2.5	0	
64420* intercostal nerve, single	*2.0	0	
64421* intercostal nerves, multiple, regional block	*2.5	0	
64425* ilioinguinal, iliohypogastric nerves	2.0	0	
64430* pudendal nerve	2.5	0	
64435* paracervical (uterine) nerve	2.5	0	
64440* paravertebral nerve (thoracic, lumbar, sacral, coccygeal), single	3.0	0	
64441* paravertebral nerves, multiple, regional block	3.2	0	
64445* sciatic nerve	2.5	0	
64450* other peripheral nerve or branch	2.0	0	

(For phenol destruction, see 64600-64640)

(For subarachnoid or subdural, see 62274-62277)

(For epidural or caudal, see 62278, 62279)

SYMPATHETIC NERVES

64505* Injection, anesthetic agent; sphenopalatine ganglion	3.0	0	
64508* carotid sinus (separate procedure) ..	2.5	0	
64510* stellate ganglion (cervical sympathetic)	2.0	0	
64520* lumbar or thoracic (paravertebral sympathetic)	3.0	0	
64530* celiac plexus, with or without radiologic monitoring	4.0		

NEUROSTIMULATORS, PERIPHERAL NERVE

64550 Application of surface (transcutaneous) neurostimulator	BR		
64553 Percutaneous implantation of neurostimulator electrodes, cranial nerve	BR		
64555 peripheral nerve	BR		
64560 autonomic nerve	BR		
64565 neuromuscular	BR		
64573 Incision for implantation of neurostimulator electrodes, cranial nerve	BR		
64575 peripheral nerve	BR		
64577 autonomic nerve	BR		
64580 neuromuscular	BR		
64585 Revision or removal of peripheral neurostimulator electrodes	BR		

64590 Incision for subcutaneous placement of neurostimulator receiver, direct or inductive coupling	BR		
64595 Revision or removal of peripheral neurostimulator receiver	BR		

DESTRUCTION BY NEUROLYTIC AGENT (E.G., CHEMICAL, THERMAL, ELECTRICAL, RADIOFREQUENCY) SOMATIC NERVES

64600 Destruction by neurolytic agent, trigeminal nerve, supraorbital, infraorbital, mental, or inferior alveolar branch	5.0	7	
64605 second and third division branches at foramen ovale	5.0	30	
64610 second and third division branches at foramen ovale under radiologic monitoring	5.0	30	
64620 Destruction by neurolytic agent; intercostal nerve	4.0	7	
64630 pudendal nerve	5.0		
64640 Other peripheral nerve or branch	5.0		

SYMPATHETIC NERVES

64680 Destruction by neurolytic agent, celiac plexus, with or without radiologic monitoring	6.0	7	
64702 Neurolysis, digital, one or both, same digit	4.8	90	3.0
64704 nerve of hand or foot	8.0	90	3.0
64708 Neurolysis, major peripheral nerve, arm or leg, other than specified	12.0	90	3.0
64712 sciatic nerve	BR+		3.0
64713 brachial plexus	BR+		3.0
64714 lumbar plexus	BR		3.0
64716 Neurolysis and/or transposition; cranial nerve (specify)	BR		
64718 ulnar nerve at elbow	15.0	90	3.0
64719 ulnar nerve at wrist	9.0	90	3.0
64721 median nerve at carpal tunnel	10.0	90	3.0
64722 Decompression; unspecified nerve(s) (specify)	BR		
64726 plantar digital nerve	6.0	90	3.0
64727 Internal neurolysis by dissection, with or without microdissection (list separately in addition to code for primary neuroplasty)	BR		

INTRODUCTION/INJECTION OF ANESTHETIC AGENT (NERVE BLOCK), DIAGNOSTIC OR THERAPEUTIC SOMATIC NERVES

TRANSECTION OR AVULSION OR NERVES

64732 Transection or avulsion of, supraorbital nerve	7.0	30	3.0
64734 infraorbital nerve	7.0	30	3.0
64736 mental nerve	7.0	30	3.0
64738 inferior alveolar nerve by osteotomy	10.0	30	3.0
64740 lingual nerve	BR		
64742 facial nerve, differential or complete	BR+		3.0
64744 greater occipital nerve	7.0	30	3.0

(For section of recurrent laryngeal nerve, see 31595)

64746 phrenic nerve	5.0	30	3.0
64752 vagus nerve (vagusotomy), transthoracic	14.0	45	11.0
64755 <u>vagi limited to proximal stomach (selective proximal vagotomy, proximal gastric vagotomy, parietal cell vagotomy, supra- or highly selective vagotomy)</u>	BR	45	3.0
64760 vagus nerve (vagusotomy), abdominal	14.0	45	6.0
64761 pudendal nerve, unilateral	BR		
64762 pudendal nerve, bilateral	BR		
64763 Transection or avulsion of obturator nerve, extrapelvic, with or without adductor tenotomy, unilateral	6.0	45	3.0
64764 bilateral	9.0	45	3.0
64766 Transection or avulsion of obturator nerve, intrapelvic, with or without adductor tenotomy, unilateral	10.0	60	4.0

	Unit Value	Follow-up Days=	Basic Anes@
64768 bilateral	13.0	60	4.0
64772 Transection or avulsion of other spinal nerve, extradural	BR+		3.0

Excision

(For excision of tender scar, skin and subcutaneous tissues with or without tiny neuroma, see 11400-11460, 13000-13300)

EXCISION-SOMATIC NERVES

(For Morton neurectomy, see 28080)

64774 Excision of neuroma; cutaneous nerve, surgically identifiable	3.0	30	3.0
64776 digital nerve, one or both, same digit	3.0	30	3.0
64778 digital nerve, each additional digit (list separately by this number)	2.0		
64782 hand or foot, except digital nerve	6.0	30	3.0
64783 hand or foot, each additional nerve, except same digit (list separately by this number)	3.0	30	3.0
64784 major peripheral nerve except sciatic	10.0	30	3.0
64786 sciatic nerve	BR		
64787 Insertion of plastic cap on nerve end	BR		
64788 Excision of neurofibroma or neurolemmoma, cutaneous nerve	6.0	30	3.0
64790 major peripheral nerve	BR+		3.0
64792 extensive (including malignant type)	BR+		3.0
64795 Biopsy of nerve	BR		

EXCISION-SYMPATHETIC NERVES

64802 Sympathectomy, cervical; unilateral	14.5	60	6.0
64803 bilateral	19.0	60	6.0
64804 Sympathectomy, cervicothoracic; unilateral, one stage	20.0	60	6.0
64806 bilateral or two stage unilateral	28.0	60	8.0
64809 Sympathectomy, thoracolumbar; unilateral	20.0	60	6.0
64811 bilateral	28.0	60	8.0
64814 Sympathectomy, hypogastric or presacral neurectomy (separate procedure)	14.0	60	5.0
64818 Sympathectomy, lumbar; unilateral	15.0	60	5.0
64819 bilateral	21.0	60	5.0
64824 periarterial	24.0	60	5.0

NERVE REPAIR BY SUTURE (NEURORRHAPHY)

64830 Microdissection and/or microrepair of nerve (list separately in addition to code for nerve repair)			
64831 Suture of digital nerve, hand or foot; one nerve	4.8	90	3.0
64832 each additional digit nerve	1.2		
64834 Suture of one nerve, hand or foot; common sensory nerve	8.0	90	3.0
64835 median motor thenar	10.0	90	3.0
64836 ulnar motor	12.0	90	3.0
64837 Suture of each additional nerve, hand or foot	BR		
64840 Suture of posterior tibial nerve	BR		
64856 Suture of major peripheral nerve, arm or leg, except sciatic, including transposition	14.0	90	3.0
64857 without transposition	BR	90	3.0
64858 Suture of sciatic nerve	BR+		3.0
64859 Suture of each additional major peripheral nerve	BR		
64861 Suture of; brachial plexus	BR+		3.0
64862 lumbar plexus	BR		
64864 Suture of facial nerve; extracranial	BR+		3.0
64865 intratemporal, with or without grafting	BR		
64866 Anastomosis, facial-spinal accessory	26.0	90	3.0
64868 facial-hypoglossal	26.0	90	3.0
64870 facial-phrenic	26.0	90	3.0
64872 Suture of nerve, requiring secondary or delayed suture (list separately in addition to code for primary neurorrhaphy)	BR		
64874 requiring extensive proximal mobilization, or transposition of nerve (list separately in addition to code for			

64876 nerve suture) requiring shortening of bone of extremity (list separately in addition to code for nerve suture)	BR		3.0
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NEURORRHAPHY WITH NERVE GRAFT

64890 Nerve graft (includes obtaining graft), single strand, hand or foot; up to 4 cm length	BR	90	3.0
64891 more than 4 cm length	BR	90	3.0
64892 Nerve graft (includes obtaining graft), single strand, arm or leg; up to 4 cm length	BR	90	3.0
64893 more than 4 cm length	BR	90	3.0
64895 Nerve graft (includes obtaining graft), multiple strands (cable), hand or foot; up to 4 cm length	BR	90	3.0
64896 more than 4 cm length	BR	90	3.0
64897 Nerve graft (includes obtaining graft), multiple strands (cable), arm or leg; up to 4 cm length	BR	90	3.0
64898 more than 4 cm length	BR	90	3.0
64901 Nerve graft, each additional nerve; single strand	BR	90	3.0
64902 multiple strands (cable)	BR	90	3.0
64905 Nerve pedicle transfer, first stage	BR	90	3.0
64907 second stage	BR	90	3.0

OTHER PROCEDURES

64999 Unlisted procedure, nervous system	BR		
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AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-405 EYEBALL.

	Unit Value	Follow-up Days=	Basic Anes@
(For goniotomy, see 65820)			
REMOVAL OF EYE			
65091 Evisceration ocular contents, without implant	10.0	30	3.0
65093 with implant	12.0	30	3.0
65101 Enucleation of eye, without implant	10.0	30	3.0
65103 with implant, muscles not attached to implant	11.0	30	3.0
65105 with, muscles attached to implant, muscles attached to implant	12.0	30	3.0
(For conjunctivoplasty after enucleation, see 68320 et seq)			
65110 Exenteration orbit (does not include skin graft), removal orbital contents; only	20.0	60	4.0
65112 with therapeutic removal of bone	BR		4.0
65114 with temporalis muscle transplant	25.0	60	4.0

(For skin graft to orbit (split skin), see 15120, 15121; free, full thickness, see 15260, 15261)

(For eyelid repair involving more than skin, see 67930 et seq)

SECONDARY IMPLANT PROCEDURES

An ocular implant is an implant inside muscular cone, an orbital implant is an implant outside muscular cone.

65130 Insertion ocular implant secondary; after evisceration, in scleral shell	8.0	30	4.0
65135 after enucleation, muscles not attached to implant	10.0	30	4.0
65140 after enucleation, muscles attached to implant	14.0	30	4.0
65150 Reinsertion ocular implant; with or without conjunctival graft	BR		4.0
65155 with use of foreign material for reinforcement and/or attachment of muscles to implant	BR		4.0
65175 Removal ocular implant	BR		4.0

	Unit Value	Follow- up Days=	Basic Anes@
(For orbital implant (implant outside muscle cone) insertion, see 67550, removal, see 67560)			
REMOVAL OF OCULAR FOREIGN BODY			
(For removal of implanted material: Ocular implant, see 65175; anterior segment implant, see 65920; posterior segment implant, see 67120; orbital implant, see 67560)			
(For diagnostic x-ray for foreign body, see 70030-70050)			
(For diagnostic echography for foreign body, see 76529)			
(For removal of foreign body from orbit: frontal approach, see 67433; lateral approach, see 67430; transcranial approach, see 61334)			
(For removal of foreign body from eyelid, embedded, see 67938)			
(For removal of foreign body from lacrimal system, see 68530)			
65205* Removal foreign body, external eye, conjunctival superficial	0.2	0	4.0
65210* conjunctival embedded (includes concretions), subconjunctival, or scleral nonperforating	0.6	0	4.0
65220* corneal, without slit lamp	0.6	0	4.0
65222* corneal, with slit lamp	0.8	0	4.0
(For repair of corneal laceration with foreign body, see 65275)			
65230 Removal foreign body intraocular, from anterior chamber, magnetic extraction	12.0	45	6.0
65235 from anterior chamber, nonmagnetic extraction	16.0	45	8.0
65240 from lens (without extraction lens), magnetic extraction	12.0	30	6.0
65245 from lens (without extraction lens), nonmagnetic extraction	BR		
(For removal implanted material anterior segment, see 65920)			
65260 from posterior segment, magnetic extraction, anterior or posterior route	12.0	30	6.0
65265 from posterior segment, nonmagnetic extraction	18.0	30	8.0
(For removal implanted material posterior segment, see 67120)			
REPAIR OF LACERATION OF EYEBALL			
(For fracture of orbit, see 21380 et seq)			
(For repair wound of eyelid, skin, linear, simple, see 12011-12018; intermediate, layered closure, see 12051-12057; linear, complex, see 13150-13300; other, see 67930-67935)			
(For repair wound of lacrimal system, see 68700)			
(For repair operative wound, see 66250)			
65270* Repair laceration, conjunctiva, with or without nonperforating laceration sclera, direct closure	0.9	0	4.0
65272 conjunctiva, by mobilization and rearrangement, without hospitalization	BR		4.0
65273 conjunctiva, by mobilization and rearrangement, with hospitalization	BR		4.0
65275 cornea, nonperforating, with or without removal foreign body	SV		4.0
65280 cornea and/or sclera, perforating, not involving uveal tissue	((5-0)) BR	30	5.0

65285	cornea and/or sclera, perforating, with reposition or resection of uveal tissue	((5-0)) BR	30	5.0
	(Repair of laceration includes use of conjunctival flap and restoration of anterior chamber, by air or saline injection when indicated)			
	(For repair of iris or ciliary body, see 66680)			
65290	Repair wound extraocular muscle, tendon and/or Tenon's capsule	4.4	30	4.0

AMENDATORY SECTION (Amending Order 80-25, filed 12/3/80, effective 3/1/81)

WAC 296-22-420 ANTERIOR SEGMENT—IRIS, CILIARY BODY.

	Unit Value	Follow- up Days=	Basic Anes@	
IRIDOTOMY, IRIDECTOMY				
66500	Iridotomy by stab incision (separate procedure); except transfixion	5.0	30	3.0
66505	with transfixion as for iris bombe	5.0	30	3.0
66600	Iridectomy, with corneoscleral or corneal section; for removal of lesion	14.0	45	3.0
66605	with cyclectomy	20.0	45	3.0
66625	peripheral for glaucoma (separate procedure)	10.0	45	3.0
66630	sector for glaucoma (separate procedure)	10.0	45	3.0
66635	"optical" (separate procedure)	10.0	45	3.0
	(For "iridotomy" by photocoagulation, see 66761)			
	(For "coreoplasty" by photocoagulation, see 66762)			
REPAIR				
66680	Repair of iris, ciliary body (as for iridodialysis)	10.0	45	3.0
	(For reposition or resection of uveal tissue with perforating wound of cornea or sclera, see 65285)			
66682	Suture of iris, ciliary body (separate procedure) with retrieval of suture through small incision (e.g., McCannel suture)	BR	45	3.0
DESTRUCTION				
66700	Cyclodiathermy; initial	8.0	30	3.0
66701	subsequent	4.0	30	3.0
66720	Cyclocryotherapy; initial	6.0	30	3.0
66721	subsequent	3.0	30	3.0
66740	Cyclodialysis; initial	12.0	45	3.0
66741	subsequent	6.0	45	3.0
66761	Coreoplasty ("iridotomy") by photocoagulation; for glaucoma	5.0	30	3.0
66762	other than for glaucoma	5.0	30	3.0
66770	Destruction of cyst or lesion iris or ciliary body (nonexcisional procedure)	9.0	45	3.0
	(For excision lesion iris, ciliary body, see 66600, 66605; for removal epithelial downgrowth, see 65900)			
OTHER PROCEDURES				
	(For unlisted procedures on iris, ciliary body, see 66999)			

	Unit Value	Follow-up Days=	Basic Anes@
((*)69610 Tympanic membrane ((patching)) repair, with or without site preparation or perforation preparation for closure without patch	((*)0.6	0	3.0
<u>69611 Tympanic membrane patching with tissue graft</u>	<u>0.6</u>	<u>0</u>	<u>3.0</u>
69620 Myringoplasty, (surgery confined to drumhead and donor area)	13.0	180	3.0
69631 Tympanoplasty, without mastoidectomy (including canalplasty, atticotomy and/or middle ear surgery), initial or revision, without ossicular chain reconstruction	22.0	180	3.0
69632 with ossicular chain reconstruction, e.g., postfenestration	22.0	180	3.0
69633 with ossicular chain reconstruction and synthetic prosthesis (e.g., total ossicular replacement prosthesis, TORP)	<u>BR</u>		
69635 Tympanoplasty with antrotomy or mastoidectomy (including canalplasty, atticotomy, middle ear surgery, and/or tympanic membrane repair); without ossicular chain reconstruction	22.0	180	6.0
69636 with ossicular chain reconstruction	24.0	180	6.0
69637 with ossicular chain reconstruction and synthetic prosthesis (e.g., total ossicular replacement prosthesis, TORP)	<u>BR</u>	0	6.0
69641 Tympanoplasty with mastoidectomy (including canalplasty, middle ear surgery, tympanic membrane repair); without ossicular chain reconstruction	23.0	180	5.0
69642 with ossicular chain reconstruction	26.0	180	5.0
69643 with intact or reconstructed wall, without ossicular chain reconstruction	26.0	180	5.0
69644 with intact or reconstructed canal wall, with ossicular chain reconstruction	28.0	180	5.0
69645 radical or complete, without ossicular chain reconstruction	24.0	180	5.0
69646 radical or complete, with ossicular chain reconstruction	26.0	180	5.0
69650 Stapes mobilization	12.0	90	3.0
69660 Stapedectomy with reestablishment of ossicular continuity, with or without use of foreign material	20.0	90	5.0
<u>69661 with footplate drill out</u>	<u>BR</u>	<u>90</u>	<u>5.0</u>
(For revision, see 69632)			
69666 Repair oval window fistula	20.0	180	5.0
69667 Repair round window fistula	20.0	180	5.0
69670 Mastoid obliteration (separate procedure)	<u>BR+</u>		6.0
((69675)69676 Tympanic neurectomy, unilateral	3.0	180	6.0
<u>69677 bilateral</u>	<u>BR</u>	<u>180</u>	<u>6.0</u>
OTHER PROCEDURES			
69700 Closure postauricular fistula, mastoid (separate procedure)	7.0	60	3.0
69720 Decompression, facial nerve, intratemporal, lateral to geniculate ganglion	24.0	180	6.0
69725 including medial to geniculate ganglion	26.0	180	6.0
69740 Suture facial nerve, intratemporal, with or without graft or decompression, lateral to geniculate ganglion	30.0	180	6.0
69745 including medial to geniculate ganglion	30.0	180	6.0
(For extracranial suture of facial nerve, see 64864)			
69799 Unlisted procedure, middle ear	<u>BR</u>		

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-01002 CUSTODY OF X-RAYS.

(1) Radiographs should not be sent to the department or self-insurer unless they are requested for comparison and interpretation in determining a permanent disability, administrative or legal decisions and for cases in litigation. X-rays must be retained for a period of ((seven)) ten years by the radiologist or the attending doctor.

(2) X-rays must be made available upon request to consultants, to medical examiners, to the department, to self-insurers and/or the Board of Industrial Insurance Appeals.

(3) In cases where the injured worker transfers from one doctor to another, the former attending doctor will immediately forward all films in his possession to the new attending doctor.

(4) When a doctor's office is closed because of death, retirement or upon leaving the state, department approved custodial arrangements must be made to insure availability on request. If a radiological office is closed for any of the previously listed reasons or because the partnership or corporation is being dissolved, disposition of x-rays for industrial injuries will be handled in the same manner. In the event custodial arrangements are to be made, the department must approve the arrangements prior to transfer of x-rays to the custodian so as to assure their availability to the department or self-insurer upon request.

(5) Reports of x-ray findings must accompany bills for x-ray services. See WAC 296-20-125 for additional billing information.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-01006 RADIOLOGY, RADIATION THERAPY, NUCLEAR MEDICINE AND MODIFIERS. Listed services and procedures may be modified under certain circumstances. When applicable, the modifying circumstance should be identified by the addition of the appropriate modifier code which is a two digit number placed after the usual procedure number from which it is separated by a hyphen. ((The value should be listed as a single modified total for the procedure.)) If more than one modifier is used, the "multiple modifiers" code placed first after the procedure code indicates that one or more additional modifier codes will follow. ((All modifiers and their respective codes are listed in Appendix A.)) Modifiers commonly used in RADIOLOGY (INCLUDING NUCLEAR MEDICINE AND DIAGNOSTIC ULTRASOUND) are as follows:

-22 UNUSUAL SERVICES: When the service(s) provided is greater than that usually required for the listed procedure, it may be identified by adding modifier '-22' to the usual procedure number. List modified value. A report may also be appropriate. Note: Modifier -22 may be utilized with computerized tomography numbers when additional slices are required or a more detailed examination is necessary.

-26 **PROFESSIONAL COMPONENT:** Certain procedures (e.g., laboratory, radiology, electrocardiogram, specific diagnostic services,) are a combination of a physician component and a technical component. When the physician component is billed separately, the procedure may be identified by adding the modifier '-26' to the usual procedure number and value as appropriate. The total cost of procedure cannot exceed the Basic Unit Value.

-50 **MULTIPLE OR BILATERAL PROCEDURES:** When multiple or bilateral procedures are provided at the same operative session, the first major procedure may be reported as listed. The secondary or lesser procedure(s) may be identified by adding the modifier '-50' to the usual procedure number(s) and value at 50 percent of the listed values unless otherwise indicated.

-52 **REDUCED SERVICES:** Under certain circumstances a service or procedure is partially reduced or eliminated at the physician's election. Under these circumstances the service provided can be identified by its usual procedure number and the addition of the modifier '-52' signifying that the service is ((rendered)) reduced. This provides a means of reporting reduced services at reduced charge without disturbing the identification of the basic service. Note: Modifier -52 may be utilized with computerized tomography numbers for a limited study or a follow-up study.

-75 **CONCURRENT CARE, SERVICES RENDERED BY MORE THAN ONE PHYSICIAN:** When the patient's condition requires the additional services of more than one physician, each physician may identify his or her services by adding the modifier '-75' to the basic service performed.

-76 **REPEAT PROCEDURE BY SAME PHYSICIAN:** The physician may need to indicate that a procedure or service was repeated subsequent to the original service. This may be reported by adding the modifier '-76' to the procedure code of the repeated service.

-77 **REPEAT PROCEDURE BY ANOTHER PHYSICIAN:** The physician may need to indicate that a basic procedure performed by another physician had to be repeated. This may be reported by adding modifier '-77' to the repeated service.

-90 **REFERENCE (OUTSIDE) LABORATORY:** When laboratory procedures are performed by a party other than the treating or reporting physician the procedure(s) may be identified by adding the modifier '-90' to the usual procedure number and shall be billed as charged to the physician. ((For collection and handling charges, see 99000, Medicine section.))

-99 **MULTIPLE MODIFIERS:** Under certain circumstances two or more modifiers may be necessary to completely delineate a service. In such

situations modifier '-99' should be added to the basic procedure, and other applicable modifiers may be listed as a part of the description of the service. Value in accordance with appropriate modifiers.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-015 HEAD AND NECK.

		Unit Value	Profes- sional Com- po- nent
70002	Pneumoencephalography, supervision and interpretation only		16.0
70003	complete, procedure	40.0	
	(For injection procedure only for pneumoencephalography, see 62286)		
70010	Myelography, posterior fossa supervision and interpretation only	BR+	
70011	complete procedure	BR	
	(For injection procedure, see 61052)		
70015	Cisternography, positive contrast, supervision and interpretation only	BR	
70016	complete procedure	BR	
	(For injection procedure only for cisternography, see 61053)		
70020	Ventriculography, air or positive contrast supervision and interpretation only		8.0
70021	positive contrast, supervision and interpretation only	24.0	
	(For injection procedures for ventriculography, see 61025, 61030, 61120)		
70022	Stereotaxic localization	BR+	
70030	Radiologic examination, eye, for detection of foreign body	8.8	3.5
70040	for localization of foreign body (does not include detection)	14.0	6.4
70050	for detection and localization of foreign body	18.0	8.0
70100	Radiologic examination, mandible, less than four views	6.0	2.4
70110	complete, minimum of four views	10.0	4.0
70120	Radiologic examination, mastoid(s), less than three views per side	6.0	2.4

	Unit Value	Professional Component		Unit Value	Professional Component
70130 complete minimum of three views per side	12.0	4.8	70328 Radiologic examination, temporomandibular joints, unilateral, open and closed mouth	6.0	2.4
70134 Radiologic examination, internal auditory meati, complete	12.0	4.8	70330 bilateral	8.8	3.5
70140 Radiologic examination, facial bones, less than three views	6.0	2.4	70350 Cephalogram (orthodontic)	4.0	1.6
70150 complete, minimum of three views	10.0	4.0	70355 Orthopantomogram	10.0	4.0
70160 Radiologic examination, nasal bones complete, minimum of three views	6.4	2.6	70360 Radiologic examination, neck for soft tissues	4.0	1.6
70170 Nasolacrimal duct (dacryocystography) supervision and interpretation only . . .		4.0	70370 pharynx or larynx, including fluoroscopy	8.0	3.2
70171 complete procedure	10.0		70373 Laryngography, contrast; supervision and interpretation only		9.6
(For injection procedure for dacryocystography, see 68850)			70374 complete procedure	24.0	
70190 Radiologic examination, optic foramina,	6.0	2.4	(For injection procedure only for laryngography, see 31708)		
70200 orbits, complete, minimum of four views	8.0	3.2	70380 Radiologic examination, salivary gland for calculus	6.4	2.6
70210 Paranasal sinuses, less than three views	5.0	2.0	70390 Sialography supervision and interpretation only . . .		3.2
70220 Radiologic examination, sinuses, paranasal, complete, minimum of three views without contrast studies	8.8	3.5	70391 complete procedure	8.0	
70230 with contrast studies, supervision and interpretation only	10.0	4.0	(For injection procedure only for sialography, see 42550)		
70231 with contrast studies, complete procedure	16.0	5.3	70400 Orbitography, air or positive contrast; supervision and interpretation only . . .		BR
70240 Radiologic examination, sella turcica	5.0	2.0	70401 complete procedure		BR
70250 Radiologic examination, skull, limited, less than four views, with or without stereo	6.0	2.4	(For injection procedure only for orbitography, see 67510)		
70260 complete, minimum of four views, with or without stereo	12.0	4.8	70450 Computerized tomography, head; without ((intravenous)) contrast material . .	58.0	13.0
70300 Radiologic examination, teeth, single view	2.0	0.8	70460 with ((intravenous)) contrast material	64.0	13.0
70310 partial examination, less than full mouth	4.0	1.6	70470 without intravenous contrast, followed by intravenous contrast and further sections	71.0	13.0
70320 complete examination, full mouth	8.0	3.2	<u>70480 Computerized tomography, orbit, without contrast material</u>	<u>58.0</u>	<u>13.0</u>
			<u>70481 with contrast material . .</u>	<u>64.0</u>	<u>13.0</u>
			<u>70482 without contrast material, followed by contrast material and further sections</u>	<u>71.0</u>	<u>13.0</u>

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-020 CHEST.

	Unit Value	Professional Component
71000 Chest, "Minifilm"	1.7	0.7
71010 single view, posteroanterior	4.0	1.6
71015 stereo, posteroanterior	5.0	2.0
71020 two views, posteroanterior and lateral	7.0	2.8
71021 apical lordotic procedure	7.2	2.9
71022 oblique projections ...	7.2	2.9
71030 complete, minimum of four views	8.0	3.2
71034 including fluoroscopy .	10.0	4.0

(For independent chest fluoroscopy, see 76000)

71035 Radiologic examination, chest, special views, e.g., lateral decubitus, Bucky studies	BR	
71036 Fluoroscopic localization for needle biopsy of intrathoracic lesion, including follow-up films ...	BR+	
71038 Fluoroscopic localization for transbronchial biopsy or brushing	BR	
(For biopsy procedure, see 32420)		
71040 Bronchography, unilateral; supervision and interpretation only		5.6
71041 complete procedure	14.0	
71060 bilateral		8.8
71061 complete procedure ..	22.0	

(For injection procedure only for bronchography, see 31715, 31710)

71090 Insertion pacemaker, fluoroscopy and radiography, supervision and interpretation only	BR	
71100 Ribs, unilateral, minimum of two views	7.2	2.9
71101 including posteroanterior chest, minimum of three views	BR	
71110 bilateral, minimum of three views	10.0	4.0
71111 including posteroanterior chest, minimum of four views	BR	

71120 Sternum, minimum of two views	6.0	2.4
71130 Sternoclavicular joint(s), minimum of three views ..	6.0	2.4
71250 Computerized tomography, thorax, without ((intravenous)) contrast material ..	77.0	22.0
71260 with ((intravenous)) contrast material(s) ...	84.0	22.0
71270 without ((intravenous)) contrast material, followed by ((intravenous)) contrast material and further sections	90.0	22.0

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-025 SPINE AND PELVIS.

	Unit Value	Professional Component
72010 Spine, entire, survey study (A-P & lateral)	16.0	6.4
72020 Radiologic examination, spine, single view, specify level	BR	
72040 cervical, A-P and lateral	6.0	2.4
72050 complete, minimum of four views	10.0	4.0
72052 including oblique and flexion and extension views	15.2	(4.8) 6.1
72070 thoracic, A-P and lateral	9.0	(2.7) 3.6
72072 thoracic, A-P and lateral, including swimmer's view of the cervicothoracic junction.	BR	
72074 thoracic, complete inc. obliques, minimum of four views	BR	
72080 thoraco-lumbar, A-P and lateral	(7.0) 9.0	(2.8) 3.6
72090 scoliosis study, including supine and erect studies .	6.0	2.4
72100 lumbo-sacral, A-P and lateral	(7.0) 9.0	(2.8) 3.6
72110 lumbosacral, complete,		

		Unit Value	Professional Component	<u>AMENDATORY SECTION</u> (Amending Order 80-29, filed 12/23/80, effective 3/1/81)	
				<u>WAC 296-23-030 UPPER EXTREMITIES.</u>	
				Unit Value	Professional Component
	with oblique views	16.0	(4.8)		
			<u>6.4</u>		
72114	including bending views	18.5	(6.0)		
			<u>7.4</u>		
72120	bending views only, minimum of four views	8.0	3.2	73000	Clavicle 4.8 1.9
72145	Computerized tomography, spine	70.0	(21.0)	73010	Scapula 6.0 2.4
			<u>28.0</u>	73020	Shoulder, limited, one view 4.0 1.6
<i>(For injection procedure, see 62284)</i>				73030	complete, minimum of two views 6.0 2.4
72170	Pelvis, A-P only	5.0	2.0	73040	arthrography supervision and interpretation only 4.0
72180	stereo	6.4	2.6	73041	complete procedure 10.0
72190	complete, minimum of three views	8.0	3.2	<i>(For injection procedure for arthrography, see 23350)</i>	
<i>(For pelvimetry, see 74710)</i>				73050	Acromio-clavicular joints, bilateral, with or without weighted distraction 7.0 2.8
72200	Sacro-iliac joints, less than three views	5.0	2.0	73060	Humerus, minimum of two views 4.8 1.9
72202	complete, minimum of three views	8.0	3.2	73070	Elbow, limited, A-P and lateral 4.8 1.9
72220	Sacrum and coccyx, minimum of two views	6.4	2.6	73080	complete, minimum of three views 6.0 2.4
72240	Myelography, cervical supervision and interpretation only		7.2	73085	Radiologic examination, elbow, arthrography, supervision and interpretation only 4.0
72241	complete procedure	18.0		73086	complete procedure 10.0
72255	thoracic supervision and interpretation only		7.2	<i>(For injection procedure only for arthrography, see 24220)</i>	
72256	complete procedure	18.0		73090	Forearm, including one joint, A-P and lateral 4.8 1.9
72265	lumbosacral supervision and interpretation only		7.2	73092	upper extremity, infant, minimum of two views 3.6 1.4
72266	complete procedure	18.0		73100	Wrist, limited, A-P and lateral 4.0 1.6
72270	entire spinal canal supervision and interpretation only		12.0	73110	complete, minimum of three views 6.0 2.4
72271	complete procedure	30.0		73115	Radiologic examination, wrist, arthrography, supervision and interpretation only 4.0
<i>(For injection procedures for myelography, see 62284)</i>				73116	complete procedure 10.0
72285	Diskography, cervical supervision and interpretation only		8.0	<i>(For injection procedure only for arthrography, see 25246)</i>	
72286	complete procedure	20.0		73120	Hand, limited, minimum of two views 4.0 1.6
72295	lumbar supervision and interpretation only		8.0	73130	complete, minimum of three views 6.0 2.4
72296	complete procedure	20.0		73140	Finger(s), minimum of two views 3.6 1.4
<i>(For injection procedures for diskography, see 62290, 62291)</i>				<u>73200</u>	<u>Computerized tomography, upper extremity, without</u>

	Unit Value	Professional Component
73201 <u>contrast material</u>	<u>58.0</u>	<u>13.0</u>
73201 <u>with contrast material(s)</u>	<u>64.0</u>	<u>13.0</u>
73202 <u>without contrast material, followed by contrast material(s) and further sections</u>	<u>71.0</u>	<u>13.0</u>

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-035 LOWER EXTREMITIES.

	Unit Value	Professional Component
73500 Radiologic examination, hip, unilateral, one view . . .	5.0	2.0
73510 complete, minimum of two views	7.0	2.8
73520 Radiologic examination, hips, bilateral, complete minimum of two views of each hip (including A-P of pelvis)	9.6	3.8
73525 Radiologic examination, hip, arthrography, supervision and interpretation only		BR
73526 complete procedure		BR

(For injection procedure only for arthrography, see 27093, 27094)

73530 Radiologic examination, hip, during operative procedure, up to four studies . . .	16.0	5.3
73531 each additional study, over four	3.0	1.2
73540 Radiologic examination, hip and pelvis, infant or child, minimum of two views	6.4	2.6
73550 Radiologic examination, femur (thigh), A-P and lateral	6.0	2.4
73560 Radiologic examination, knee, ((limited,)) A-P and lateral	4.4	1.8
((73570 complete, minimum of three views	6.4	2.6
73562 <u>A-P and lateral, with oblique(s), minimum</u>		

73564 <u>three views</u>	<u>6.4</u>	<u>2.6</u>
73564 <u>complete, including obliques, and/or tunnel, and/or patellar and/or standing views</u>	<u>8.4</u>	<u>3.3</u>
73580 Radiologic examination, knee, arthrography supervision and interpretation only		6.4
73581 complete procedure	16.0	

(For injection procedure for arthrography, see 27370)

73590 Radiologic examination, tibia and fibula (leg), including one joint, A-P and lateral	4.8	1.9
73592 lower extremity, infant, minimum of two views . . .	4.0	1.6
73600 Radiologic examination, ankle, limited, A-P and lateral	4.4	1.8
73610 complete, minimum of three views	6.0	2.4
73615 Radiologic examination, ankle, arthrography, supervision and interpretation only	((BR))	
	4.0	
73616 complete procedure	((BR))	
	10.0	

(For injection procedure only for arthrography, see 27648)

73620 Radiologic examination, foot, limited, A-P and lateral	4.0	1.6
73630 complete, minimum of three views	5.6	2.2
73650 Radiologic examination, calcaneus, minimum of two views	4.4	1.8
73660 Toe(s), minimum of two views	3.6	1.4
73700 <u>Computerized tomography, lower extremity, without contrast material</u>	<u>58.0</u>	<u>13.0</u>
73701 <u>with contrast material(s)</u>	<u>64.0</u>	<u>13.0</u>
73702 <u>without contrast material, followed by contrast materials and further sections</u>	<u>71.0</u>	<u>13.0</u>

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-040 ABDOMEN.

	Unit Value	Professional Component
74000 Abdomen, single view (KUB) A-P	6.0	2.4
74010 with additional oblique or cone view	8.0	3.2
74020 complete, includes ducubitus and/or erect views	11.0	4.4
74150 Computerized tomography, abdomen; without ((intravenous)) contrast material.	77.0	22.0
74160 with ((intravenous)) contrast material	84.0	22.0
74170 without ((intravenous)) contrast material, followed by ((intravenous)) contrast material and further sections	90.0	22.0

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-045 GASTROINTESTINAL TRACT.

	Unit Value	Professional Component
74210 Pharynx and/or cervical esophagus	8.8	4.8
74220 Esophagus	8.8	4.8
74230 Pharynx and/or esophagus, by cineradiography	12.0	6.6
74240 Uppergastrointestinal tract, with or without delayed films, without KUB	14.0	7.7
74241 with KUB	15.2	8.0
74245 with small bowel, includes multiple serial films	17.6	8.8
74246 <u>Radiological exam gastrointestinal tract, upper, air contrast, with specific high density barium, effervescent agent, with or without glucagon, with or without delayed films, without KUB</u>	<u>BR</u>	<u>BR</u>
74247 with KUB	<u>BR</u>	
74250 Small bowel, includes multiple serial films	14.0	7.0
74260 Duodenography, hypotonic	BR	

	Unit Value	Professional Component
74270 Colon, barium enema	12.0	6.6
((74275 with air contrast	17.6	8.8)
74280 Air contrast((,only)) with specific high density barium with or without glucagon	14.0	7.0
74285 high kilovoltage technique for polyp study ...	BR	
74290 Cholecystography, oral contrast	9.6	3.8
74291 repeat examination, same study or multiple exam	4.8	1.9
74300 Cholangiography, operative	10.0	4.0
74301 <u>operative, additional set.</u>	<u>3.0</u>	<u>1.2</u>
74305 postoperative	12.0	6.0
(For biliary duct stone extraction, percutaneous, see 47630; via basket catheter, see 74327)		
74310 intravenous	16.0	6.4
74315 oral	12.0	4.8
74320 percutaneous, transhepatic supervision and interpretation only		6.4
74321 complete procedure	16.0	
(For injection procedure for percutaneous transhepatic cholangiography, see 47500)		
74325 Diagnostic pneumoperitoneum; supervision and interpretation only	BR	
74326 complete procedure	BR	
(For injection procedure only for pneumoperitoneum, see 49400)		
74327 Postoperative biliary duct stone removal, fluoroscopic monitoring and radiography	BR	
74328 Endoscopic catheterization of the biliary ductal system, fluoroscopic monitoring and radiography	BR	
74329 Endoscopic catheterization of the pancreatic ductal system, fluoroscopic monitoring and radiography ...	BR	
74330 Combined endoscopic catheterization of the biliary and pancreatic ductal systems, fluoroscopic monitoring and radiography	BR	
74331 with endoscopic sphincterotomy	BR	

	Unit Value	Profes- sional Com- po- nent		Unit Value	Profes- sional Com- po- nent
74340 Introduction of long gastrointest- inal tube (e.g., Miller-Abbott), with mul- tiple fluoroscopies and films	BR		pericardial effusion or atrial wall thickness; ((intra-venous,)) supervision and interpretation only	((20.0)) <u>20.0</u>	8.0 ((BR))

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-065 VASCULAR SYSTEM.

(For vascular injection procedures, see 36000-36299.)

(For cardiac fluoroscopy, see 93280)

(For cardiac catheterization, see 93501-93599.)

When multiple vascular radiographic procedures are performed at the same time (e.g., aortic arch study plus renal arteriogram), the total value shall be the value for the major procedure plus 50% of the value for the lesser procedure(s) unless otherwise indicated. See modifier -5. The cost of catheters, drugs and contrast media is included in the listed value for the radiographic procedure.

	Unit Value	Profes- sional Com- po- nent		Unit Value	Profes- sional Com- po- nent
			75511 complete procedure	((75520)) <u>75519</u>	17.2 <u>43.0</u>
			75520 complete procedure		8.6
			75523 left side, supervision and interpretation only		21.5 ((BR))
			75524 left side, complete procedure		55.0 ((BR))
			75528 Cardiac radiography, selective cardiac catheterization, right and left side, complete procedure		

AORTA AND ARTERIES

(For injection procedure only, see 36100-36299)

Aortography

	Unit Value	Profes- sional Com- po- nent		Unit Value	Profes- sional Com- po- nent
HEART			75600 thoracic or abdominal, without serialography supervision and interpretation only		8.0
75500 Angiocardiology, by cineradiography supervision and interpretation only . . . ((BR+))	((=)) <u>8.8</u>		75601 complete procedure	20.0	
75501 complete procedure (including catheterization)	<u>22.0</u>	((BR))	75605 by serialography supervision and interpretation only		11.0
75505 Angiocardiology by serialography (single plane,) supervision and interpretation only	((BR+)) <u>9.2</u>	—	75606 complete procedure	30.0	
75506 complete procedure (including catheterization)	<u>23.0</u>	((BR))	75620 Abdominal, including lower extremities, without serialography	32.0	11.2
75507 Angiocardiology by serialography, multi-plane, supervision and interpretation only	((BR)) <u>18.4</u>		75622 Abdominal, catheter, without serialography	<u>32.0</u>	<u>11.2</u>
75509 complete procedure (including catheterization)	<u>46.0</u>	((BR))	75625 Aortography, abdominal, translumbar, by serialography, supervision and interpretation only		15.2
75510 ((EΘ ₇)) Angiocardiology, CO ₂ or positive contrast, intravenous, for			75626 complete procedure	40.0	
			75627 Aortography, abdominal, catheter, by serialography, supervision and interpretation only		17.0
			75628 complete procedure	48.0	
			75630 Aortography, abdominal plus bilateral ileofemoral		

	Unit Value	Professional Component		Unit Value	Professional Component
<u>lower extremity, catheter, by serialography, supervision and interpretation only</u>		<u>BR</u>	75676	Angiography, carotid, cervical, unilateral; supervision and interpretation only	17.2
75631 <u>complete procedure</u>	<u>BR</u>		75677	direct puncture, complete procedure	40.0
75650 Angiography, cervicocerebral, catheter, including vessel origin; supervision and interpretation only	40.0	17.2	75678	catheter, complete procedure	46.0 19.7
75651 complete procedure	40.0		75680	Angiography, carotid, cervical, bilateral; supervision and interpretation only	21.5
75652 Angiography, cervicocerebral, selective catheter, including vessel origin; one vessel, supervision and interpretation only		12.6	75681	direct puncture, complete procedure	50.0
75653 one vessel, complete procedure	36.0		75682	catheter, complete procedure	54.0 23.2
75654 two vessels, supervision and interpretation only		13.3	75685	Angiography, vertebral; supervision and interpretation only	17.2
75655 two vessels, complete procedure	38.0		75686	direct puncture, complete procedure	40.0
75656 three or four vessels, supervision and interpretation only		17.2	75687	catheter, complete procedure	46.0 19.7
75657 three or four vessels, complete procedure	40.0		75690	Angiography, vertebral, cervical, unilateral; supervision and interpretation only	17.2
75658 Angiography, brachial, retrograde; supervision and interpretation only		17.2	75691	direct puncture, complete procedure	40.0
75659 complete procedure	40.0		75692	catheter, complete procedure	46.0 19.7
75660 Angiography, carotid, cerebral, unilateral, selective external; supervision and interpretation only		17.2	75695	Angiography, vertebral, cervical, bilateral; supervision and interpretation only	21.5
75661 complete procedure	40.0		75696	direct puncture, complete procedure	50.0
75662 Angiography, carotid, cerebral, bilateral, selective external; supervision and interpretation only		21.5	75697	catheter, complete procedure	54.0 23.2
75663 complete procedure	50.0		75705	Angiography, spinal, selective; supervision and interpretation only	9.8
75665 Angiography, carotid, cerebral, unilateral; supervision and interpretation only		17.2	75706	complete procedure	28.0
75667 direct puncture, complete procedure	40.0		75710	Angiography, extremity, unilateral, supervision and interpretation only	10.5
75669 catheter, complete procedure	46.0	19.7	75711	without serialography, complete procedure	30.0
75671 Angiography, carotid, cerebral, bilateral; supervision and interpretation only		21.5	75712	by serialography, complete procedure	32.0 11.2
75672 direct puncture, complete procedure	50.0		75716	Angiography, extremity, bilateral; supervision and interpretation only	11.2
75673 catheter, complete procedure	54.0	23.2	75717	without serialography, complete procedure	32.0
			75718	by serialography, complete procedure	34.0 11.9

	Unit Value	Professional Component		Unit Value	Professional Component
75722			75748		
Angiography, renal, unilateral, selective (including flush aortogram); supervision and interpretation only		17.2	venous injection, complete procedure	40.0	15.2
75723	40.0		75750		
complete procedure			Angiography, coronary, root injection; supervision and interpretation only		25.8
75724			75751	60.0	
Angiography, renal, bilateral, selective (including flush aortogram); supervision and interpretation only		25.8	complete procedure		
75725	60.0		75752		
complete procedure			Angiography, coronary, unilateral selective injection, including left ventricular and supravulvular angiogram and pressure recording; supervision and interpretation only		30.1
75726			75753	70.0	
Angiography, visceral; selective or suprasedective, supervision and interpretation only		19.7	complete procedure		
75727			75754		
selective (including flush aortogram), complete procedure	46.0	19.7	Angiography, coronary, bilateral selective injection, including left ventricular and supravulvular angiogram and pressure recording; supervision and interpretation only		34.4
75728			75755	80.0	
suprasedective, complete procedure	48.0	20.6	complete procedure		
75731			75756		
Angiography, adrenal, unilateral, selective; supervision and interpretation only		19.7	Angiography, internal mammary; supervision and interpretation only		15.2
75732	46.0		75757	40.0	
complete procedure			complete procedure		
75733			75762		
Angiography, adrenal, bilateral, selective; supervision and interpretation only		20.6	<u>Angiography, coronary bypass, unilateral selective injection; supervision and interpretation only</u>		<u>BR</u>
75734	48.0		75764	<u>BR</u>	
complete procedure			<u>complete procedure</u>		
75736			75766		
Angiography, pelvic, selective or suprasedective, supervision and interpretation only		18.9	<u>Angiography, coronary bypass, multiple selective injection; supervision and interpretation only</u>		<u>BR</u>
75737			75767	<u>BR</u>	
selective, complete procedure	44.0		<u>complete procedure</u>		
75738			VEINS AND LYMPHATICS		
suprasedective, complete procedure	46.0	19.7	(For injection procedure only for venous system, see 36400-36510)		
75741			(For injection procedure only for lymphatic system, see 38790-38794)		
Angiography, pulmonary, unilateral, selective; supervision and interpretation only		10.5	75801		
75742	30.0		Lymphangiography, extremity only, unilateral; supervision and interpretation only		9.6
complete procedure			75802	25.0	
75743			complete procedure		
Angiography, pulmonary, bilateral, selective; supervision and interpretation only		21.5	75803		
75744	50.0		Lymphangiography, extremity only, bilateral; supervision and interpretation only		12.0
complete procedure			75804	35.0	
75746			complete procedure		
Angiography, pulmonary; by nonselective catheter or venous injection, supervision and interpretation only		10.5			
75747	30.0				
catheter, nonselective, complete procedure					

	Unit Value	Profes- sional Com- po- nent		Unit Value	Profes- sional Com- po- nent
75805 Lymphangiography, pelvic/abdominal, unilateral; supervision and interpretation only		12.0	75850 Venography, intraosseous; supervision and interpretation only	28.0	10.6
75806 complete procedure	35.0		75851 complete procedure	32.0	12.2
75807 Lymphangiography, pelvic/abdominal, bilateral; supervision and interpretation only		12.0	75860 Venography, sinus or jugular, catheter, supervision and interpretation only	30.0	10.8
75808 complete procedure	35.0		75861 complete procedure	32.0	12.2
75810 Splenoportography ((BR+))		((=)) 15.2	75870 Venography, superior sagittal sinus; supervision and interpretation only		12.2
75811 complete procedure 40.		((BR))	75871 complete procedure, including direct puncture	32.0	
(For injection procedure for splenoportography, see 38200)			75880 Venography, orbital; supervision and interpretation only		13.7
75820 Venography, extremity, unilateral supervision and interpretation only		8.0	75881 complete procedure	36.0	
75821 complete procedure	16.0		75885 Percutaneous transhepatic portography with hemodynamic evaluation; supervision and interpretation only		13.7
75822 Venography, extremity, bilateral; supervision and interpretation only		10.0	75886 complete procedure	36.0	
75823 complete procedure	26.0		75887 Percutaneous transhepatic portography without hemodynamic evaluation; supervision and interpretation only		12.9
75825 caval, inferior or superior, with serialography		16.0	75888 complete procedure	34.0	
75826 complete procedure	32.0		75889 Hepatic venography wedged or free, with hemodynamic evaluation; supervision and interpretation only		14.4
75827 Venography, caval, superior, with serialography; supervision and interpretation only		12.0	75890 complete procedure	38.0	
75828 complete procedure	35.0		75891 Hepatic venography, wedged or free, without hemodynamic evaluation; supervision and interpretation only		12.9
75831 Venography, renal, unilateral, selective; supervision and interpretation only		15.2	75892 complete procedure	34.0	
75832 complete procedure	40.0		75893 Venous sampling thru catheter without angiography (e.g., for parathyroid hormone, renin)	5.0	1.9
75833 Venography, renal, bilateral, selective; supervision and interpretation only		19.5	TRANSCATHETER THERAPY AND BIOPSY		
75834 complete procedure	45.0		75894 Transcatheter therapy, embolization, including angiography; supervision and interpretation only		15.2
75840 Venography, adrenal, unilateral, selective; supervision and interpretation only		10.8	75895 complete procedure	40.0	
75841 complete procedure	30.0		75896 Transcatheter therapy, infusion, including angiography; supervision and		
75842 Venography, adrenal, bilateral, selective; supervision and interpretation only		12.2			
75843 complete procedure	32.0				
75845 Venography, azygos, selective or nonselective, supervision and interpretation only		10.6			
75846 selective, complete procedure	30.0				
75847 nonselective, complete					

	Unit Value	Professional Component		Unit Value	Professional Component
75897 interpretation only		15.9	<u>75984</u> <u>Change of percutaneous drainage catheter with contrast monitoring (i.e., biliary tract, urinary tract); supervision and interpretation only</u>		<u>BR</u>
75898 complete procedure	42.0				
75950 Angiogram through existing catheter for follow-up study for transcatheter therapy, embolization or infusion	10.0	3.8	<u>75985</u> <u>complete procedure</u>		<u>BR</u>
75951 <u>Transcatheter intravascular occlusion, temporary; supervision and interpretation only</u>		<u>BR</u>	<u>AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)</u>		
75955 <u>complete procedure</u>	<u>BR</u>		<u>WAC 296-23-079 MISCELLANEOUS.</u>		
75956 <u>Transcatheter intravascular occlusion, permanent; supervision and interpretation only</u>		<u>BR</u>			Professional Component
75970 <u>complete procedure</u>	<u>BR</u>			Unit Value	Component
75971 <u>Transcatheter biopsy; supervision and interpretation only</u>		<u>BR</u>	(For arthrography of shoulder, see 73040, 73041; elbow, see 73085, 73086; wrist, see 73115, 73116; hip, see 73525, 73526; knee, see 73580, 73581; ankle, see 73615, 73616)		
75971 <u>complete procedure</u>	<u>BR</u>				
<u>(For transcatheter renal and ureteral biopsy, see 52007, 52107)</u>			76000	Fluoroscopy (independent procedures)	3.0 3.0
75972 <u>Percutaneous transluminal angioplasty, unilateral; supervision and interpretation only</u>		<u>BR</u>	76020	Bone age studies	6.0 2.4
75973 <u>complete procedure</u>	<u>BR</u>		76040	Bone length studies (orthoroentgenogram)	10.0 4.0
75974 <u>Percutaneous transluminal angioplasty, bilateral; single catheter, supervision and interpretation only</u>		<u>BR</u>	((76060)) 76061	Bone survey ((long bone or)) e.g., for metastases)	15.2 6.1
75975 <u>complete procedure</u>	<u>BR</u>		76062	<u>complete (axial and appendicular skeleton)</u>	<u>BR</u>
75976 <u>Percutaneous transluminal angioplasty, bilateral, dual catheters, supervision and interpretation only</u>		<u>BR</u>	76065	osseous survey, infant	13.2 5.3
75977 <u>complete procedure</u>	<u>BR</u>		76080	Fistula or sinus tract study supervision and interpretation only	4.8
75980 <u>Percutaneous transhepatic biliary drainage with monitoring, supervision and interpretation only</u>		<u>BR</u>	76081	complete procedure	12.0
75981 <u>complete procedure</u>	<u>BR</u>		76090	Mammography, unilateral	8.8 3.5
75982 <u>Percutaneous placement of drainage catheter for combined internal and external biliary drainage or of a drainage stent for internal biliary drainage in patients with an inoperable mechanical biliary obstruction; supervision and interpretation only</u>		<u>BR</u>	76091	bilateral	13.2 5.3
75983 <u>complete procedure</u>	<u>BR</u>		76100	Laminography (tomography, planigraphy, body section radiography) (independent procedure)	13.2 9.2
			76105	to complement routine examination	7.0 2.8
			76120	Cineradiography (independent procedure)	13.2 5.3
			76125	to complement routine examination	7.0 2.8
			76127	Procedures using Polaroid or similar photographic media	0.8 0.3
			76130	Radiologic examination; at bedside or in operating	

	Unit Value	Professional Component		Unit Value
room, not otherwise specified	BR		The services listed do not include the provision of radium or other radioelements. Those materials supplied by the physician should be listed separately and identified by the code 79900.	
76135 in home	BR		Where the radiologist renders full medical care (in addition to radiotherapy management) of a patient while in the hospital, such additional care may be identified by the appropriate procedure from the MEDICINE or SURGERY section.	
76137 after regular hours	BR			
76140 Written consultation on x-ray examination made elsewhere	BR+	—	TREATMENT PLANNING PROCESS (EXTERNAL AND INTERNAL SOURCES)	
76150 Xeroradiography	6.0		77260 Radiation therapy treatment planning, inclusive service (including interpretation of special testing, patient contour and localization of internal structures)	BR
76300 Thermography	BR		77265 interpretation of special testing ordered by the radiation therapist	BR
76350 Subtraction in conjunction with contrast studies	BR		77270 patient contour and localization of internal structures	BR
76360 Computerized tomography guidance for needle biopsy, supervision and interpretation only		BR	77275 setting of each treatment port	BR
76361 complete procedure	BR		77280 Radiation therapy simulator aided field setting, simple	BR
76365 Computerized tomography guidance for cyst aspiration; supervision and interpretation only		BR	77285 intermediate	BR
76366 complete procedure	BR		77290 complex	BR
76370 Computerized tomography guidance for placement of radiation therapy fields	BR		77299 Unlisted procedure, radiation therapy planning	BR
76499 Unlisted diagnostic radiologic procedure	BR		DOSIMETRY (EXTERNAL SOURCE FIELDS) RADIATION PHYSICS	
AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)			77300 Radiation therapy, central axis depth dose computation	4.0
WAC 296-23-07906 OBSTETRICS, GYNECOLOGY AND PELVIS.			77305 Radiation therapy, isodose plan; simple (one or two therapy beams)	3.0
	Unit Value		77310 intermediate (three or more therapy beams)	4.0
76805 Echography, pelvic scan B-mode, (e.g., obstetrics, gynecology, or transplants); complete	21.2		77315 complex (one or more beams plus additional procedures)	6.0
76815 fetal growth rate only	9.7		77320 Radiation therapy isodose plan; wedge fields	5.0
76855 Echography, pelvic area (Doppler)	11.4		77325 arc field	5.0
76856 Echography, pelvic, real time	BR		77330 rotation field	6.0
EXTREMITIES			77335 moving strip field	6.0
76880 Echography, extremity, B-scan	BR		77340 isocentric (in addition to above)	2.0
AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)			77345 Radiation therapy, tissue and geometric inhomogeneity correction (in addition to above)	2.0
WAC 296-23-080 RADIO THERAPY—GENERAL INFORMATION AND INSTRUCTIONS. (1) Radiation therapy as listed in this section includes teletherapy (i.e., the use of X-ray and other high-energy modalities, radium, cobalt, etc.) and brachytherapy for surface, intracavitary or interstitial application. For treatment by injectable or ingestible radioactive isotopes, see section on Nuclear Medicine.			77350 electron beam (in addition to above)	2.0
			77355 neutron beam (in addition to above)	2.0
			77360 special beam considerations (in addition to above)	2.0
			77399 Unlisted procedure, external radiation dosimetry	BR
			TREATMENT MANAGEMENT	
			Except as specified, assumes treatment on daily (usually 5 per week)	

	Unit Value
basis and use of supervoltage/megavoltage or high energy particle sources	
77400 Daily radiation therapy treatment management, simple	2.0
77405 intermediate	3.0
77410 complex	4.0
77415 Radiation treatment port verifica- tion films	3.0
77420 Weekly radiation therapy treatment management, simple	4.0
77425 intermediate	5.0
77430 complex	6.0
77435 Course of radiation therapy treat- ment management, simple	6.0
77440 intermediate	8.0
77445 complex	10.0
77450 Daily transvaginal external radia- tion treatment	2.0
77455 Daily per oral external radiation treatment	1.0
77460 ((Daily)) <u>Course of superficial ex-</u> <u>ternal radiation treatment, (includ-</u> <u>ing Grenz rays) with or without</u> <u>auxiliary shielding</u>	1.0
<u>For complicated shielding devices,</u> <u>see treatment aids, 77600-77635</u>	
77465 Daily orthovoltage external treat- ment	2.0
77499 Unlisted procedure, radiation thera- py treatment management	BR
TREATMENT AIDS	
77600 Radiation therapy treatment aid(s); wedge filter design and fabrication .	2.0
77605 bolus design and fabrication	2.0
77610 field block design and fabrica- tion	2.0
77615 compensating filter design and fabrication	2.0
77620 moulds or casts for immobiliza- tion	2.0
77625 stents or bite blocks	2.0
77630 Provision of external compensating shield; for radium sources	3.0
77635 for radioisotope sources	3.0
77699 Unlisted procedure, radiation thera- py treatment aid	BR
DOSIMETRY (INTERNAL SOURCES) RADIA- TION PHYSICS	
77700 Radium therapy dosimetry and in- terpretation of application	BR
77705 Radioisotope therapy dosimetry and interpretation of application	BR
77749 Unlisted procedure, internal radia- tion dosimetry	BR

RADIUM AND RADIOISOTOPE THERAPY

(Professional service component
only)

77750 Infusion of radioactive materials for therapy (includes handling and loading)	5.0
77755 Supervision and consultation of radioelement application only	5.0
77760 Intracavitary radium application (includes handling and loading) ...	5.0
77765 Intracavitary radioisotope applica- tion (includes handling and load- ing)	5.0
77770 Interstitial radium application (in- cludes handling and loading)	5.0
77775 Interstitial radioisotope therapy (in- cludes handling and loading)	5.0
77780 Radium handling and loading	5.0
77785 Radioisotope handling and loading .	5.0
77799 Unlisted procedure, radium and ra- dioisotope therapy	BR

AMENDATORY SECTION (Amending Order 80-29,
filed 12/23/80, effective 3/1/81)

WAC 296-23-200 PATHOLOGY GENERAL
INFORMATION AND INSTRUCTION. Rules and
billing procedure pertaining to all practitioners rendering
service to injured workers are presented in General in-
formation section beginning with WAC 296-20-010.
Some commonalities are repeated here for convenience
of those doctors referring to Pathology section. Defini-
tions and rules to Pathology are also included here.

(1) The following values apply only when these ser-
vices are performed by or under the responsible supervi-
sion of a physician. Unless otherwise specified, the listed
values include the collection and handling of the speci-
mens by the laboratory performing the procedure.

(2) Lab reports must be attached to bills for lab ser-
vices. See WAC 296-20-125 for further billing
instruction.

(3) Laboratory procedures performed by other than
the billing physician shall be billed at the value charged
that physician by the reference (outside) laboratory un-
der the individual procedure number or the panel proce-
dure number listed under "PANEL OR PROFILE
TESTS" (see modifier -90).

(4) The department or self-insurer may deny payment
for lab procedures which are determined to be excessive
or unnecessary for management of the injury or
conditions.

(5) Panel (Profile) Tests: Panel (Profile) tests are de-
fined as certain multiple tests performed on a single
specimen of blood or urine. They are distinguished from
the single or multiple test(s) performed on an "individu-
al," "immediate" or "stat" reporting basis. denotes test
performed as part of a panel, see 80003-80013.

	Unit Value		Unit Value
82000 Acetaldehyde, blood	40.0		
82003 Acetaminophen, urine	40.0		
(Acetic anhydride, see volatiles, 84600)			
82005 Acetoacetic acid, serum	40.0		
82009 Acetone, qualitative	12.0		
82010 quantitative	12.0		
(For acetone bodies, see 82009-82010, 82635, 83947)			
82011 Acetylsalicylic acid, quantitative	32.0		
82012 qualitative	32.0		
82013 Acetylcholinesterase,	40.0		
(Acid, gastric, see gastric acid, 82926-82932)			
(Acid phosphatase, see 84060-84065)			
82015 Acidity, titratable, urine	30.0		
(ACTH, see 82024)			
(Adrenalin-Noradrenalin, see catecholamines, 82382-82384)			
82024 Adrenocorticotrophic hormone (ACTH), RIA	120.0		
82030 Adenosine 5-diphosphate and 5-monophosphate, (AMP), cyclic, RIA blood	40.0		
82035 5-triphosphate, blood	40.0		
82040 Albumin, serum	20.0		
82042 urine, quantitative (specify method, e.g., Esbach)	20.0		
(For albumin/globulin ratio, albumin/globulin ratio by electrophoretic method, see 84155-84200.)			
82055 Alcohol (ethanol), blood, chemical	30.0		
82060 by gas-liquid chromatography	40.0		
82065 urine, chemical	30.0		
82070 by gas-liquid chromatography	40.0		
82072 Alcohol (ethanol) gelation	30.0		
82075 breath	60.0		
82076 Alcohol, isopropyl	60.0		
82078 methyl	60.0		
82085 Aldolase, blood, kinetic ultraviolet method	26.0		
82086 colorimetric	20.0		
82087 Aldosterone, double isotope technique	120.0		
82088 RIA blood	100.0		
82089 RIA urine	100.0		
(Alkaline phosphatase, see 84075-84080)			
82095 Alkaloids, tissue, screening	80.0		
82096 quantitative	120.0		
82100 urine, screening	80.0		
82101 quantitative	120.0		
(See also 82486, 82600, 82662, 82755, 84231)			
(Alpha amino acid nitrogen, see 82126)			
		(Alpha-hydroxybutyric (HBD) dehydrogenase, see 83485, 83486)	
		(Alphaketoglutarate, see 83584)	
		(Alpha tocopherol (Vitamin E), see 84446)	
		82126 Alpha amino acid nitrogen	50.0
		82128 Amino acids, qualitative	40.0
		82130 Amino acids, urine, chromatographic fractionation and quantitation	180.0
		82134 Aminohippurate, para (PAH)	30.0
		(For administration, see 36410, 99070)	
		82135 Aminolevulinic acid, delta (ALA)	50.0
		82137 Aminophylline	60.0
		82138 Amitriptyline	60.0
		82140 Ammonia, blood	40.0
		82141 urine	40.0
		82142 Ammonium chloride loading test	40.0
		82143 Amniotic fluid scan (spectrophotometric)	50.0
		(For L/S ratio, see 83661)	
		(Amobarbital, see 82205-82210)	
		82145 Amphetamine, or methamphetamine, chemical, quantitative	80.0
		82150 Amylase, serum	30.0
		82155 isoenzymes electrophoretic	BR+
		82156 urine (diastase)	30.0
		82157 Androstenedione RIA	80.0
		82159 Androsterone	50.0
		(See also 83593-83596)	
		(Angiotensin I, see renin, 84244)	
		82163 Angiotensin II, RIA	BR
		82165 Aniline	BR
		82168 Antihistamines	BR
		82170 Antimony, urine	80.0
		(Antimony, screen, see 83015)	
		(Antitrypsin, alpha-1-, see 86329)	
		82173 Arginine tolerance test	BR
		82175 Arsenic, blood, urine, gastric contents, hair or nails, quantitative	80.0
		(For heavy metal screening, see 83015)	
		82180 Ascorbic acid, blood	40.0
		(Aspirin, see acetylsalicylic acid, 82011, 82012)	
		(Atherogenic index, blood, ultracentrifugation, quantitative, see 83717)	
		82205 Barbiturates quantitative	60.0
		82210 quantitative and identification	80.0
		(For qualitative screen, see 82486, 82660, 82662, 82755, 84231)	
		82225 Barium	BR

	Unit Value		Unit Value
		82376 qualitative	48.0
(Bence-Jones protein, 84185)		(Carbon tetrachloride, see 84600)	
82230 Beryllium, urine	80.0	(Carboxyhemoglobin, see 82375, 82376)	
82235 Bicarbonate excretion, urine	BR	82380 Carotene, blood	40.0
82236 Bicarbonate loading test	BR	(Carotene plus Vitamin A, see 84595)	
(Bicarbonate, see 82374)		82382 Catecholamines (dopamine, norepinephrine, epinephrine); total urine	BR
82240 Bile acids, blood, fractionated	120.0	82383 blood	BR
82245 Bile pigments, urine	8.0	82384 fractionated	BR
°82250 Bilirubin, blood, total or direct	°24.0	(For urine metabolites, see 83835, 84585)	
82251 blood, total AND direct	30.0	82390 Ceruloplasmin (copper oxidase), blood	40.0
82252 feces, qualitative	BR	(For gel diffusion technique, see 86331; immunodiffusion technique, see 86329)	
82260 urine, quantitative	12.0	82400 Chloral hydrate, blood	60.0
82265 amniotic fluid, quantitative	30.0	82405 urine	40.0
82268 Bismuth	80.0	82415 Chloramphenicol, blood	40.0
82270 Blood, feces, occult, screening	8.0	82418 Chlorazepate dipotassium	40.0
82273 duodenal, gastric contents, qualitative	BR	82420 Chlordiazepoxide, blood	60.0
(Blood urea nitrogen (BUN), see 84520-84525, 84545)		82425 urine	60.0
(Blood volume, see 84605-84610, 78110, 78111)		°82435 Chlorides, blood, (specify chemical or electrometric)	°20.0
82280 Boric acid, blood	100.0	82436 urine, (specify chemical, electrometric or Fantus test)	20.0
82285 urine	100.0	82437 sweat (without iontophoresis)	20.0
82286 Bradykinin	BR	(For iontophoresis, see 89360)	
82290 Bromides, blood	24.0	82438 spinal fluid	20.0
82291 urine	40.0	82441 Chlorinated hydrocarbons, screen	20.0
(For bromsulphthalein (BSP), see 84382)		82443 Chlorothiazide-hydrochlorothiazide	60.0
82300 Cadmium, urine	100.0	(Chlorpromazine, see 84021, 84022)	
82305 Caffeine	60.0	°82465 Cholesterol, serum; total	°22.0
82306 Calcifediol (25-OH Vitamin D-3), chromatographical technique	BR	82470 total and esters	30.0
82307 Calciferol (Vitamin D) RIA	BR	82480 Cholinesterase, serum	40.0
82308 Calcitonin, RIA	80.0	82482 RBC	60.0
°82310 Calcium, blood, chemical	°22.0	82484 serum and RBC	80.0
°82315 fluorometric	°22.0	82485 Chondroitin B sulfate, quantitative	BR
82320 emission flame photometry	22.0	(Chorionic gonadotropin, see gonadotropin, 82996-83002)	
82325 atomic absorption flame photometry	24.0	82486 Chromatography, gas-liquid, compound and method not elsewhere specified	BR
82330 fractionated, diffusible	60.0	82487 paper, 1-dimensional, compound and method not elsewhere specified	BR
82331 after calcium infusion test	24.0	82488 paper, 2-dimensional, not elsewhere specified	BR
82335 urine, qualitative (Sulkowitch)	11.0	82489 thin layer, not elsewhere specified	BR
82340 quantitative timed specimen	32.0	82490 Chromium, blood	100.0
82345 feces, quantitative timed specimen	80.0	82495 urine	100.0
82355 Calculus (stone) qualitative, chemical	40.0	82505 Chymotrypsin, duodenal contents	30.0
82360 quantitative, chemical	60.0	82507 Citric acid	80.0
82365 infrared spectroscopy	60.0	(Cocaine, screen, see 82486, 82660, 82662, 82755, 84231)	
82370 X-ray defraction	50.0		
(Carbamates, see individual listings)			
82372 Carbamazepine, serum	BR		
82374 Carbon dioxide, combining power or content	10.0		
(See also 82801-82803, 82817)			
82375 Carbon monoxide, (carboxyhemoglobin); quantitative	48.0		

	Unit Value		Unit Value
(Codeine, quantitative, see 82096, 82101)		(Delta-aminolevulinic acid (ALA), see 82135)	
(Complement, see 86159-86162)		82626 Dehydroepiandrosterone, RIA	BR
(Compound S, see 82634)		(See also 83593-83596)	
82525 Copper, blood	60.0	82628 Desipramine	BR
82526 urine	60.0	82633 Desoxycorticosterone, 11-RIA	BR
(Copro bilinogen, feces, 84575)		(See also 83593-83596)	
(Coproporphyrins, see 84118-84121)		82634 Desoxycortisol, 11-(compound S), RIA	80.0
(Corticosteroids, see 83492-83496)		(See also 83492)	
82528 Corticosterone, RIA	BR	82635 Diacetic acid	18.0
(See also 83593-83597)		(Diagnex Blue, tubeless gastric, see 82939)	
82529 Cortisol; fluorometric, plasma	36.0	(Diastase, urine, see 82156)	
82531 CPB, plasma	75.0	82636 Diazepam	50.0
82532 CPB, urine	75.0	82638 Dibucaine number	34.0
82533 RIA, plasma	90.0	82639 Dicumarol	BR
82534 RIA, urine	90.0	(Dichloroethane, see 84600)	
82536 after adrenocorticotropic hormone (ACTH) Administration	BR	(Dichloromethane, see 84600)	
82537 48 hours after continuous ACTH infusion	BR	(Diethylether, see 84600)	
82538 after metyrapone tartrate administration	BR	82640 Digitoxin digitalis, blood RIA	BR+
82539 dexamethasone suppression test, plasma and/or urine	BR	82641 urine	BR+
82540 Creatine, blood	24.0	82643 Digoxin, RIA	36.0
82545 urine	40.0	82646 Dihydrocodinone	BR
82546 Creatine and creatinine	50.0	(Dihydrocodinone screen, see 82486-82489, 82662, 82755, 84231)	
82550 Creatine phosphokinase (CPK), blood, timed kinetic ultraviolet method	26.0	82649 Dihydromorphinone, quantitative	75.0
82552 isoenzymes	30.0	(Dihydromorphinone screen, see 82486, 82489, 82662, 82755, 84231)	
82555 colorimetric	20.0	82651 Dihydrotestosterone (DHT)	BR
°82565 Creatinine, blood	°20.0	82654 Dimethadione	BR
°82570 urine	°20.0	(Diphenylhydantoin, see 84045)	
°82575 clearance	°40.0	(Dopamine, see 82382-82384)	
82585 Cryofibrinogen, blood	40.0	82656 Doxepin	BR
82595 Cryoglobulin, blood	40.0	82660 Drug screen (amphetamines, barbiturates, alkaloids)	80.0
(Crystals, pyrophosphate vs. urate, see 84208)		(See also 82486-82489, 82662, 82755, 84231)	
82600 Cyanide, blood	80.0	(Duodenal contents, see individual enzymes; for intubation and collection, see 89100)	
82601 tissue	80.0	82662 Enzyme immunoassay technique for drugs, EMIT	30.0
82606 Cyanocobalamin (Vitamin B-12); bioassay	BR	82664 Electrophoretic technique, not elsewhere specified	45.0
82607 RIA	BR	82666 Epiandrosterone	BR
(Cyclic AMP, see 82030)		(See also 83593, 83596)	
(Cyclic GMP, see 83008)		(Epinephrine, see 82382-82384)	
82614 Cystine, blood, qualitative	BR		
82615 Cystine, and homocystine, urine, qualitative	30.0		
82620 quantitative	40.0		
82624 Cystine aminopeptidase	BR		
(D hemoglobin, see 83053)			

	Unit Value		Unit Value
82668 Erythropoietin, bioassay	BR	82763 tolerance test	75.0
(For HI method, see 86280)		82765 urine	40.0
82670 Estradiol, RIA (placental)	90.0	82775 Galactose-1-phosphate uridyl trans- ferase	60.0
82671 Estrogens, fractionated	85.0	(For TLC screen, see 84375)	
82672 total	60.0	82776 screen	18.0
82673 Estriol, placental; fluorometric	54.0	82780 Gallium	BR
82674 GLC	45.0	82784 Gammaglobulin, A, D, G, M nephe- lometric, each	12.0
82676 Estriol, nonpregnancy, chemical	75.0	82785 Gammaglobulin, E, RIA	75.0
82677 RIA	105.0	82786 Gammaglobulin, salt precipitation method	21.0
82678 Estrone, chemical	75.0	(Gammaglobulin by gel (immuno) diffusion, see 86329)	
82679 RIA	90.0	(Gamma-glutamyl transpeptidase (GGT), see 82977)	
(Ethanol, see 82055-82075)		82790 Gases, blood, oxygen saturation; by calculation from pO ₂	40.0
82690 Ethchlorvynol (Placidyl), blood	60.0	82791 by manometry	40.0
82691 urine	60.0	82792 by oximetry	20.0
82692 Ethosuximide	BR	82793 by spectrophotometry	40.0
(Ethyl alcohol, see 82055-82075)		82795 by calculation from pCO ₂	6.0
82694 Etiocholanolone	BR	82800 Gases, blood, pH, only	20.0
(See also 83593, 83596)		82801 pCO ₂	24.0
(Evans Blue, see blood volume, 84605- 84610)		82802 pH, pCO ₂ by electrode	42.0
82705 Fat or lipids, feces, screening	10.0	82803 pH, pCO ₂ , pO ₂ simultaneous	54.0
82710 quantitative, 24 or 72 hour speci- men	100.0	82804 pO ₂ by electrode	40.0
82715 Fat differential, feces, quantitative	BR	82812 pO ₂ by manometry	24.0
82720 Fatty acids, blood, esterified	40.0	82817 pH, pCO ₂ by tonometry	24.0
82725 nonesterified	40.0	(For arterial puncture, see 36600)	
82727 Ferric chloride, urine	BR	(For blood gas studies as a part of pulmo- nary function studies, see 94700-94710)	
82728 Ferritin, specify method (e.g., RIA, immunoradiometric assay)	<u>BR</u>	82926 Gastric acid, free and total; single specimen	11.2
(Fetal hemoglobin, see hemoglobin 83020, 83033, and 85460)		82927 each additional specimen	9.0
(Fetoprotein, alpha-1, see 86329)		82928 Gastric acid, free or total; single spec- imen	9.0
82730 Fibrinogen, quantitative	21.0	82929 each additional specimen	7.5
(See also 85371, 85377)		82931 Gastric acid, pH titration; single spec- imen	24.0
82735 Fluoride, blood	100.0	82932 each additional specimen	18.0
82740 urine	100.0	82939 Gastric analysis, tubeless (Diagnex blue)	BR
82742 Flurazepam	BR	(Gastric analysis, with stimulation, see 89140, 89141)	
82745 Folic acid, (folate), blood bioassay	BR+	(Gastric analysis, pepsin, see 83974)	
82746 RIA	45.0	(For gastric intubation, see 89130, 74340)	
(Follicle stimulating hormone (FSH), see 83000, 83001)		(For aspiration of specimens with insulin administration (Hollander test), see 91075)	
82750 Formimino-glutamic acid (FIGLU), urine	100.0	82941 Gastrin, RIA	48.0
82755 Free radical assay technique for drugs (FRAT)	BR	(GGT, see 82977)	
82756 Free thyroxine index (T-7)	BR		
82757 Fructose, semen	BR		
(Fructose, TLC screen see 84375)			
82759 Galactokinase, RBC	BR		
82760 Galactose, blood	40.0		

	Unit Value		Unit Value
(GLC, gas liquid chromatography, see 82486)		83005 Guanase, blood.....	40.0
82942 Globulin, serum.....	10.5	83008 Guanosine monophosphate, cyclic, RIA.....	BR
(See also 82784, 82786, 84155-84200, 86329)		83010 Haptoglobin, chemical.....	60.0
82943 Glucagon, RIA.....	BR	83011 quantitative, electrophoresis.....	30.0
82944 Glucosamine.....	6.0	83012 phenotypes, electrophoresis.....	60.0
82947 Glucose, except urine (e.g., blood, spinal fluid, joint fluid).....	10.5	83015 Heavy metal screen (arsenic, bismuth, mercury, antimony); chemical (e.g., Reinsch, Gutzeit).....	30.0
82948 blood, stick test.....	8.2	83018 chromatography, DEAE column...	BR
82949 fermentation.....	22.5	83020 Hemoglobin, electrophoresis (includes A ₂ , S, C, etc.).....	80.0
82950 post glucose dose (includes glucose).....	13.5	(Hemoglobin, carboxyhemoglobin (CO), see 82375, 82376; colorimetric, see 85018, 85031)	
82951 tolerance test (GTT), three specimens (includes glucose).....	37.5	83030 F (fetal), chemical.....	40.0
82952 tolerance test, each additional beyond three specimens.....	10.5	83033 F(fetal), qualitative (APT) test, fecal.....	56.0
(For intravenous glucose tolerance test, use 36410, 99070)		83036 glycosylated (A1c).....	60.0
(For GTT with medication, use 36410, 90730, 99070)		83040 methemoglobin, electrophoretic separation.....	80.0
82953 tolbutamide tolerance test.....	15.0	83045 qualitative.....	20.0
(For insulin tolerance test, see 82937)		83050 quantitative.....	40.0
82954 urine.....	20.0	83051 plasma.....	40.0
(For intubation, see 89130, 79340)		83052 sickle, turbidimetric.....	34.0
82955 Glucose-6-phosphate dehydrogenase, erythrocyte.....	60.0	83053 solubility, S-D, etc.....	40.0
82960 screen.....	56.0	83055 sulfhemoglobin, qualitative.....	20.0
82961 Glucose tolerance test, intravenous...	BR	83060 quantitative.....	40.0
82965 Glutamate dehydrogenase, blood...	40.0	83065 thermolabile.....	BR
82975 Glutamine (glutamic acid amide), spinal fluid.....	80.0	83068 unstable, screen.....	BR
82977 Glutamyl transpeptidase, gamma (GGT).....	BR	83069 urine.....	BR
82978 Glutathione.....	BR	83070 Hemosiderin, urine.....	12.0
82979 Glutathione reductase, RBC.....	BR	(Heroin, screening, see 82660, 82486, 82662, 82755, 84231; quantitative, see 82096, 82101)	
82980 Glutethimide.....	56.2	(HIAA, see 83497)	
82985 Glycoprotein electrophoresis.....	60.0	83086 Histidine, blood, qualitative.....	BR
82995 Gold, blood.....	100.0	83087 urine, qualitative.....	BR
82996 Gonadotropin, chorionic, bioassay; qualitative.....	30.0	83088 Histamine.....	100.0
82997 quantitative.....	30.0	(Hollander test, see 91075)	
82998 Gonadotropin, chorionic, RIA.....	BR	(Homocystine, qualitative, see 82615)	
(For immunoassay, qualitative, see 86006, 86007)		(Homocystine, quantitative, see 82620)	
(For quantitative titer, see 86008, 86009)		83093 Homogentisic acid; blood, qualitative.....	BR
83000 Gonadotropin, pituitary FSH; bioassay.....	90.0	83094 Homogentisic acid, urine, qualitative.....	20.0
83001 RIA.....	90.0	83095 quantitative.....	40.0
83002 (LH)(ICSH)RIA.....	90.0	(Hormones, see individual alphabetic listings in chemistry section)	
83003 Growth hormone (HGH), (somatotropin) RIA.....	48.0	83150 homo-vanillic acid (HVA), urine..	80.0
83004 after glucose tolerance test.....	48.0	83485 Hydroxybutyric dehydrogenase, alpha (HBD), blood; kinetic ultraviolet method.....	22.0
		83486 colorimetric method.....	20.0
		83492 Hydroxycorticosteroids, 17- (17-OHCS); gas liquid chromatography	

	Unit Value		Unit Value
(GLC).....	82.0	87589 Ketosteroids, 17-(17-KS), urine, to- tal	36.0
83493 blood, Porter-Silber type.....	45.0	83590 fractionation, alpha/beta	60.0
83494 blood, fluorometric	38.0	83593 chromatographic fractionation	75.0
83495 urine, Porter-Silber type	52.0	83596 D/A/E ratio.....	BR
83496 urine, fluorometric	52.0	83597 1-desoxy: 11-oxy ratio	75.0
(See also 82531-82534, 82634, 84409)		(See also 82528, 82632, 82633, 82666, 82694)	
83497 Hydroxyindolacetic acid, 5-(HIAA), urine	60.0	83600 Kynurenic acid	90.0
(For HIAA, blood, see 84260)		83605 Lactate, lactic acid	40.0
83498 Hydroxyprogesterone, 17-d, RIA	105.0	83615 Lactic dehydrogenase (LDH), blood, kinetic ultraviolet method	26.0
83499 Hydroxyprogesterone, 20-.....	BR	°83620 colorimetric or fluorometric....	°20.0
83500 Hydroxy-proline, urine, free only	100.0	83624 heat or urea inhibition (total not included).....	24.0
83505 total only	100.0	83625 isozymes, electrophoretic separa- tion and quantitation	60.0
83510 free and total	180.0	83626 chemical separation	20.0
83523 Imipramine	67.0	83628 Lactic dehydrogenase, liver (LLDH) .	20.0
(Immunoglobulines, see 82784, 82785, 82786, 86329, 86335)		83629 Lactic dehydrogenase (LDH), urine..	20.0
83524 Indican, urine	35.0	83631 Lactic dehydrogenase (LDH), CSF ..	20.0
83525 Insulin, RIA	40.0	(For hydroxybutyric dehydrogenase (HBD), see 83485)	
83526 Insulin tolerance.....	80.0	83632 Lactogen, placental (HPL) chorionic somatomammotropin, RIA	30.0
(For proinsulin, see 84206)		83633 Lactose, urine, qualitative	20.0
83530 Insulin clearance	40.0	83634 quantitative.....	20.0
(For administration, see 36410, 99070)		(For tolerance, see 82951-82952)	
83533 Iodine, protein bound (PBI)	45.0	(For TLC screen, see 84375)	
83534 total.....	60.0	83645 Lead, screening, blood	20.0
(For thyroxine, see 84441)		83650 urine	20.0
(For triiodothyronine (true T-3), RIA, see 84480)		83655 quantitative, blood	60.0
(For T-3 or T-4 radioactive resin uptake, see RT3U, 84250; for RT3U+thyroxine, see 84251)		83660 urine	60.0
83540 Iron, serum, chemical	20.0	83661 Lecithin-sphingomyelin ratio (L/S ratio), amniotic fluid	75.0
83545 automated.....	12.0	83670 Leucine amino-peptidase (LAP), blood, kinetic ultraviolet method.....	26.0
83546 radioactive uptake method	30.0	83675 colorimetric	20.0
83550 binding capacity, serum chemical ..	20.0	83680 urine	26.0
83555 automated	12.0	83681 Leucine tolerance test	26.0
83565 radioactive uptake method	30.0	83685 Lidocaine	20.0
83570 Isocitric dehydrogenase (IDH), blood, kinetic ultraviolet	26.0	83690 Lipase, blood	30.0
83571 colorimetric	20.0	83700 Lipids, blood, total	30.0
(Isopropyl alcohol, see alcohol 82076)		83705 fractionated (cholesterol, triglycer- ides, phospholipids)	60.0
83576 Isonicotinic acid hydrazide (INH) ...	105.0	(For feces, see 82705-82715)	
83582 Ketogenic steroids, urine, 17-(17- KGS)	45.0	83715 Lipoprotein, blood, electrophoretic separation and quantitation	60.0
83583 1-desoxy: 11-oxy ratio	75.0	83717 ultracentrifugation, analytic, (athe- rogenic index).....	100.0
83584 Ketoglutarate, alpha	40.0	83718 precipitation test	80.0
(Ketone bodies, see 82005-82010, urine, see 81000-81005)		83725 Lithium, blood, quantitative	60.0
83586 Ketosteroids, 17-(17-KS), blood; to- tal	38.0	(Luteinizing hormone (LH), see 83002)	
83587 fractionation, alpha/beta	75.0		

	Unit Value		Unit Value
83728 Lysergic acid diethylamide (LSD) RIA.....	BR	83870 Mucoprotein, blood (seromuroid)	40.0
83730 (Macroglobulins (sia test))	30.0	83872 Mucin, synovial fluid (rope test)	21.0
83735 Magnesium, blood, chemical	20.0	83874 Myoglobin, electrophoresis	30.0
83740 fluorometric	20.0	83875 Myoglobin, urine	40.0
83750 atomic absorption	40.0	83880 Nalorphine	60.0
83755 urine, chemical	40.0	83885 Nickel, urine	100.0
83760 fluorometric	40.0	83887 Nicotine	75.0
83765 atomic absorption	40.0	83895 Nitrogen, urine, total, 24 hour speci- men	60.0
83775 Malate dehydrogenase, kinetic ultra- violet method	30.0	83900 feces, 24 hour specimen	100.0
		83910 Nonprotein nitrogen, blood	20.0
(Maltose tolerance, see 82951, 82952)		(Norepinephrine, see 82382-82384)	
(Mammotropin, see 84146)		83915 Nucleotidase 5-	25.0
83785 Manganese, blood or urine	60.0	83917 Organic acids, screen, qualitative	30.0
83790 Mannitol clearance	BR	83918 quantitative	30.0
(Marijuana, see tetrahydrocannabinol THC, 84408)		83920 Ornithine carbonyl transferase, (OCT)	24.0
83795 Melanin, urine, quantitative	60.0	83930 Osmolality, blood	20.0
83799 Meperidine, quantitative	54.0	83935 urine	20.0
(For screen, see 82486, 82489, 82662, 82755, 84231)		83938 Ouabain	BR
83805 Meprobamate, blood or urine	60.0	83945 Oxalate, urine	40.0
(For screen, see 82486, 82489, 84231)		(For alpha oxoglutarate, see 82120)	
83825 Mercury quantitative, blood	70.0	83946 Oxazepam	40.0
83830 urine	70.0	83947 Oxybutyric acid, beta	40.0
(Mercury screen, see 83015)		83948 Oxycodine	52.0
83835 Metanephrines, urine	52.0	(Oxygen, see gases, blood, 82790-82817)	
(For catecholamines, see 82382-82384)		83949 Oxytocinase, RIA	52.0
83840 Methadone	60.0	(Para-aminohippuric acid, see 82134)	
(Methamphetamine, see 82145)		83965 Paraldehyde, blood, quantitative	60.0
(Methanol, see 82078)		83970 Parathormone (parathyroid hormone), RIA	165.0
83842 Methapyrilene	50.0	(PBI, see 83533)	
83845 Methaqualone	90.0	83971 Penicillin, urine	50.0
(For metals, heavy, screening (Reinsch test), see 82177)		83972 Pentazocine	60.0
83857 Methemalbumin	32.0	83973 Pentose, urine, qualitative	13.5
(Methemoglobin, see hemoglobin 83045- 83050)		(For TLC screen, see 84375)	
83858 Methsuximide, serum	90.0	83974 Pepsin, gastric	23.0
(Methyl alcohol, see 82078)		83975 Pepsinogen, blood	40.0
83859 Methyprylon	90.0	83985 Pesticide, other than chlorinated hy- drocarbons, blood, urine or other ma- terial	BR+
83860 Morphine, screening	80.0	(Pesticide, chlorinated hydrocarbons, see 82441)	
83861 quantitative	120.0	83986 pH, body fluid, except blood	BR
83862 RIA	82.0	(For blood, see 82800, 82802, 82803, 82817)	
83864 Mucopolysaccharides, acid, blood	60.0	83992 Phencyclidine (PCP)	38.0
83865 Mucopolysaccharides, acid, urine quantitative	60.0	83995 Phenol, blood or urine	60.0
83866 screen	21.0	84005 Phenolsulphonphthalein (PSP), urine .	20.0
		(For injection procedure, see 36410 for pro- vision of materials, see 99070)	

	Unit Value		Unit Value
84021 Phenothiazine, urine	100.0	84128 Porphyrins, plasma	82.0
(See also 82486 et seq.)		(For protoporphyrin, RBC, see 84202, 84203)	
84022 quantitative, chemical	BR	84132 Potassium, blood	°24.0
(For also individual drugs)		84133 urine	°24.0
84030 Phenylalanine, blood, Guthrie	12.0	84136 Pregnanediol	54.0
(Phenylalanine-tyrosine ratio, see 84030, 84510)		84139 Pregnantriol	54.0
84031 fluorometric	12.0	84141 Primidone	60.0
84033 Phenylbutazone	20.0	84142 Procainamide	60.0
84035 Phenylketones, blood, qualitative	20.0	84144 Progesterone, any method	105.0
84037 urine, qualitative	20.0	(For proinsulin, RIA, see 84206)	
84038 Phenylpropanolamine	20.0	84146 Prolactin (mammotropin), RIA	225.0
84039 Phenylpyruvic acid, blood	20.0	84147 Propoxyphene	60.0
84040 Phenylpyruvic acid, urine	20.0	(For screen, see 82486 et seq.)	
(For qualitative chemical tests, urine, see 81005)		84149 Propranolol	BR
84045 Phenytoin	80.0	84150 Prostaglandin, any one, RIA	BR
°84060 Phosphatase, acid, blood	°24.0	((°)84155 Protein, total, serum, chemical ..	°20.0
84065 (prostatic) fraction	40.0	84160 refractometric	12.0
°84075 alkaline, blood	°24.0	84165 electrophoretic fractionation and quantitation	60.0
84078 heat stable (total not included)		((°)84170 total and albumin/globulin ratio	°40.0
84080 isoenzymes, electrophoretic method	BR+	(For serum albumin, see 82040, for serum globulin, 82942)	
84082 Phosphates, tubular reabsorption of (TRP)	60.0	84175 other sources, quantitative	24.0
(Phosphates, inorganic, see 84100-84105)		84176 Protein, special studies (e.g., monoclo- nal protein analysis)	BR
(Phosphates, organic, see 82480-82484)		84180 urine, quantitative, 24 hour speci- men	24.0
84083 Phosphoglucosmutase, isoenzymes	60.0	84185 Bence-Jones	12.0
84085 Phosphogluconate, 6-, dehydrogenase, RBC	18.0	84190 electrophoretic fractionation and quantitation	80.0
84087 Phosphohexose isomerase	30.0	84195 spinal fluid semi-quantitative (Pandy)	20.0
84090 Phospholipids, blood	30.0	84200 electrophoretic fractionation and quantitation	80.0
(See also 83705)		(For protein bound iodine (PBI), see 83533)	
(For lecithin/sphingomyelin ratio, see 83661)		<u>84201 Protirelin, thyrotropin releasing hor- mone (TRH) test</u>	<u>BR</u>
°84100 Phosphorus, blood	°24.0	84202 Protoporphyrin, RBC; quantitative ...	30.0
°84105 urine	°24.0	84203 screen	20.0
(Pituitary gonadotropins, see 83000-83002)		84205 Protiptylene	68.0
(PKU, see 81005, 84030, 84031)		84206 Proinsulin, RIA	60.0
84106 Porphobilinogen, urine, qualitative ...	20.0	84207 Pyridoxine (Vitamin B-6)	BR
84110 Porphobilinogen, urine, quantitative ..	20.0	84208 Pyrophosphate vs. urate, crystals (po- larization)	12.0
84118 Porphyrins, copro-, urine, quantita- tive	30.0	84210 Pyruvate, blood	30.0
84119 qualitative	24.0	84220 Pyruvic-kinase, RBC	30.0
84120 Porphyrins, urine, fractionated (uro- porphyrin and coproporphyrin)	64.0	84228 Quinine	30.0
84121 uro-, copro-, and porphobilinogen, urine	80.0	84230 Quinidine, blood	40.0
(For porphyrin precursors, see 82630)		84231 Radioimmunoassay (RIA) not else- where specified	BR
84126 feces, quantitative	100.0	(Reinsch test, see 83015)	

	Unit Value		Unit Value
84232		Releasing factor	BR
84233		Receptor assay, estrogen (estradiol) ..	BR
84234		<u>progesterone</u>	BR
84235		<u>endocrine, other than estrogen or</u> <u>progesterone (specify hormone) ...</u>	BR
84244	60.0	Renin (RIA)	60.0
(See also 82163, angiotensin II)			
84246		furosemide test	BR
84250	42.0	Resin uptake T-3, or T-4 (RT3U); ..	42.0
84251		with total thyroxine, any method ..	BR
84252		Riboflavin (Vitamin B-2)	BR
(Salicylates, see 82011, 82012)			
(Saline infusion test, see 82091)			
(Secretin test, see 99070, 89100 and appropriate analyses)			
84255	100.0	Selenium, blood, urine or tissue	100.0
84260	120.0	Serotonin, blood	120.0
(For urine metabolites, see 83497)			
84275	50.0	Sialic acid, blood	50.0
(Sickle hemoglobin, see 83020, 83052, 83053, 85660)			
84285	100.0	Silica, blood, urine or tissue	100.0
°84295	°24.0	Sodium, blood	°24.0
°84300	°24.0	urine	°24.0
(Somatomammotropin, see 83632)			
(Somatotropin, see 83003; chorionic, see 83632)			
84310	26.0	Sorbitol dehydrogenase, serum	26.0
84315	8.0	specific gravity (except urine)	8.0
84317	8.0	Starch, feces, screening	8.0
84318	BR	Stercobilin, qualitative, feces	BR
(For stone analysis see 82355-82370)			
84324	75.0	Strychnine	75.0
(Sugar, see under glucose)			
84375	80.0	sugars chromatographic separation	80.0
(Sulfhemoglobin, see hemoglobin, 83055-83060)			
84382	32.0	Sulfobromophthalein (BSP)	32.0
(For injection, see 36410, 99070)			
84395	20.0	Sulfonamide, blood chemical	20.0
84397	20.0	crystals, qualitative	20.0
(T-3, see 84480, 84250)			
(T-4, see 84441)			
84401	BR	Testosterone, blood; double isotope ...	BR
84403	105.0	RIA	105.0
84404	BR	Testosterone, urine; double isotope ...	BR
84405	120.0	RIA	120.0
84406	BR	Testosterone, binding protein	BR
84407	BR	Tetracaine	BR
84408	BR	Tetrahydrocannabinol THC (marijuana)	BR
84409	105.0	Tetrahydrocortisone or tetrahydrocortisol	105.0
(See also 83492-83497)			
84410	100.0	Thallium, blood or urine	100.0
84420	60.0	Theophylline, blood or saliva	60.0
84425	BR	Thiamine (Vitamin B-1)	BR
84430	30.0	Thiocyanate, blood	30.0
84434	40.0	Thioridazine	40.0
84441	40.0	Thyroxine (T-4), specify method (e.g., CPB, RIA)	40.0
84442	52.0	Thyroxine binding globulin (TBG) ...	52.0
(Thyroxine, free thyroxine index, T-7, see 82756)			
(Thyroid hormones, PBI, thyroxine, etc., see 84480, 84441, 84250)			
84443	60.0	Thyroid stimulating hormone (TSH), RIA	60.0
84444	BR	Thyrotropin releasing factor, RIA; ...	BR
84445	BR	plus long acting (LATS)	BR
84446	38	Tocopherol alpha (Vitamin E)	38
(Tolbutamide tolerance, see 82951-82952)			
84447	BR	Toxicology, screen; general	BR
84448	45.0	sedative (acid and neutral drugs, volatiles)	45.0
84450	24.0	Transaminase, blood, glutamic oxaloacetic (SGOT), timed kinetic ultraviolet method	24.0
°84455	°20.0	colorimetric or fluorometric ...	°20.0
84460	24.0	glutamic pyruvic (SGPT), blood timed kinetic ultraviolet	24.0
°84465	°20.0	colorimetric or fluorometric ...	°20.0
(Transferrin, see 86329)			
84472	60.0	Trichloroethanol	60.0
84474	36.0	Trichloroacetic acid	36.0
(Trichloroacetaldehyde, see 82400-82405)			
84476	36.0	Trifluoperazine	36.0
84478	30.0	Triglycerides, blood	30.0
(See also 83705)			
84480	36.0	Triiodothyronine (true T-3), RIA ...	36.0
84483	36.0	Trimethadione	36.0
84485	30.0	Trypsin, duodenal fluid	30.0
84488	30.0	Trypsin, feces, quantitative, 24 hour specimen	30.0
84490	30.0	quantitative	30.0
(Tubular reabsorption of phosphate, blood and urine, see 84082)			
84510	40.0	Trysine, blood	40.0
(Ultracentrifugation, lipoprotein, see 82190)			

	Unit Value	Unit Value	
(Urate vs. pyrophosphate crystals, see 84208)		BR	
84999 Unlisted chemistry or toxicology procedure		BR	
NOTE:			
°84520 Urea nitrogen, blood (BUN); quantitative	°22.0	Gas-liquid chromatography, paper chromatography, electrophoresis, nuclear medicine, enzyme immunoassay and radioimmunoassay techniques are being extended constantly for the analysis of many drugs, hormones and other substances. Where these methodologies are not specifically listed under the compound in question, such tests should be coded under the listing for the specific general methodology. (For immunodiffusion, immunoprecipitin, and counter-immunoelectrophoretic methods other than enzyme and radioimmunoassay techniques, see Immunology section)	
84525 stick test	8.0		
°84540 urine	°20.0		
°84545 clearance	°40.0		
°84550 Uric acid, blood, chemical	°20.0		
84555 uricase, ultraviolet method	26.0		
84560 urine	20.0		
84565 Urobilin, urine, qualitative	12.0		
84570 quantitative, timed specimen	24.0		
84575 feces, quantitative	60.0		
84577 Urobilinogen, feces, quantitative	30.0		
84578 Urobilinogen, urine, qualitative	24.0		
84580 quantitative, timed specimen	24.0		
84583 semiquantitative	20.0		
84584 Uropepsin, urine	24.0		
(Uroporphyrins, see 84120, 84121)		Unit Value	
84585 Vanillylmandelic acid (VMA), urine	24.0		
84588 Vasopressin (antidiuretic hormone), RIA	BR	(Includes blood clotting (coagulation) procedures. For blood banking procedures, see under Immunology.)	
84589 Viscosity, fluid	10.0	(Agglutinins, see Immunology)	
84590 Vitamin A, blood	40.0	(Antifactor (specific coagulation factors), see 85300-85341)	
84595 including carotene (see also 82380)	60.0	(Antiplasmin, see 85410)	
(Vitamin B-1, see 84425)		(Antiprothrombinase, see 85311)	
(Vitamin B-2, see 84252)		(Antithrombin III, see 85300)	
(Vitamin B-6, see 84207)		(Basophil count, see 85005)	
(Vitamin B-12, blood, see 82606, 82607)		85000 Bleeding time Duke	10.0
(Vitamin B-12, absorption (Schilling), see 78270, 78271)		85002 Ivy	24.0
(Vitamin C, see 82180)		85003 Adelson-Crosby immersion method	20.0
(Vitamin E, see 84446)		(Blood cell morphology only, see 85548)	
84597 Vitamin K	BR	85005 Blood count; basophil count, direct	10.0
(VMA, see 84585)		85007 differential WBC count (includes RBC morphology and platelet estimation)	7.5
84600 Volatiles (acetic anhydride, carbon tetrachloride, dichloroethane, dichloromethane, diethylether)	45.0	(See also 85548, 85585)	
(For acetaldehyde, see 82000)		(For other fluids, e.g., CSF, see 89051, 89190)	
84605 Volume, blood, dye method (Evans blue)	30.0	85009 differential WBC count, buffy coat	12.0
84610 including total plasma and total blood cell volume	50.0	85012 eosinophil count, direct	10.0
(Volume, blood, RISA or Cr-51, see 78110, 78111)		(For nasal smear, see 89180)	
84613 Warfarin	BR	85014 hematocrit	8.0
84615 Xanthurenic acid	BR	85018 hemoglobin, colorimetric	8.0
84620 Xylose tolerance test, blood	40.0	(For other hemoglobin determination, see 83020-83068)	
84630 Zinc, quantitative, blood	100.0		
84635 urine	100.0		
84645 Zinc sulphate turbidity	20.0		

	Unit Value		Unit Value
85021	10.5	85242	40.0
85022	15.0	85250	40.0
85027	12.0	85260	40.0
85028	17.0	85270	40.0
		85280	40.0
		85290	40.0
		85291	40.0
		85300	40.0
		85310	40.0
		85311	40.0
		85320	40.0
		85330	40.0
		85340	40.0
		85341	BR
		85345	30.0
		85347	20.0
		85348	BR
			(Complete blood count, see 85021-85031)
			(Differential count, see 85007 et seq.)
			(Drug inhibition, clot retraction, see 85172)
			(Duke bleeding time, see 85000)
			(Eosinophil count, direct, see 85012)
			(Eosinophils, microscopic examination for, in various body fluids, see 89180)
			(Ethanol gel, see 85363)
		85360	40.0
			(Fetal hemoglobin, see 83030-83033, 85460)
		85362	12.0
		85363	10.0
		85364	36.0
		85365	BR
		85367	18.0
		85368	BR
		85369	12.0
			(Fibrinogen, quantitative, see 82730)
		85371	40.0
		85372	22.5
		85376	24.0
		85377	36.0
		85390	20.0
		85392	BR
		85395	30.0
		85396	105.0
		85398	45.0
		85400	BR+
		85410	BR+
85021	10.5	hemogram, automated RBC, WBC, Hgb, Hct and indices only)	
85022	15.0	hemogram, automated ((CBC with)), differential WBC count (CBC)	
85027	12.0	hemogram, automated, with platelet count	
85028	17.0	hemogram, automated, and differential WBC count (CBC) with platelet count	
		<u>(For additional laboratory testing utilizing automated hemogram techniques, use Modifier -22, Unusual Services)</u>	
85031	16.5	hemogram, manual, complete CBC (RBC, WBC, Hgb, Hct, differential and indices)	
85041	8.0	red blood cell (RBC)	
		(See also 85021-85031, 89050)	
85044	12.0	reticulocyte count	
85048	8.0	white blood cell (WBC)	
		(See also 85021-85034)	
85095	45.0	Bone marrow, aspiration only	
85100	140.0	Bone marrow, aspiration, staining, and interpretation of smears	
		(For special stains, see 85535, 85540, 85560, 88312-88313)	
85101	75.0	aspiration and staining only (smears)	
85102	75.0	biopsy core (needle)	
		(For trocar, see 20220)	
85103	60.0	cell block or biopsy, stain and interpretation	
85105	100.0	interpretation only	
85109	30.0	staining and preparation only	
85120	50.0	Bone marrow transplant	
85150	40.0	Calcium clotting time	
85160	40.0	Calcium saturation clotting test	
85165	20.0	Capillary fragility test (Rumpel-Leede) (independent procedure)	
85170	8.0	Clot retraction	
85171	45.0	quantitative	
85172	BR	inhibition by drugs	
85175	40.0	Clot lysis time, whole blood dilution	
		(Clotting factor I (fibrinogen), see 82730, 85371-85377)	
85210	40.0	factor II (prothrombin assay)	
		(See also 85610-85618)	
85220	40.0	factor V (AcG or pro-accelerin) labile factor	
85230	40.0	factor VII (proconvertin stable factor)	
85240	40.0	factor VIII (AHG) one stage	
85242	40.0	factor VIII (AHG), two stage	
85250	40.0	factor IX (PTC or Christmas)	
85260	40.0	factor X (Stuart-Prower)	
85270	40.0	factor XI (PTA)	
85280	40.0	factor XII (Hagemann)	
85290	40.0	factor XIII (fibrin stabilizing)	
85291	40.0	factor XIII (fibrin stabilizing), screen solubility	
85300	40.0	Clotting inhibitors or anti-coagulants, anti-thrombin	
85310	40.0	anti-thromboplastins	
85311	40.0	anti-prothrombinase	
85320	40.0	anti-prothromboplastins	
85330	40.0	anti-factor VIII	
85340	40.0	cross recalcification time (mixtures)	
85341	BR	PTT inhibition test	
85345	30.0	Coagulation time (Lee and White)	
85347	20.0	Coagulation time, activated	
85348	BR	other methods	

	Unit Value		Unit Value
85420 plasminogen	BR+	(See also 85618)	
(For plasminogen activator, see 85665)		85612 Russell viper venom type (includes venom)	36.0
(Fragility, red blood cell, see 85547, 85555- 85557)		85614 two stage	30.0
85441 Heinz bodies, direct	9.0	85615 Prothrombin utilization (consump- tion)	40.0
85445 induced, acetyl phenylhydrazine ...	19.5	85618 Prothrombin-Proconvertin, P & P (Owren)	18.0
(For hematocrit (pcv), see 85014, 85021- 85031)		(Red blood cell count, see 85021-85031)	
(For hemoglobin, see 83020-83060, 85050)		85630 Red blood cell size (Price-Jones)	40.0
85460 Hemoglobin, fetal, differential lysis (Kleihauer)	26.0	85632 Red blood cell peroxide hemolysis ...	30.0
(See also 83030, 83033)		85635 Reptilase test	33.0
(Hemogram, see 85021-85031)		(Reticulocyte count, see 85044)	
(Hemolysins, see 86006, 86281, 86282)		(Rumpel-Leede test, see 85165)	
85520 Heparin assay	60.0	85640 Reticulocyte count	14.0
85530 Heparin-protamine tolerance test	60.0	85650 Sedimentation rate (esr) Wintrobe type	14.0
85535 Iron stain (RBC or bone marrow smears)	18.0	85651 Westergren type	10.5
(Ivy bleeding time, see 85002)		85660 Sickling of red blood cells reduction slide method	14.0
85538 Leder stain (esterase) blood or bone marrow	30.0	(Sickling, electrophoresis, see 83020)	
85540 Leucocyte alkaline phosphatase	20.0	(Sickling, solubility, S-D, see 83053)	
85544 Lupus erythematosus (LE) cell prep .	20.0	(Sickling, turbidimetric (Sickledex dithio- nate), see 83052)	
(Lysozyme, see 85549)		(Siderocytes, see 85535)	
85547 Mechanical fragility, RBC	30.0	(Smears for parasites, malaria, etc., see 87207)	
85548 Morphology of red blood cells, only ..	9.0	(Staphylococcal clumping test, see 85369)	
85549 Muramidase, serum	52.0	85665 Streptokinase titer (plasminogen activator)	BR
85550 Nitroblue tetrazolium test (NBT) ...	36.0	85670 Thrombin time, plasma	20.0
85555 Osmotic fragility, RBC;	15.0	85675 titer	12.0
85556 incubated, qualitative	18.0	85680 Thrombo test	20.0
85557 incubated, quantitative	60.0	85700 Thromboplastin generation test, screening (Hicks-Pitney)	40.0
(Packed cell volume, see 85014)		85710 definitive, with platelet substitute ..	45.0
(Partial thromboplastin time, see 85730- 85732)		85711 with patient's platelets	45.0
(Parasites, blood, e.g., malaria smears, see 87207)		85720 all factors	BR+
85560 Peroxidase stain, WBC	15.0	(For individual clotting factors, see 85210 et seq.)	
(Plasmin, see 85400)		85730 Thromboplastin time, partial (PTT) plasma or whole blood	30.0
(Plasminogen, see 85420)		85732 substitution plasma	30.0
(Plasminogen activator, see 85665)		(For thromboplastin inhibition test, see 85341)	
85575 Platelet, adhesiveness (in vivo)	45.0	(For tourniquet test, see 85165)	
85577 aggregation (glass bead)	30.0	85810 Viscosity, blood	40.0
85580 Platelet, count (Rees-Ecker)	14.0	85820 serum or plasma	40.0
85585 estimation on smear, only	10.0	(WBC count, see 85021-85031, 85048, 89050)	
(See also 85007)			
85590 phase microscopy	20.0		
85595 electronic technique	20.0		
85610 Prothrombin time	16.0		

	Unit Value		Unit Value
85999 Unlisted hematology procedure	BR	86022 platelet antibodies	75.0
<u>AMENDATORY SECTION</u> (Amending Order 80-29, filed 12/23/80, effective 3/1/81)		86024 RBC antibodies (8-10 cell panel) standard techniques	38.0
<u>WAC 296-23-221 IMMUNOLOGY.</u>		86026 RBC antibodies (8-10 cell panel), with enzyme technique including antihuman globulin	52.0
	Unit Value	(For absorption and elution, see 86012- 86013, 86019)	
(Includes serology, immuno-hematology and blood banking)		86028 saline or high protein, each (Rh, AB, etc.)	12.0
(Acid hemolysins, see 86281)		(Anti-DNA, see 86225)	
(Actinomycosis, see 86000-86009, 86450)		(Anti-deoxyribonuclease titer, see 86215)	
86000 Agglutinins febrile, each	14.0	86031 Antihuman globulin test, direct (Coombs) 1-3 dilutions	12.0
86002 panel (typhoid O & H, paratyphoid A & B, brucella and Proteus OX- 19	45.0	86032 indirect, qualitative (broad, gamma or nongamma, each)	15.0
86004 warm	36.0	86033 indirect, titer (broad, gamma or nongamma each)	12.0
(Agglutinins and autohemolysins, see 86004, 86011-86013, 86281-86283, 86006-86009)		86034 enzyme technique, qualitative	30.0
(Agglutinins, auto, see 86282-86283, 86011, 86013)		86035 drug sensitization, identification (e.g., penicillin)	75.0
(Agglutinins, cold, see 86006, 86013, 86282, 86283)		(For antibody detection (screening), see 86016, 86017)	
(Alpha-1 antitrypsin, see 86329)		(Antihyaluronidase titer, see 86315)	
(Alpha-1 feto-protein, see 86329)		(Antinuclear antibodies, see 86255, 86256)	
(Amebiasis, see 86171, 86280)		86045 Antistreptococcal carbohydrate, anti- A CHO	40.0
86006 Antibody, qualitative, not otherwise specified; first antigen, slide or tube . .	12.0	(Antistreptococcal antibody, anti-DNAse, see 86215)	
86007 each additional antigen	7.5	(Antistreptokinase titer, see 86590)	
86008 Antibody, quantitative titer, not otherwise specified; first antigen	18.0	86060 Anti-streptolysin O titre	20.0
86009 each additional antigen	12.0	86063 screen	10.0
86011 Antibody, detection, leukocyte anti- body	44.0	<u>86066 Antitrypsin, alpha-1, determination, Pi (Protease inhibitor) typing</u>	<u>20.0</u>
86012 Antibody absorption, cold auto ab- sorption; per serum	30.0	86067 Antitrypsin, alpha-1, determination . .	20.0
(For elution, see 86019)		(Autoagglutinins, see 86282, 86283)	
86013 differential	45.0	(Autoantibodies, see specific antigens)	
86014 Antibody, platelet antibodies (aggluti- nins)	45.0	(Blastomycosis, see 86006-86009, 86460)	
86016 Antibodies, RBC, saline, high protein and antihuman globulin technique . . .	30.0	86068 Blood, cross match, complete standard technique, includes typing and anti- body screening of recipient and donor, first unit	60.0
(See also 86032)		86069 each additional unit	45.0
86017 with ABO + Rh(D) typing (for holding blood instead of complete crossmatch)	24.0	86072 Blood crossmatch; enzyme technique .	10.5
86018 enzyme technique including antihuman globulin	17.0	86073 screening for compatible unit saline and/or high protein	26.0
86019 elution, any method	45.0	86074 antiglobulin technique	15.0
86021 Antibody identification; leukocyte an- tibodies	60.0	(For enzyme technique, see 86018)	
		86075 Blood crossmatch, minor only (plas- ma, Rh immune globulin), includes	

	Unit Value		Unit Value
86076 recipient and donor typing and anti-body screening; first unit	44.0	86162 total (CH 50)	70.0
each additional unit	27.0	(For complement fractions, quantitative, see 86329)	
(For incompatibility problems, see 86004, 86011-86014, 86016-86026, 86031-86035, 86068-86076)		86171 Complement fixation tests, each (e.g., cat scratch fever, coccidioidomycosis, histoplasmosis, leptospirosis, psittacosis, rubella, streptococcus MG, syphilis) - specify test	40.0
(For typing, antibody screening and blood in lieu of crossmatch, see 86017)		(Coombs test, see 86031-86035)	
(For blood transfusion, see 36430-36460, 36510, 36660)		86185 Counterelectrophoresis, each antigen	24.0
86080 Blood typing, ABO only	12.0	(For HAA, see 86285, 86286)	
86082 ABO and Rho(D)	18.0	(Crossmatch, see 86068-86076)	
86090 M N	20.0	86201 Cryoprecipitate, preparation; each unit	30.0
86095 Blood typing, RBC antigens other than ABO or Rho(D); antiglobulin technique, each antigen	10.5	86202 with thawing and pooling, each unit	1.5
86096 direct, slide or tube, including Rh subtypes, each antigen	10.5	(Cryptococcosis, see 86008, 86009, 86255, 86256)	
86100 Blood typing, Rho(D) only	12.0	(Cysticercosis, see 86280)	
86105 Rh genotyping, complete	45.0	86209 Cytotoxic testing	BR
(For Rho variant Du, see 86095)		86215 Deoxyribonuclease, antibody	36.0
86115 anti-Rh immuno-globulin testing (Rhogam type)	68.0	86225 Deoxyribonucleic acid (DNA) antibody	36.0
86120 special (Kell, Duffy, etc.)	BR+	(Diphtheria, see 86280)	
86128 Blood autotransfusion, including collection, processing and storage	45.0	(Direct antiglobulin test (Coombs), see 86031)	
(For nondonor phlebotomy, see 96450)		(Donath-Landsteiner screen, see 86008, 86009)	
86129 Blood component processing not otherwise specified	30.0	(Drug sensitization, RBC, see 86035)	
86131 Blood unit for direct transfusion, up to 50 ml	BR	(Echinococcosis, see 86171, 86280, 86500)	
86134 Blood unit for transfusion; processing by blood bank, includes collection	BR	(Eosinophils, microscopic examination for, in various body fluids, see 89180)	
86138 replacement	BR	86235 Extractable nuclear antigen (ENA), antibody	30.0
86139 splitting, open or closed, system, each	BR	86240 Factor VIII; concentrate, lyophilized unit, 100 units	BR
(Bovine milk antibody, see 86008, 86009)		86241 dilution, each bottle	3.0
(Brucellosis, see 86000-86002, 86470)		(For cryoprecipitate, see 86201, 86202)	
86140 C-reactive protein	20.0	86243 Fc receptor assay, specify method	BR
(Candidiasis, see 86008)		(Feto-protein, alpha-1, see 86329)	
86149 Carcinoembryonic antigen; gel diffusion	60.0	86245 Fibrinogen, unit	82.0
86151 RIA	60.0	(Filariasis, see 86280)	
(Cat scratch disease, see 86171, 86480)		86255 Fluorescent antibody; screen	24.0
86155 Chemotaxis assay, specify method	BR	86256 titer	36.0
(Coccidioidomycosis, see 86006-86009, 86171, 86490)		(Fluorescent technique for antigen identification in tissue, see 88345)	
(Cold agglutinin or hemolysin, see 86006-86013, 86282, 86283)		(Frei test, see 86530)	
86158 Complement; C1 esterase	52.0		
86159 C2 esterase	52.0		

	Unit Value		Unit Value
86265		Frozen blood, preparation for freezing, each unit including processing and collection;	BR
86266		with thawing	BR
86267		with freezing and thawing	BR
		(FTA, see 86650)	
		(Gc grouping, see 86335)	
		(Gel (agar) diffusion tests, see 86331)	
		(Gm grouping, see 86335)	
		(Gonadotropins, chorionic, see 82996-82998)	
86272	BR	Globulin, gamma 1 ml	
86273	60.0	Globulin Rh immune, 1 ml	
86274	BR	Globulin vaccinia, immune, 1 ml	
		(HAA, see 86285-86287)	
		(Ham test, see 86281)	
86280	60.0	Hemagglutination inhibition tests (HAI), each (e.g., amebiasis, rubella, viral)	
86281	24.0	Hemolysins, acid (for paroxysmal hemoglobinuria) (Ham test)	
86282	30.0	Hemolysins and agglutinins, auto, screen, each;	
86283	75.0	incubated with glucose (e.g., ATP)	
		(Cold, see 86006-86009, warm 86004, acid 86281)	
86285	18.0	Hepatitis associated agent (Australian antigen)(HAA); counterelectrophoresis method	
86286	24.0	counterelectrophoresis with concentration of serum	
86287	36.0	RIA method	
		(For gel diffusion technique, see 86331; CF, see 86171; HAI, see 86280)	
86300	20.0	Heterophile antibodies, screening (includes mono-type test) slide or tube	
86305	30.0	quantitative titer	
86310	30.0	plus titers after absorption, beef cells and guinea pig kidney	
		(Histoplasmosis, see 86006-86009, 86171)	
		(HLA typing, see 86597)	
		(For hormones, see individual alphabetic listing in chemistry section)	
86315	30.0	Hyaluronidase, antibody	
86320	100.0	Immuno-electrophoresis, serum, each specimen (plate)	
86325	100.0	other fluids (e.g., urine) with concentration, each specimen	
86329		Immunodiffusion; quantitative, each IgA, IgD, IgG, IgM, ceruloplasmin,	
		transferrin, alpha-1 feto protein, alpha-2, macroglobulin, complement fractions, alpha-1 antitrypsin, or other (specify)	30.0
		86331 gel diffusion, qualitative (Ouchterlony)	30.0
		(For ceruloplasmin by chemical method, see 83290)	
		(IgE, RIA, see 82785; RIST, see 86358)	
		86335 Immunoglobulin typing (Gc, Gm, Inv), each	BR
		(Insulin antibody, see 86016)	
		(Intrinsic factor, antibody (fluorescent), see 86255, 86256)	
		(Inv grouping, see 86335)	
		(Kveim test, see 86565)	
		(Latex fixation, see individual antigen or antibody; also 86006, 86007)	
		(LE cell preparation, see 85544)	
		(LE factor, see 86006, 86007, 86255, 86256)	
		(Leishmaniasis, see 86280)	
		(Leptospirosis, see 86006-86009, 86171)	
		(Leukoagglutinins, see 86013, 86021)	
		86343 Leukocyte histamine release test (LHR)	BR
		86344 Leukocyte phagocytosis	BR
		86345 Leukocyte poor blood, nylon filter preparation, including collection and processing	82.5
		86346 Leukocyte poor blood, invert spin preparation; including collection and processing	67.5
		86347 not including collection and processing	9.0
		<u>86349 Leukocyte transfusion (leukapheresis)</u>	<u>BR</u>
		(Lymphocyte culture, see 86353)	
		86351 Lymphocyte storage, liquid nitrogen, including preparation	BR
		86353 Lymphocyte transformation, PHA or other	120.0
		86357 Lymphocytes; T & B differentiation	165.0
		86358 B-cell evaluation	BR
		(Malaria, see 86171, 86280, 87207)	
		86365 Mast cell degranulation test (MDT)	BR
		(Melioidosis, see 86280)	
		86377 Microsomal antibody (thyroid)	30.0
		86378 Migration inhibitory factor test (MIF)	BR

	Unit Value		Unit Value
(Milk antibody, anti-bovine, see 86008-86009)		86430 (Rheumatoid factor)	12.0
(Mitochondrial antibody, liver, see 86255)		(RIST, see 86423)	
(Mononucleosis screening slide, see 86006-86007)		(RMCT, see 86423)	
86382 Neutralization test, viral	BR	(RPR, see 86592)	
86384 Nitroblue tetrazolium dye test (NTD)	BR	(Rubella, CF, see 86171; HAI, see 86280)	
(Ouchterlony diffusion, see 86331)		(Schistosomiasis agglutination, see 86006-86009)	
(Parietal cell antibody, see 86255, 86256)		(Serologic test for syphilis (STS), see 86171, 86592, 86593)	
86385 Paternity testing, ABO + Rh factors + MN (per individual);	37.5	86450 Skin test, actinomycosis	20.0
86386 each additional antigen system	15.0	86460 blastomycosis	20.0
(Penicillin antibody RBC, see 86035)		86470 brucellosis	20.0
86388 Plasma, single donor, fresh frozen	BR	86480 cat-scratch fever	20.0
86389 Plasmapheresis, each unit	75.0	86490 coccidioidomycosis	20.0
86391 Plasma protein fraction unit	BR	86495 diphtheria (Schick)	20.0
(Platelet antibodies (agglutinins), see 86014)		86500 echinococcosis	20.0
86392 Platelet concentrate, preparation	45.0	86510 histoplasmosis	20.0
86393 mix and pool, each unit	1.5	86520 leptospirosis	20.0
86398 Platelet rich plasma, preparation	36.0	86530 lymphogranuloma venereum (Frei test)	20.0
86402 Precipitin determination, gel diffusion, in aspergillosis, bagassosis, farmer lung, pigeon breeder disease, silo filler disease, other alveolitis (specify)	BR	86540 mumps	20.0
86405 Precipitin test for blood (species identification)	BR	86550 psittacosis	20.0
(Pregnancy test, see 82996, 82997, 86006-86009)		86565 sarcoidosis Kveim test, includes skin test only	20.0
86415 Prothrombin complex, dilute and pretest	7.5	(For biopsy see 11100, for microscopic study, see 88304, 88313)	
86416 lyophilized, unit	120.0	86570 trichinosis	20.0
(Psittacosis, CF, see 86171)		86580 tuberculosis patch or intradermal	20.0
86421 Radioallergosorbent test (RAST); up to 5 antigens	BR	86585 tine test	12.0
86422 or more antigens	BR	(For skin tests for allergy testing, see 95005-95199, Medicine section)	
86423 Radioimmunosorbent test (RIST) IgE, quantitative	BR	(Smooth muscle antibody, see 86255, 86256)	
(Rapid plasma reagin test (RPR), see 86592)		(Sporotrichosis, see 86006-86009)	
86424 Rat mast cell technique (RMCT)	BR	(Streptococcus MG, see 86171)	
86425 Red blood cells, packed; preparation gravity method, unit in addition to collection and processing	6.0	86590 Streptokinase, antibody	27.0
86426 centrifuge method in addition to collection and processing	9.0	(Streptolysin O antibody, see anti-streptolysin O, 86060-86061)	
86427 processing by blood bank, includes collection	60.0	(Streptobacillus, see 86008, 86009)	
(Rh immune globulin, see 86273)		86592 Syphilis, precipitation or flocculation tests, qualitative VDRL, RPR, DRT	9.0
		(See also 89006, 89007)	
		86593 Syphilis, precipitation or flocculation tests, quantitative	15.0
		(Syphilis serology, see also 86171)	
		(Tetanus, see 86280)	
		(Thyroglobulin antibody, see 86006-86009, 86171)	

	Unit Value
87176 homogenization, tissue, for culture .	15.0
87177 Ova and parasites, direct smears, concentration and identification	36.0
(Individual smears and procedures, see 87015, 87208, 87205-87211)	
(Trichrome, iron hemotoxylin and other special stains, see 88312)	
87181 Sensitivity study antibiotic, agar diffusion method, each antibiotic	40.0
87184 disc method, each plate (12 or less discs)	24.0
87186 microtiter, minimum inhibitory concentration (MIC), 8 or less antibiotics	45.0
87188 tube dilution method, each antibiotic	30.0
87190 Sensitivity study of tubercle bacillus, (TB, AFB), each drug	60.0
87205 Smear, primary source, with interpretation; routine stain for bacteria, fungi, or cell types	12.0
87206 fluorescent and/or acid fast stain for bacteria, fungi, or cell types	18.0
87207 special stain for inclusion bodies or intracellular parasites (e.g., malaria, kala azar)	24.0
87208 direct or concentrated, dry, for ova and parasites	12.0
(For concentration, see 87015; complete examination, see 87177)	
(For complex special stains, see 88312-88313)	
(For fat, meat, fibers, nasal eosinophils, and starch, see miscellaneous section)	
87210 wet mount with simple stain and interpretation, for bacteria, fungi, ova, and/or parasites	12.0
87211 wet and dry mount, with interpretation, for ova and parasites	18.0
87220 <u>Tissue examination for fungi (e.g., KOH slide)</u>	<u>BR</u>
87250 Virus, inoculation of embryonated eggs, suitable tissue culture, or small animal, includes observation and dissection	((BR)) <u>12.0</u>
(For electron microscopy, see 88348)	
(For inclusion bodies in tissue sections, see 88304-88309; in smears, see 87207-87210; in fluids, see 88106)	
87300 Autogenous vaccine	140.0
87999 Unlisted microbiology procedure	BR

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-228 ANATOMIC PATHOLOGY.

	Unit Value
POSTMORTEM EXAMINATION	
(Procedures 88000 through 88099 represent physician services only. See modifier -90 for outside laboratory services.)	
88000 Necropsy (Autopsy) without CNS, gross examination only	400.0
88005 with brain	500.0
88007 with brain and spinal cord	600.0
88012 infant with brain	300.0
88014 stillborn or newborn with brain	300.0
88016 macerated stillborn	400.0
88020 Necropsy (autopsy) without CNS, gross and microscopic examination	800.0
88025 with brain	900.0
88027 with brain and spinal cord	1000.0
88028 infant with brain	700.0
88029 stillborn or newborn with brain	700.0
88036 Necropsy (autopsy), limited, gross and/or microscopic, regional	BR
88037 single organ	BR+
88040 Necropsy (autopsy); forensic examination	BR
88045 coroner's call	BR
88099 Unlisted necropsy (autopsy) procedure	BR

CYTOPATHOLOGY

88104 Cytopathology, fluids, washings or brushings, with centrifugation except cervical or vaginal; smears and interpretation	45.0
88106 filter method only with interpretation	45.0
88107 smears and filter preparation with interpretation	60.0
88109 smears and cell block with interpretation	90.0
(For cervical or vaginal smears, see 88150)	
(For cell block only, see 88302)	
(For gastric intubation with lavage, see 89130-89141, 91055)	
(For x-ray localization, see 74340)	
88125 Cytopathology, forensic (e.g., sperm)	75.0
88130 Sex chromatin identification; (Barr bodies)	40.0
88140 peripheral blood smear, polymorphonuclear "drum sticks"	40.0
(For Guard stain, see 88313)	
88150 Cytopathology, smears, cervical or vaginal (e.g., Papanicolaou), screening	

	Unit Value
and interpretation, up to three smears,	30.0
88155 with definitive hormonal evaluation (e.g., maturation index, karyopyknotic index, estrogenic index)	40.0
88160 Cytopathology, any other source (e.g., sputum), screening and interpretation (For aerosol collection of sputum, see 89350) (For special stains, see 88312, 88313)	36.0
88199 Unlisted cytopathology procedure (For electron microscopy, see 88348, 88349)	BR

CYTOGENETIC STUDIES

88260 Chromosome analysis, lymphocytes, count 1-4 cells, screening	180.0
88261 count 1-4 cells, 1 karyotype	375.0
88262 count 1-20 cells for mosaicism, 2 karyotypes	525.0
88265 Chromosome analysis, myeloid cells, 2 karyotypes (Philadelphia chromosome)	225.0
88267 amniotic fluid, count 1-4 cells, 1 karyotype	600.0
88268 skin, count 1-4 cells, 1 karyotype	600.0
88270 other tissue cells, count 1-4 cells, 1 karyotype	BR
88280 additional karyotyping	75.0
88285 additional cells counted	15.0
88299 Unlisted cytogenetic study	BR

SURGICAL PATHOLOGY

(Procedures 88300 through 88399 include accession, handling and reporting)

88300 Surgical pathology, gross examination only	20.0
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NOTE: Only one of the numbers 88302-88309 should be used in reporting specimens (single or multiple) that are removed during a single surgical procedure.

88302 Surgical pathology, gross and microscopic, examination for identification and record purposes (e.g., uterine tubes, vas deferens, sympathetic ganglion)	60.0
88304 diagnostic exam, small or uncomplicated specimen (e.g., skin lesion(s), needle biopsy)	75.0
88305 diagnostic exam, larger specimen or multiple small specimens (e.g., prostate clippings, uterine curettings, segment of stomach)	105.0
88307 complex diagnostic exam, large	

	Unit Value
specimen(s), organs or multiple tissues requiring multiple slides	150.0
88309 comprehensive diagnostic exam (e.g., specimen with regional nodes, detailed anatomic dissection or diagnostic problem)	BR
88311 decalcification procedure	12.0
88312 Special stains, Group I stains for microorganisms, (e.g., Gridley, acid fast, methenamine silver, Levaditi)	25.0
88313 Group II, all other special stains	12.0
88314 <u>Histochemical staining with frozen section(s)</u>	<u>BR</u>
88316 <u>Preparation of duplicate slides, stained or unstained, requested by consultant.</u>	<u>BR</u>
88317 Interpretation by treating physician of previously diagnosed histologic slide (without consultation)	BR
88321 consultation and report on referred slides prepared elsewhere	140.0
88323 Consultation and report on referred material requiring preparation of slides	BR
88325 comprehensive review of records and slides, with report on referred material	BR+
88329 consultation during surgery	100.0
88331 with frozen section(s)	90.0
88332 each additional frozen section during same visit to surgical operating suite	30.0
(For permanent paraffin section, see 88302-88309)	
88345 Immunofluorescent study	BR
88348 Electron microscopy, diagnostic	BR
88349 scanning	BR
88360 Whole organ sections for special studies	200.0
88399 Unlisted surgical pathology procedure	BR

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-301 RATES FOR DAILY AND ANCILLARY SERVICES. The department or self-insurer will pay rates for daily and ancillary services as approved by the Washington State Hospital Commission. Doctor services (other than professional component) are not included in WSHC rates and should be billed ((separately)) using appropriate Fee Schedule procedure codes.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-356 BILLING PROCEDURES. (1) Bills for hospital services can be submitted on Department or UB-16 bill forms. The self-insurer may accept other bill forms. Regardless of form used, the following

information must appear: Claim number, claimant name and address, worker's social security number (if available), employer name, date of injury, diagnosis or nature of injury, date of service, and description of service rendered. If UB-16 forms are used, summarize charges by revenue codes as per UB-16 instructions. Itemized detail of summary charges must be attached.

(2) For a bill to be considered for payment, it should be received by the department or self-insurer within ninety days from the date of service.

(3) Supporting documentation of services rendered must be attached to billings. The reports needed are:

- (a) X-ray findings
- (b) Laboratory findings
- (c) Diagnostic study findings
- (d) Emergency room reports
- (e) Admission history and physical
- (f) Discharge summary
- (g) Operative report
- (h) Physical therapy notes
- (i) Occupational therapy notes.

(4) The department or the self-insurer may reject bills for services rendered in violation of the medical aid rules.

(5) The emergency room will be considered the office for those physicians providing regular emergency room care to the hospital, and fees will be allowed on this basis. (~~Such fees must be billed separately from hospital charges.~~)

(6) Call back between 6 p.m. and 8 a.m. provided that laboratory, x-ray and surgical staff are normally not on duty during this period of time will be billed at commission approved rates.

(7) The claim number must be placed on each bill and on each page of attached documents in the upper right hand corner.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-357 X-RAYS. (1) X-rays should not be sent to the department or self-insurer unless requested for comparison and interpretation in determining permanent disability, other administrative or legal decisions, and for cases in litigation. X-rays must be retained for a period of ~~(seven)~~ ten years by the hospital.

(2) X-rays must be made available upon request to consultants, to medical examiners, to the department, to self-insurers and/or the Board of Industrial Insurance Appeals.

(3) If a hospital ceases to function as an acute care facility, department approved custodial arrangements must be made to insure availability of x-rays on request.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-610 GENERAL INSTRUCTIONS.

(1) Please refer to WAC 296-20-010 through WAC 296-20-125 for general information and rules pertaining to treatment of injured workers.

(2) The maximum fee is determined by multiplying the unit value of a procedure by a conversion factor. The

appropriate conversion factor table for chiropractic services is the medicine tables. For x-ray services - use radiology conversion tables and procedure numbers.

(3) In addition to the rules found in WAC 296-20-010 to 296-20-125, the following rules apply when chiropractic treatment is being rendered:

(a) No more than one chiropractic adjustment per day will be authorized or paid, except on the initial and next two subsequent visits. The attending doctor must submit a detailed report regarding the need for the additional treatment.

(b) Treatment beyond the first 20 treatments or 60 days, whichever comes first, will not be authorized without submission of a consultation report or a comprehensive comparative exam report regarding need for further care. (See WAC 296-20-051 re: Consultation.)

(c) If needed, x-rays immediately prior to and immediately following the initial chiropractic treatment may be allowed without prior authorization.

(d) X-rays before and after subsequent chiropractic treatment will not be paid unless previously authorized. Prior authorization must be obtained for x-rays subsequent to the initial treatment.

(e) No payment will be made for excessive or unnecessary x-rays taken on initial or subsequent visits.

(f) No services or x-rays will be paid on rejected or closed claims except those rendered in conjunction with a reopening application.

(g) See WAC 296-23-01002 for custody requirements for x-rays.

(h) Treatment as a maintenance or supportive measure will not be authorized nor paid.

(4) Billing procedures itemized in WAC 296-20-125 must be followed.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-615 OFFICE VISITS AND SPECIAL SERVICES.

DEFINITIONS:

Routine Office Visit: A level of service pertaining to the evaluation and treatment of a condition requiring only an abbreviated history and exam, i.e.:

- (1) Palpation, exam and adjustment of one or more areas.
- (2) Brief exam and no adjustment.

Extended Office Visit: A level of service pertaining to an evaluation of patient with a new or existing problem requiring a detailed history, review of records, exam, and a formal conference with patient or family to evaluate and/or adjust therapeutic treatment management and progress.

Comprehensive Office Visit: A level of service pertaining to an indepth evaluation of a patient with a new or existing problem, requiring development or complete re-evaluation of treatment data; includes recording of chief complaints and present illness, family history, past treatment history, personal history, system review; and a

complete exam to evaluate and determine appropriate therapeutic treatment management and progress.

Unit
Value

REPORTING:

Reporting requirements are outlined in WAC 296-20-06101. Recognizing it is not common practice in chiropractic to keep office notes, the department or self-insurer will accept a brief narrative report of treatment received and the patient's progress as supporting documentation for billings of routine follow-up office visit care.

(See WAC 296-20-06101.)

INITIAL VISIT

C90000	Routine examination, history, chiropractic adjustment and submission of a report	20.0
C90017	Extended office visit including treatment - report required	30.0
C90020	Comprehensive office visit including treatment - report required	40.0

FOLLOW-UP VISITS

(C90040) C90050	Office visit including chiropractic adjustment	16.0
C90070	Extended office visit including treatment - report required	30.0

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-710 PHYSICAL THERAPY RULES. Practitioners should refer to WAC 296-20-010 through 296-20-125 for general information and rules pertaining to the care of injured workers. See WAC 296-20-125 for billing instructions.

Physical therapy treatment will be permitted only when given by a licensed registered physical therapist or a physical therapist assistant serving under the direction of a licensed registered physical therapist upon written prescription by a doctor. Doctor's rendering physical therapy should refer to WAC 296-21-095.

Use of diapulse or similar machine on injured workers is not authorized. See WAC 296-20-03002 for further information.

A physical therapy progress report must be submitted to the attending doctor, with a copy attached, to the billing department or the self-insurer following 12 treatment visits or one month, whichever occurs first. Physical therapy treatment beyond initial 12 treatments will be authorized only upon substantiation of improvement in the worker's condition in terms of functional modalities, i.e.: Range of motion; sitting and standing tolerance; reduction in medication; etc. In addition, an outline of the proposed treatment program, the expected restoration goals, and the expected length of treatment will be required.

Upon justification and subsequent authorization by the department, or self-insurer, physical therapy treatment to separate noncontiguous areas (i.e., ~~((tow))~~ low back, knee) requiring individual treatment or special procedures will be allowed at full rate for each area with a maximum of two areas allowed.

Physical therapy in the home and/or places other than the practitioners usual and customary business facilities (~~((justification to))~~) will be allowed only upon justification and authorization by the department or self-insurer.

No in-patient physical therapy treatment will be allowed when such treatment constitutes the only or major

CHIROPRACTIC MODIFIERS:

-22 Unusual Services: When treatment services provided are greater than that usually required for listed procedures. Use of this modifier must be based on the injured worker's need for extended or unusual care. A report is required; the modifier -22 should be added to the procedure number.

-52 Reduced Services: Under certain circumstances no treatment may be given, in these cases the procedure should be reduced by 10 unites and modifier -52 should be added to the procedure number.

MATERIAL SUPPLIED BY DOCTOR:

Department or Self-Insurer will reimburse the doctor for materials supplied, i.e. cervical collars, heel lifts, etc., at cost only. See RCW 19.68.010, Professional License Statutes. Use Procedure Number C99070.

SPECIAL SERVICES:

The following services are generally part of the basic services listed in the maximum fee schedule but do involve additional expenses to the chiropractor for materials, for his time or that of his employees. These services are generally provided as an adjunct to common chiropractic services and should be used only when circumstances clearly warrant an additional charge over and above the usual charges for the basic services.

	Unit Value
C90001 Completion of Report of Accident ((only))	12.0
C90097 Completion of Reopening Application	12.0
C99032 Mileage, one way, each mile beyond 7 mile radius of point of origin (office or home), per mile	2.0
C99040 Completion of Disability Card	2.0
C99052 Services requested between 6:00 p.m. and 8:00 a.m. in addition to basic services, provided the office is closed during this period of time	12.0
C99054 Services requested on Sundays and holidays in addition to basic services provided office is closed	12.0
C99070 Supplies, materials provided by doctor. Bill at cost	BR
<u>C99080 Special report requested by the agency or 60-day report</u>	<u>BR</u>

treatment received by the worker. See WAC 296-20-030 for further information.

Physical therapy treatments exceeding once per day must be justified by attending doctor.

Biofeedback treatment may be rendered on doctor's orders only, by those R.P.T.'s and L.P.T.'s working under the supervision of a R.P.T. The extent of biofeedback treatment is limited to those procedures allowed within the scope of practice of the R.P.T. or L.P.T. See WAC 296-21-0501 for rules pertaining to conditions authorized and report requirements.

AMENDATORY SECTION (Amending Order 80-29, filed 12/23/80, effective 3/1/81)

WAC 296-23-811 OFFICE VISITS AND SPECIAL SERVICES. DEFINITIONS:

Routine Office Visit: A level of service pertaining to the evaluation and treatment of a condition requiring only an abbreviated history and exam.

Extended Office Visit: A level of service pertaining to an evaluation of patient with a new or existing problem requiring a detailed history, review of records, exam, and a formal conference with patient or family to evaluate and/or adjust therapeutic treatment management and progress.

Comprehensive Office Visit: A level of service pertaining to an indepth evaluation of a patient with a new or existing problem, requiring development or complete re-evaluation of treatment data; includes recording of chief complaints and present illness, family history, past treatment history, personal history, system review, and a complete exam to evaluate and determine appropriate therapeutic treatment management and progress.

REPORTING:

Reporting requirements are outlined in WAC 296-20-06101. Recognizing it is not common practice in drugless therapeutics to keep office notes, the department or self-insurer will accept a brief narrative report of treatment received and the patient's progress as supporting documentation for billings of routine follow-up office visit care.

DRUGLESS THERAPEUTIC MODIFIERS:

-22 Unusual Services: When treatment services provided are greater than that usually required for listed procedures. Use of this modifier must be based on the injured worker's need for extended or unusual care. A report may be required. The modifier -22 should be added to the procedure number.

-52 Reduced Services: Under certain circumstances no treatment may be given, in these cases the procedure should be reduced by 10 units and modifier -52 should be added to the procedure number.

MATERIAL SUPPLIED BY DOCTOR:

Department or self-insurer will reimburse the doctor for materials supplied, i.e. cervical collars, heel lifts, etc., at cost only. See RCW 19.68.010, Professional License Statutes. Procedure Number D99070 should be used to bill these charges.

SPECIAL SERVICES:

The following services are generally part of the basic services listed in the maximum fee schedule but do involve additional expenses to the drugless therapeutic practitioner for materials, for his time or that of his employees. These services are generally provided as an adjunct to common drugless therapeutic services and should be used only when circumstances clearly warrant an additional charge over and above the usual charges for the basic services.

	Unit Value
D90001 Completion of Report of Accident ((only))	12.0
D90097 Completion of Reopening Application	12.0
D99032 Mileage, one way, each mile beyond 7 mile radius of point of origin (office or home), per mile	2.0
D99040 Completion of Disability Card	2.0
D99052 Services requested between 6:00 p.m. and 8:00 a.m. in addition to basic services, provided the office is closed during this period of time	12.0
D99054 Services requested on Sundays and holidays in addition to basic services provided office is closed	12.0
D99070 Supplies, materials provided by doctor - bill at cost	BR
<u>D99080 Special report requested by the agency or 60 day report</u>	<u>BR</u>

(See WAC 296-20-06101.)

INITIAL VISIT

D90000 Routine examination, history, and/or treatment (routine procedure), and submission of a report	20.0
D90017 Extended office visit including treatment - report required	30.0
D90020 Comprehensive office visit including treatment - report required	40.0

FOLLOW-UP TREATMENT

((D90040)) D90050 Routine office visit including evaluation and/or treatment	16.0
D90070 Extended office visit including treatment - report required	30.0

REPEALER

The following sections of the Washington Administrative Code are repealed:

- (1) WAC 296-23-013 FOOTNOTES.
- (2) WAC 296-23-395 RECOVERY ROOM—USE OF.

WSR 81-19-129
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-154—Filed September 23, 1981]

I, Rolland A. Schmitt, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to personal use shellfish rules.

I, Rolland A. Schmitt, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is this order is necessary to protect small razor clams from wastage.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 23, 1981.

By Rolland A. Schmitt
 Director

NEW SECTION

WAC 220-56-36000A RAZOR CLAMS—AREAS AND SEASONS Notwithstanding the provisions of WAC 220-56-360, effective immediately until further notice it is unlawful to take, dig for or possess razor clams taken for personal use from Pacific Ocean beaches in Razor Clam Areas 1, 2 and 3.

WSR 81-19-130
EMERGENCY RULES
DEPARTMENT OF FISHERIES
 [Order 81-155—Filed September 23, 1981]

I, Rolland A. Schmitt, director of the State Department of Fisheries, do promulgate and adopt at Olympia, Washington, the annexed rules relating to commercial fishing rules.

I, Rolland A. Schmitt, find that an emergency exists and that the foregoing order is necessary for the preservation of the public health, safety, or general welfare and that observance of the requirements of notice and opportunity to present views on the proposed action would be contrary to public interest. A statement of the facts constituting such emergency is scheduled fisheries in Areas 7, 7A and 7D are currently under IPSFC control. Fishery in Area 7B allows a harvest of coho salmon and prevents wastage of coho salmon. All other Puget

Sound areas are closed to all-citizen commercial fishing to prevent overharvest of salmon stocks.

Such rules are therefore adopted as emergency rules to take effect upon filing with the code reviser.

This rule is promulgated pursuant to RCW 75.08.080 and is intended to administratively implement that statute.

The undersigned hereby declares that he has complied with the provisions of the Open Public Meetings Act (chapter 42.30 RCW), the Administrative Procedure Act (chapter 34.04 RCW) or the Higher Education Administrative Procedure Act (chapter 28B.19 RCW), as appropriate, and the State Register Act (chapter 34.08 RCW).

APPROVED AND ADOPTED September 23, 1981.

By Rolland A. Schmitt
 Director

NEW SECTION

WAC 220-47-617 PUGET SOUND ALL-CITIZEN COMMERCIAL SALMON FISHERY Notwithstanding the provisions of WAC 220-47-403, effective September 23 through September 28, 1981, it is unlawful to take, fish for or possess salmon for commercial purposes in the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following restrictions:

Areas 4B, 5, 6, 6A, 6B, 6C, and 6D - Closed.

Areas 7 and 7A - Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-146. Gill nets restricted to 5-7/8-inch maximum mesh size when open.

* Area 7B - Closed except gill nets may fish from 5 p.m.-9 a.m. nightly from Wednesday September 23 through the morning of October 2 with 5-inch minimum to 6-1/2-inch maximum mesh, and purse seines may fish from 5 a.m. to 9 p.m. daily from Wednesday September 23 through Thursday October 1 and from 5 a.m. to 4 p.m. Friday October 2. Purse seines are required to release all chinook salmon when open. The Fidalgo Bay Salmon Preserve is closed as provided in WAC 220-47-307.

Area 7C - Closed.

Area 7D - Closed except under IPSFC and USDOC rules set forth in Emergency Orders 81-48 and 81-146. Gill nets restricted to 5-7/8-inch maximum mesh size when open.

* Areas 8, 8A, 9, 9A, 10, 10A, 10B, 10C, 10D, 10E, 11, 11A, 12, 12A, 12B, 12C, 12D, 13, 13A, 13B, and all freshwater areas - Closed.

REPEALER

The following section of the Washington Administrative Code is repealed effective September 23, 1981:

WAC 220-47-616 Puget Sound All-Citizen Commercial Salmon Fishery (81-147)

WSR 81-19-131
PROPOSED RULES
DEPARTMENT OF
LABOR AND INDUSTRIES
 [Filed September 23, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Department of Labor and Industries intends to adopt, amend, or repeal rules concerning the amending of several sections of chapter 296-24 WAC, general safety and health standards. Redundant sections on the requirements for toilet facilities are to be deleted, and an error in the numbering system in WAC 296-24-12007 is corrected; 296-24-19509 is amended to correct a wrong section reference; 296-24-37011 amendments will correct references in regard to the sprinkler system in rooms containing spray operations; 296-24-40513 is amended to correct references to the new sections in chapter 296-24 WAC regarding fixed extinguishing systems using a gas as the extinguishing agent; 296-24-55001 adds the definition of an emergency action plan and an emergency escape route. This amendment reflects a federal rule change; 296-24-56527 is amended to assure the employer maintains fire alarm signaling systems in accordance with the requirements of WAC 296-24-63107; chapter 296-52 WAC is amended to update incorrect references, i.e., Division of Safety is corrected to read Division of Industrial Safety and Health; Supervisor of Safety is corrected to Assistant Director; references to the construction standard are corrected; the fire protection references are corrected to reflect the new requirements in chapter 296-24 WAC; errors in spelling are to be corrected; 296-62-07107 is amended to delete the engineering controls from the respiratory section; 296-62-07501 is amended to delete the reference to respiratory protection; 296-62-09011 is amended to delete references to hearing protection sections dealing with sound levels. Personal protective hearing equipment and sound levels will be covered in the new standard on hearing conservation; 296-62-14525(2) is amended to clarify maintaining communication with someone in a confined space; and 296-62-14533 is amended to implement the recordkeeping requirements dealing with access to employee exposure records. This satisfies the federal regulation requirements on cotton dust. New sections are proposed for the general safety and health standard, chapter 296-24 WAC. These standards provide general design and installation requirements for portable fire suppression equipment (portable fire extinguishers and standpipe and hose systems), fixed suppression systems (automatic sprinkler systems and various other fixed extinguishing systems), fire detection systems, and local fire and emergency alarm signaling systems. These proposed new sections, WAC 296-24-567 through 296-24-63599, are identical to the federal regulations published in the Federal Register, September 12, 1980; 296-24-960 Proximity to

overhead power lines. This new proposal gives the requirements for employees working near high voltage lines; several new sections are proposed to chapter 296-62 WAC, general occupational health standard, WAC 296-62-09015 through 296-62-09061. These rules establish a hearing conservation program, including exposure monitoring, audiometric testing, and training for all employees who have occupational noise exposure equal to or exceeding an eight-hour time-weighted average of 85 dBA.

Written or oral submissions may also contain data, views, and arguments concerning the effect of the proposed rules or amendments of rules on economic values, pursuant to chapter 43.21H RCW.

The agency reserves the right to modify the text of these proposed rules before the public hearing or in response to written or oral comments received before or during the public hearing.

The agency may need to change the date for public hearing or adoption on short notice. To ascertain that the public hearing or adoption will take place as stated in this notice, an interested person may contact the person named below.

Correspondence relating to this notice and the proposed rules should be addressed to:

Richard E. Martin, Acting Asst. Director
 Industrial Safety and Health Division
 P. O. Box 207
 Olympia, Washington 98507
 Phone: (206) 753-6500;

that such agency will at 9:30 a.m., Thursday, October 29, 1981, in the Conference Room, General Administration Building, Olympia, Washington, conduct a hearing relative thereto.

The formal adoption, amendment, or repeal of such rules will take place at 9:30 a.m., Friday, December 4, 1981, in the Director's Office, Room 334, General Administration Building, Olympia, Washington.

The authority under which these rules are proposed is RCW 49.17.040 and 49.17.050.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to October 24, 1981, and/or orally at 9:30 a.m., Thursday, October 29, 1981, Conference Room, General Administration Building, Olympia, Washington.

Dated: September 23, 1981

By: Sam Kinville
 Director

STATEMENT OF PURPOSE

Title of Rule(s) or Chapter: Chapter 296-24 WAC General Safety and Health; chapter 296-52 WAC Safety Standards for the Possession, Handling and Use of Explosives; and chapter 296-62 WAC General Occupational Health.

Statutory Authority: RCW 49.17.040 and 49.17.050.

Summary of the Rule(s): This rule proposes to amend several sections of chapter 296-24 WAC, General Safety and Health Standards. Redundant sections on the requirements for toilet facilities are to be deleted, and an error in the numbering system in WAC 296-24-12007 is corrected; 296-24-19509 is amended to correct a wrong

section reference; 296-24-37011 amendments will correct references in regard to the sprinkler system in rooms containing spray operations; 296-24-40513 is amended to correct references to the new sections in chapter 296-24 WAC regarding fixed extinguishing systems using a gas as the extinguishing agent; 296-24-55001 adds the definition of an emergency action plan and an emergency escape route. This amendment reflects a federal rule change; and 296-24-56527 is amended to assure the employer maintains fire alarm signaling systems in accordance with the requirements of WAC 296-24-63107. New sections are proposed for the General Safety and Health Standard, chapter 296-24 WAC. These standards provide general design and installation requirements for portable fire suppression equipment (portable fire extinguishers and standpipe and hose systems), fixed suppression systems (automatic sprinkler systems and various other fixed extinguishing systems), fire detection systems, and local fire and emergency alarm signaling systems. These proposed new sections, WAC 296-24-567 through 296-24-63599, are identical to the federal regulations published in the Federal Register September 12, 1980; 296-24-960 Proximity to Overhead Power Lines. This new proposal gives the requirements for employees working near high voltage lines; chapter 296-52 WAC is amended to update incorrect references, i.e., Division of Safety is corrected to read Division of Industrial Safety and Health; Supervisor of Safety is corrected to Assistant Director; references to the construction standard are corrected; the fire protection references are corrected to reflect the new requirements in chapter 296-24 WAC; errors in spelling are to be corrected; 296-62-07107 is amended to delete the engineering controls from the respiratory section; 296-62-07501 is amended to delete the reference to respiratory protection; 296-62-09011 is amended to delete references to hearing protection sections dealing with sound levels. Personal protective hearing equipment and sound levels will be covered in the new standard on hearing conservation; 296-62-14525(2) is amended to clarify maintaining communication with someone in a confined space; 296-62-14533 is amended to implement the recordkeeping requirements dealing with access to employee exposure records. This satisfies the federal regulation requirements on cotton dust; and Several new sections are proposed to chapter 296-62 WAC, General Occupational Health Standard, WAC 296-62-09015 through 296-62-09061. These rules establish a hearing conservation program, including exposure monitoring, audiometric testing, and training for all employees who have occupational noise exposure equal to or exceeding an eight-hour time-weighted average of 85 dBA.

Description of the Purpose of the Rule(s): The Department of Labor and Industries has proposed amendments to chapter 296-24 WAC to correct errors in spelling, references and to delete redundant regulations. The new sections dealing with fire protection requirements are intended to minimize employee exposure to hazardous situations involving fire in the workplace and to provide for fire protection equipment and services for

the safe evacuation or rescue of employees endangered by unwanted workplace fires. A new section on proximity to overhead power lines states the minimum distance requirements the employee will be allowed when working near high voltage lines. When working in proximity to low voltage lines, work shall be performed in a manner to prevent contact by any worker with the energized conductor. Amendments to chapter 296-62 WAC, Occupational Health, are to correct or delete references and for clarification. The primary purpose of the new section on hearing conservation is to prevent occupationally related cases of hearing impairment.

Reasons Supporting the Proposed Rule(s): To ensure safe and healthful working conditions for every man and woman working in the state of Washington; and To be in compliance with federal regulations.

The Agency Personnel Responsible for the Drafting: Richard E. Martin, Technical Services Chief, Division of Industrial Safety and Health, 814 East Fourth, Olympia, Washington 98504, (206) 753-6381; Implementation and Enforcement: James P. Sullivan, Assistant Director, Division of Industrial Safety and Health, 814 East Fourth, Olympia, Washington 98504, (206) 753-6500.

Name of the Person or Organization, Whether Private, Public, or Governmental, that is Proposing the Rule: Department of Labor and Industries.

Agency Comments or Recommendations, if any, Regarding Statutory Language, Implementation, Enforcement and Fiscal Matters Pertaining to the Rule: These are basic rules that will not be difficult or expensive for employers who must comply with them. However, the rules will likely prevent many costly injuries, including death, to employees in the state of Washington.

The rule is necessary to comply with a federal law or a federal or state court decision: 29 U.S.C. § 667(c)(2).

Any other information that may be of assistance in identifying the rule or its purpose: None.

AMENDATORY SECTION (Amending Order 80-21, filed 11/13/80)

WAC 296-24-12007 TOILET FACILITIES. (1) General. (a) Except as otherwise indicated in this section, ((†)) toilet facilities, in toilet rooms separate for each sex, shall be provided in all places of employment in accordance with table B-1 of this section. The number of facilities to be provided for each sex shall be based on the number of employees of that sex for whom the facilities are furnished. Where toilet rooms will be occupied by no more than one person at a time, can be locked from the inside, and contain at least one water closet, separate toilet rooms for each sex need not be provided. Where such single-occupancy rooms have more than one toilet facility, only one such facility in each toilet room shall be counted for the purpose to table B-1.

TABLE B-1

Number of employees:	Minimum number of water closets
1 to 15	1
16 to 35	2
36 to 55	3
56 to 80	4
81 to 110	5

Number of employees:	Minimum number of water closets
111 to 150	6
Over 150	One additional fixture for each additional 40 employees

((f)) Where toilet facilities will not be used by women, urinals may be provided instead of water closets in such cases shall not be reduced to less than 2/3 of the minimum specified.

(b) The requirements of subdivision (a) of this subsection do not apply to mobile crews or to normally unattended work locations so long as employees working at these locations have transportation immediately available to nearby toilet facilities which meet the other requirements of this section.

(c) The sewage disposal method shall not endanger the health of employees.

~~((d)) When persons other than employees are permitted the use of toilet facilities on the premises, the number of such facilities shall be appropriately increased in accordance with table B-1 of this section in determining the minimum number of toilet facilities required.~~

~~(e) Toilet paper with holder shall be provided for every water closet.~~

~~(f) Covered receptacles shall be kept in all toilet rooms used by women.~~

~~(g) For each three required toilet facilities at least one lavatory shall be located either in the toilet room or adjacent thereto. Where only one or two toilet facilities are provided at least one lavatory so located shall be provided.)~~

(2) Construction of toilet rooms. ((a)) Each water closet shall occupy a separate compartment with a door and walls or partitions between fixtures sufficiently high to assure privacy.

~~((b) In all toilet rooms installed on or after August 31, 1971, the floor and sidewalls, including the angle formed by the floor and sidewalls, and excluding doorways and entrances, shall be watertight. The sidewalls shall be watertight to a height of at least 5 inches.~~

~~(c) The floors, walls, ceilings, partitions, and doors of all toilet rooms shall be of a finish that can be easily cleaned. In installations made on or after August 31, 1971, cove bases shall be provided to facilitate cleaning.~~

~~(3) Construction and installation of toilet facilities. (a) Every water carriage toilet facility shall be set entirely free and open from all enclosing structures and shall be so installed that the space around the facility can be easily cleaned. This provision does not prohibit the use of wall-hung type water closets or urinals.~~

~~(b) Every water closet shall have a hinged seat made of substantial material having a nonabsorbent finish. Seats installed or replaced after June 4, 1973, shall be of the open front type.~~

~~(c) Nonwater carriage toilet facilities and disposal systems shall be in accordance with WAC 296-24-130 through WAC 296-24-13013.)~~

AMENDATORY SECTION (Amending Order 76-6, filed 3/1/76)

WAC 296-24-19509 DESIGN, CONSTRUCTION, SETTING AND FEEDING OF DIES. (1) General requirements. Effective February 1, 1975, the employer shall:

(a) Use dies and operating methods designed to control or eliminate hazards to operating personnel, and

(b) Furnish and enforce the use of hand tools for freeing and removing stuck work or scrap pieces from the die, so that no employee need reach into the point of operation for such purposes.

(2) [Reserved].

(3) Scrap handling. The employer shall provide means for handling scrap from roll feed or random length stock operations. Scrap cutters used in conjunction with scrap handling systems shall be safeguarded in accordance with ((section 19505)) WAC 296-24-19507 and ((with WAC)) 296-24-205, Mechanical Power-Transmission Apparatus.

(4) Guide post hazard. The hazard created by a guide post (when it is located in the immediate vicinity of the operator) when separated from its bushing by more than one-fourth inch shall be considered as a point of operation hazard and be protected in accordance with ((section 19507)) WAC 296-24-19507.

(5) Unitized tooling. If unitized tooling is used, the opening between the top of the punch holder and the face of the slide, or striking pad, shall be safeguarded in accordance with the requirements of ((section 19505)) WAC 296-24-19507.

(6) Tonnage, stroke and weight designation. All dies shall be:

(a) Stamped with the tonnage and stroke requirements, or have these characteristics recorded if these records are readily available to the die setter;

(b) Stamped to indicate upper die weight when necessary for air counterbalance pressure adjustment; and

(c) Stamped to indicate complete die weight when handling equipment may become overloaded.

(7) Die fastening. Provision shall be made in both the upper and lower shoes for securely mounting the die to the bolster and slide. Where clamp caps or setscrews are used in conjunction with punch stems, additional means of securing the upper shoe to the slide shall be used.

(8) Die handling. Handling equipment attach points shall be provided on all dies requiring mechanical handling.

(9) Diesetting. (a) The employer shall establish a diesetting procedure that will insure compliance with ((section 19505)) WAC 296-24-19507.

(b) The employer shall provide spring loaded turnover bars, for presses designed to accept such turnover bars.

(c) The employer shall provide die stops or other means to prevent losing control of the die while setting or removing dies in presses which are inclined.

(d) The employer shall provide and enforce the use of safety blocks for use whenever dies are being adjusted or repaired in the press.

(e) The employer shall provide brushes, swabs, lubricating rolls and automatic or manual pressure guns so that operators and diesetters shall not be required to reach into the point of operation or other hazard areas to lubricate material, punches or dies.

AMENDATORY SECTION (Amending Order 73-5, filed 5/9/73 and Order 73-4, filed 5/7/73)

WAC 296-24-37011 PROTECTION. (1) Conformance. In sprinklered buildings, the automatic sprinkler system in rooms containing spray finishing operations shall conform to the ((Standard for the Installation of Sprinkler Systems, NFPA 13-1969, provisions for Extra-Hazard Occupancy, and)) requirements of WAC 296-24-607. In unsprinklered buildings where sprinklers are installed only to protect spraying areas, the installation(s) shall conform to such standards insofar as they ((may be)) are applicable. ((Sprinkler installations shall also conform to the provisions of this section.)) Sprinkler heads shall be located ((to effect)) so as to provide water distribution throughout the entire booth.

(2) Valve access. Automatic sprinklers protecting each spray booth (together with its connecting exhaust) shall be under an accessibly located separate outside stem and yoke (OS&Y) subcontrol valve.

(3) Cleaning of heads. Sprinklers protecting spraying areas shall be kept as free from deposits as practical by cleaning daily if necessary. (See also WAC 296-24-37013.)

(4) Portable extinguishers. An adequate supply of suitable portable fire extinguishers shall be installed near all spraying areas.

AMENDATORY SECTION (Amending Order 73-5, filed 5/9/73 and Order 73-4, filed 5/7/73)

WAC 296-24-40513 EXTINGUISHMENT. (1) Extinguishers. Areas in the vicinity of dip tanks shall be provided with manual fire extinguishers suitable for flammable and combustible liquid fires, conforming to ((Standard for Portable Fire Extinguishers NFPA No. 10-1970)) WAC 296-24-592.

(2) Automatic water spray extinguishing systems. ((Such systems shall conform to NFPA Standard for Water Spray Systems for Fire Protection NFPA No. 15-1969 and shall be arranged to protect tanks, drainboards, and stock over drainboards.)) Automatic water spray extinguishing systems shall conform to WAC 296-24-627 and shall be arranged to protect tanks, drainboards, and stock over drainboards.

(3) Automatic foam extinguishing systems. Automatic foam extinguishing systems shall conform to ((NFPA Standard for Foam Extinguishing Systems, NFPA No. 11-1970)) WAC 296-24-627 and;

(a) Foam producing material selected shall be suitable for intended use, taking into account characteristics of the dip tank liquid;

(b) Overflow pipe shall be arranged to prevent the floating away of foam and clogging overflow pipe. This may be accomplished by either of the following:

(i) Overflow pipe may be extended through tank wall and terminated in an ell pointing downward. The bottom of the overflow pipe at

the point it pierces tank wall should not be over 2 inches above the opening or face of the ell.

(ii) Overflow pipe inlet may be provided with a removable screen of 1/4-inch mesh having an area at least twice the cross-sectional area of overflow pipe. Screens which may be clogged by dip tank ingredients shall be inspected and cleaned periodically.

(4) Automatic carbon dioxide systems. Automatic carbon dioxide systems shall conform to ~~((NFPA Standard for Carbon Dioxide Extinguishing Systems, NFPA No. 12-1968;))~~ WAC 296-24-623 and shall be arranged to protect both dip tanks and drainboards, and unless stock over drainboards is otherwise protected with automatic extinguishing facilities, shall also be arranged to protect such stock.

(5) Dry chemical extinguishing systems. Dry chemical extinguishing systems shall conform to ~~((NFPA Standard for Dry Chemical Extinguishing Systems NFPA No. 17-1969;))~~ WAC 296-24-622 and shall be arranged to protect both dip tanks and drainboards, and unless stock over drainboards is otherwise protected with automatic extinguishing facilities, they shall also be arranged to protect such stock.

(6) Dip tank covers. (a) Covers arranged to close automatically in the event of fire shall be actuated by approved automatic devices and shall also be arranged for manual operation.

(b) Covers shall be of substantial noncombustible material or of tin-clad type with enclosing metal applied with locked joints.

(c) Chains or wire rope shall be used for cover support or operating mechanism where the burning of a cord would interfere with the action of a device.

(d) Covers shall be kept closed when tanks are not in use.

AMENDATORY SECTION (Amending Order 73-5, filed 5/9/73 and Order 73-4, filed 5/7/73)

WAC 296-24-55001 DEFINITIONS. (1) Means of egress. A means of egress is a continuous and unobstructed way of exit travel from any point in a building or structure to a public way and consists of three separate and distinct parts: The way of exit access, the exit, and the way of exit discharge. A means of egress comprises the vertical and horizontal ways of travel and shall include intervening room spaces, doorways, hallways, corridors, passageways, balconies, ramps, stairs, enclosures, lobbies, escalators, horizontal exits, courts, and yards.

(2) Exit access. Exit access is that portion of a means of egress which leads to an entrance to an exit.

(3) Exit. Exit is that portion of a means of egress which is separated from all other spaces of the building or structure by construction or equipment as required in these standards to provide a protected way of travel to the exit of discharge.

(4) Exit discharge. Exit discharge is that portion of a means of egress between the termination of an exit and a public way.

(5) Low hazard contents. Low hazard contents shall be classified as those of such low combustibility that no self-propagating fire therein can occur and that consequently the only probable danger requiring the use of emergency exits will be from panic, fumes, or smoke, or fire from some external source.

(6) High-hazard contents. High-hazard contents shall be classified as those which are liable to burn with extreme rapidity or from which poisonous fumes or explosions are to be feared in the event of fire.

(7) Ordinary hazard contents. Ordinary hazard contents shall be classified as those which are liable to burn with moderate rapidity and to give off a considerable volume of smoke but from which neither poisonous fumes nor explosions are to be feared in case of fire.

(8) Approved. For the purposes of these standards approved shall mean listed or approved equipment by a nationally recognized testing laboratory.

(9) Emergency action plan. A plan for a workplace, or parts thereof, describing what procedures the employer and employees must take to ensure employee safety from fire or other emergencies.

(10) Emergency escape route. The route that employees are directed to follow in the event they are required to evacuate the workplace or seek a designated refuge area.

AMENDATORY SECTION (Amending Order 73-5, filed 5/9/73 and Order 73-4, filed 5/7/73)

WAC 296-24-56527 ((ALARM AND)) FIRE ((DETECTION)) ALARM SIGNALING SYSTEMS. ((+)) Systems shall be under the supervision of a responsible person who shall cause proper tests to be made at weekly intervals and have general charge of all alterations and additions:

~~(2) Fire alarm signaling equipment shall be restored to service as promptly as possible after each test or alarm, and shall be kept in normal condition for operation. Equipment requiring rewinding or replenishing shall be rewound or replenished as promptly as possible after each test or alarm.))~~ The employer shall assure that fire alarm signaling systems are maintained and tested in accordance with the requirements of WAC 296-24-63107.

NEW SECTION

WAC 296-24-567 EMPLOYEE EMERGENCY PLANS AND FIRE PREVENTION PLANS. (1) Emergency action plan.

(a) Scope and application. This subdivision applies to all emergency action plans required by a particular WISHA standard. The emergency action plan shall be in writing (except as provided in the last sentence of (1)(a)(ii) of this section) and shall cover those designated actions employers and employees must take to ensure employee safety from fire and other emergencies.

(b) Elements. The following elements, at a minimum, shall be included in the plan:

(i) Emergency escape procedures and emergency escape route assignments;

(ii) Procedures to be followed by employees who remain to operate critical plant operations before they evacuate;

(iii) Procedures to account for all employees after emergency evacuation has been completed;

(iv) Rescue and medical duties for those employees who are to perform them;

(v) The preferred means of reporting fires and other emergencies; and

(vi) Names or regular job titles of persons or departments who can be contacted for further information or explanation of duties under the plan.

(c) Alarm systems.

(i) The employer shall establish an employee alarm system which complies with WAC 296-24-631.

(ii) If the employee alarm system is used for alerting fire brigade members, or for other purposes, a distinctive signal for each purpose shall be used.

(d) Evacuation. The employer shall establish in the emergency action plan the types of evacuation to be used in emergency circumstances.

(e) Training.

(i) Before implementing the emergency action plan, the employer shall designate and train a sufficient number of persons to assist in the safe and orderly emergency evacuation of employees.

(ii) The employer shall review the plan with each employee covered by the plan at the following times:

(A) Initially when the plan is developed;

(B) Whenever the employee's responsibilities or designated actions under the plan change; and

(C) Whenever the plan is changed.

(iii) The employer shall review with each employee upon initial assignment those parts of the plan which the employee must know to protect the employee in the event of an emergency. The written plan shall be kept at the workplace and made available for employee review. For those employers with ten or fewer employees the plan may be communicated orally to employees and the employer need not maintain a written plan.

(2) Fire prevention plan.

(a) Scope and application. This subsection applies to all fire prevention plans required by a particular WISHA standard. The fire prevention plan shall be in writing, except as provided in the last sentence of (2)(d)(ii) of this section.

(b) Elements. The following elements, at a minimum, shall be included in the fire prevention plan:

(i) A list of the major workplace fire hazards and their proper handling and storage procedures, potential ignition sources (such as welding, smoking and others) and their control procedures, and the type of fire protection equipment or systems which can control a fire involving them;

(ii) Names or regular job titles of those personnel responsible for maintenance of equipment and systems installed to prevent or control ignitions or fires; and

(iii) Names or regular job titles of those personnel responsible for control of fuel source hazards.

(c) Housekeeping. The employer shall control accumulations of flammable and combustible waste materials and residues so that they

do not contribute to a fire emergency. The housekeeping procedures shall be included in the written fire prevention plan.

(d) Training.

(i) The employer shall apprise employees of the fire hazards of the materials and processes to which they are exposed.

(ii) The employer shall review with each employee upon initial assignment those parts of the fire prevention plan which the employee must know to protect the employee in the event of an emergency. The written plan shall be kept in the workplace and made available for employee review. For those employers with ten or few employees, the plan may be communicated orally to employees and the employer need not maintain a written plan.

(e) Maintenance. The employer shall regularly and properly maintain, according to established procedures, equipment and systems installed on heat producing equipment to prevent accidental ignition of combustible materials. The maintenance procedures shall be included in the written fire prevention plan.

NEW SECTION

WAC 296-24-56701 APPENDIX. This appendix serves as a nonmandatory guideline to assist employers in complying with the appropriate requirements.

(1) Employee emergency plans. Emergency action plan elements. The emergency action plan should address emergencies that the employer may reasonably expect in the workplace. Examples are: Fire, toxic chemical releases; hurricanes; tornadoes; blizzards; floods; and others. The elements of the emergency action plan presented in WAC 296-24-567(1)(b) can be supplemented by the following to more effectively achieve employee safety and health in an emergency. The employer should list in detail the procedures to be taken by those employees who have been selected to remain behind to care for essential plant operations until their evacuations become absolutely necessary. Essential plant operations may include the monitoring of plant power supplies, water supplies, and other essential services which cannot be shut down for every emergency alarm. Essential plant operations may also include chemical or manufacturing processes which must be shut down in stages or steps where certain employees must be present to assure that safe shut down procedures are completed.

The use of floor plans or workplace maps which clearly show the emergency escape routes should be included in the emergency action plan. Color coding will aid employees in determining their route assignments.

The employer should also develop and explain in detail what rescue and medical first aid duties are to be performed and by whom. All employees are to be told what actions they are to take in these emergency situations that the employer anticipates may occur in the workplace.

(2) Emergency evacuation. At the time of an emergency, employees should know what type of evacuation is necessary and what their role is in carrying out the plan. In some cases where the emergency is very grave, total and immediate evacuation of all employees is necessary. In other emergencies, a partial evacuation of nonessential employees with a delayed evacuation of others may be necessary for continued plant operation. In some cases, only those employees in the immediate area of the fire may be expected to evacuate or move to a safe area such as when a local application fire suppression system discharge employee alarm is sounded. Employees must be sure that they know what is expected of them in all such emergency possibilities which have been planned in order to provide assurance of their safety from fire or other emergency.

The designation of refuge or safe areas for evacuation should be determined and identified in the plan. In a building divided into fire zones by fire walls, the refuge area may still be within the same building but in a different zone from where the emergency occurs.

Exterior refuge or safe areas may include parking lots, open fields or streets which are located away from the site of the emergency and which provide sufficient space to accommodate the employees. Employees should be instructed to move away from the exit discharge doors of the building, and to avoid congregating close to the building where they may hamper emergency operations.

(3) Emergency action plan training. The employer should assure that an adequate number of employees are available at all times during working hours to act as evacuation wardens so that employees can be swiftly moved from the danger location to the safe areas. Generally, one warden for each twenty employees in the workplace should be able to provide adequate guidance and instruction at the time of a fire

emergency. The employees selected or who volunteer to serve as wardens should be trained in the complete workplace layout and the various alternative escape routes from the workplace. All wardens and fellow employees should be made aware of handicapped employees who may need extra assistance, such as using the buddy system, and of hazardous areas to be avoided during emergencies. Before leaving, wardens should check rooms and other enclosed spaces in the workplace for employees who may be trapped or otherwise unable to evacuate the area.

After the desired degree of evacuation is completed, the wardens should be able to account for or otherwise verify that all employees are in the safe areas.

In buildings with several places of employment, employers are encouraged to coordinate their plans with the other employers in the building. A building-wide or standardized plan for the whole building is acceptable provided that the employers inform their respective employees of their duties and responsibilities under the plan. The standardized plan need not be kept by each employer in the multi-employer building provided there is an accessible location within the building where the plan can be reviewed by affected employees. When multi-employer, building-wide plans are not feasible, employers should coordinate their plans with the other employers within the building to assure that conflicts and confusion are avoided during time of emergencies. In multistory buildings where more than one employer is on a single floor, it is essential that these employers coordinate their plans with each other to avoid conflicts and confusion.

(4) Fire prevention housekeeping. The standard calls for the control of accumulations of flammable and combustible waste materials.

It is the intent of this standard to assure that hazardous accumulations of combustible waste materials are controlled so that a fast developing fire, rapid spread of toxic smoke, or an explosion will not occur. This does not necessarily mean that each room has to be swept each day. Employers and employees should be aware of the hazardous properties of materials in their workplaces, and the degree of hazard each poses. Certainly, oil soaked rags have to be treated differently than general paper trash in office areas. However, large accumulations of waste paper or corrugated boxes, etc., can pose a significant fire hazard. Accumulations of materials which can cause large fires or generate dense smoke that are easily ignited or may start from spontaneous combustion, are the types of materials with which this standard is concerned. Such combustible materials may be easily ignited by matches, welder's sparks, cigarettes, and similar low level energy ignition sources.

(5) Maintenance of equipment under the fire prevention plan. Certain equipment is often installed in workplaces to control heat sources or to detect fuel leaks. An example is a temperature limit switch often found on deep-fat food fryers found in restaurants. There may be similar switches for high temperature dip tanks, or flame failure and flashback arrester devices on furnaces and similar heat producing equipment. If these devices are not properly maintained or if they become inoperative, a definite fire hazard exists. Again employees and supervisors should be aware of the specific type of control devices on equipment involved with combustible materials in the workplace and should make sure, through periodic inspection or testing, that these controls are operable. Manufacturers' recommendations should be followed to assure proper maintenance procedures.

NEW SECTION

WAC 296-24-58503 SCOPE, APPLICATION AND DEFINITIONS APPLICABLE. (1) Scope. This subpart contains requirements for fire brigades, and all portable and fixed fire suppression equipment, fire detection systems, and fire or employee alarm systems installed to meet the fire protection requirements of chapter 296-24 WAC.

(2) Application. This subpart applies to all employments except for maritime, construction, and agriculture.

(3) Definitions applicable to this subpart.

(a) "After-flame," means the time a test specimen continues to flame after the flame source has been removed.

(b) "Aqueous film forming foam (AFFF)," means a fluorinated surfactant with a foam stabilizer which is diluted with water to act as a temporary barrier to exclude air from mixing with the fuel vapor by developing an aqueous film on the fuel surface of some hydrocarbons which is capable of suppressing the generation of fuel vapors.

(c) "Approved," means acceptable to the director under the following criteria:

(i) If it is accepted, or certified, or listed, or labeled or otherwise determined to be safe by a nationally recognized testing laboratory, such as, but not limited to, Underwriters' Laboratories, Inc. or the Factory Mutual System; or

(ii) With respect to an installation or equipment of a kind which no nationally recognized testing laboratory accepts, certifies, lists, labels, or determines to be safe, if it is inspected or tested by another Federal agency and found in compliance with the provisions of the applicable National Fire Protection Association Fire Code; or

(iii) With respect to custom-made equipment or related installations which are designed, fabricated for, and intended for use by manufacturer on the basis of test data which the employer keeps and makes available for inspection to the director; and

(iv) For the purposes of this subsection (3)(c) of this section:

(A) Equipment is listed if it is of a kind mentioned in a list which is published by a nationally recognized testing laboratory which makes periodic inspections of the production of such equipment and which states that such equipment meets nationally recognized standards or has been tested and found safe for use in a specified manner;

(B) Equipment is labeled if there is attached to it a label, symbol, or other identifying mark of a nationally recognized testing laboratory which makes periodic inspections of the production of such equipment and whose labeling indicates compliance with nationally recognized standards or tests to determine safe use in a specified manner;

(C) Equipment is accepted if it has been inspected and found by a nationally recognized testing laboratory to conform to specified plans or to procedures of applicable codes; and

(D) Equipment is certified if it has been tested and found by a nationally recognized testing laboratory to meet nationally recognized standards or to be safe for use in a specified manner or is of a kind whose production is periodically inspected by a nationally recognized testing laboratory, and if it bears a label, tag, or other record of certification.

(d) "Automatic fire detection device," means a device designed to automatically detect the presence of fire by heat, flame, light, smoke or other products of combustion.

(e) "Buddy-breathing device," means an accessory to self-contained breathing apparatus which permits a second person to share the same air supply as that of the wearer of the apparatus.

(f) "Carbon dioxide," means a colorless, odorless, electrically non-conductive inert gas (chemical formula CO₂) that is a medium for extinguishing fires by reducing the concentration of oxygen or fuel vapor in the air to the point where combustion is impossible.

(g) "Class A fire," means a fire involving ordinary combustible materials such as paper, wood, cloth, and some rubber and plastic materials.

(h) "Class B fire," means a fire involving flammable or combustible liquids, flammable gases, greases and similar materials, and some rubber and plastic materials.

(i) "Class C fire," means a fire involving energized electrical equipment where safety to the employee requires the use of electrically non-conductive extinguishing media.

(j) "Class D fire," means a fire involving combustible metals such as magnesium, titanium, zirconium, sodium, lithium and potassium.

(k) "Dry chemical," means an extinguishing agent composed of very small particles of chemicals such as, but not limited to, sodium bicarbonate, potassium bicarbonate, urea-based potassium bicarbonate, potassium chloride, or monoammonium phosphate supplemented by special treatment to provide resistance to packing and moisture absorption (caking) as well as to provide proper flow capabilities. Dry chemical does not include dry powders.

(l) "Dry powder," means a compound used to extinguish or control Class D fires.

(m) "Education," means the process of imparting knowledge or skill through systematic instruction. It does not require formal classroom instruction.

(n) "Enclosed structure," means a structure with a roof or ceiling and at least two walls which may present fire hazards to employees, such as accumulations of smoke, toxic gases and heat similar to those found in buildings.

(o) "Extinguisher classification," means the letter classification given an extinguisher to designate the class or classes of fire on which an extinguisher will be effective.

(p) "Extinguisher rating," means the numerical rating given to an extinguisher which indicates the extinguishing potential of the unit based on standardized tests developed by Underwriters' Laboratories, Inc.

(q) "Fire brigade," (private fire department, industrial fire department) means an organized group of employees who are knowledgeable, trained, and skilled in at least basic fire fighting operations.

(r) "Fixed extinguishing system," means a permanently installed system that either extinguishes or controls a fire at the location of the system.

(s) "Flame resistance," is the property of materials, or combinations of component materials, to retard ignition and restrict the spread of flame.

(t) "Foam," means a stable aggregation of small bubbles which flow freely over a burning liquid surface and form a coherent blanket which seals combustible vapors and thereby extinguishes the fire.

(u) "Gaseous agent," is a fire extinguishing agent which is in the gaseous state at normal room temperature and pressure. It has low viscosity, can expand or contract with changes in pressure and temperature, and has the ability to diffuse readily and to distribute itself uniformly throughout an enclosure.

(v) "Halon 1211," means a colorless, faintly sweet smelling, electrically nonconductive liquefied gas (chemical formula CBrClF₂) which is a medium for extinguishing fires by inhibiting the chemical chain reaction of fuel and oxygen. It is also known as bromochlorodifluoromethane.

(w) "Halon 1301," means a colorless, odorless, electrically nonconductive gas (chemical formula CBrF₃) which is a medium for extinguishing fires by inhibiting the chemical chain reaction of fuel and oxygen. It is also known as bromotrifluoromethane.

(x) "Helmet," is a head protective device consisting of a rigid shell, energy absorption system and chin strap intended to be worn to provide protection for the head or portions thereof, against impact, flying or falling objects, electric shock, penetration, heat and flame.

(y) "Incipient stage fire," means a fire which is in the initial or beginning stage and which can be controlled or extinguished by portable fire extinguishers, Class II standpipe or small hose systems without the need for protective clothing or breathing apparatus.

(z) "Inspection," means a visual check of fire protection systems and equipment to ensure that they are in place, charged, and ready for use in the event of a fire.

(aa) "Interior structural fire fighting," means the physical activity of fire suppression, rescue or both, inside of buildings or enclosed structures which are involved in a fire situation beyond the incipient stage.

(bb) "Lining," means a material permanently attached to the inside of the outer shell of a garment for the purpose of thermal protection and padding.

(cc) "Local application system," means a fixed fire suppression system which has a supply of extinguishing agent, with nozzles arranged to automatically discharge extinguishing agent directly on the burning material to extinguish or control a fire.

(dd) "Maintenance," means the performance of services on fire protection equipment and systems to assure that they will perform as expected in the event of a fire. Maintenance differs from inspection in that maintenance requires the checking of internal fitting, devices and agent supplies.

(ee) "Multipurpose dry chemical," means a dry chemical which is approved for use on Class A, Class B and Class C fires.

(ff) "Outer shell," is the exterior layer of material on the fire coat and protective trousers which forms the outermost barrier between the fire fighter and the environment. It is attached to the vapor barrier and liner and is usually constructed with a storm flap, suitable closures, and pockets.

(gg) "Positive-pressure breathing apparatus," means self-contained breathing apparatus in which the pressure in the breathing zone is positive in relation to the immediate environment during inhalation and exhalation.

(hh) "Pre-discharge employee alarm," means an alarm which will sound at a set time prior to actual discharge of an extinguishing system so that employees may evacuate the discharge area prior to system discharge.

(ii) "Quick disconnect valve," means a device which starts the flow of air by inserting of the hose (which leads from the facepiece) into the regulator of self-contained breathing apparatus, and stops the flow of air by disconnection of the hose from the regulator.

(jj) "Sprinkler alarm," means an approved device installed so that any waterflow from a sprinkler system equal to or greater than that from single automatic sprinkler will result in an audible alarm signal on the premises.

(kk) "Sprinkler system," means a system of piping designed in accordance with fire protection engineering standards and installed to

control or extinguish fires. The system includes an adequate and reliable water supply, and a network of specially sized piping and sprinklers which are interconnected. The system also includes a control valve and a device for actuating an alarm when the system is in operation.

(ll) "Standpipe systems:"

(i) "Class I standpipe system," means a two and one-half-inch (6.3 cm) hose connection for use by fire departments and those trained in handling heavy fire streams.

(ii) "Class II standpipe system," means a one and one-half-inch (3.8 cm) hose system which provides a means for the control or extinguishment of incipient stage fires.

(iii) "Class III standpipe system," means a combined system of hose which is for the use of employees trained in the use of hose operations and which is capable of furnishing effective water discharge during the more advanced stages of fire (beyond the incipient stage) in the interior of workplaces. Hose outlets are available for both one and one-half-inch (3.8 cm) and two and one-half-inch (6.3 cm) hose.

(iv) "Small hose system," means a fixed suppression system ranging in diameter from five-eighths-inch (1.6 cm) up to one and one-half-inch (3.8 cm) which is for the use of employees and which provides a means for the control and extinguishment of incipient stage fires.

(mm) "Total flooding system," means a fixed suppression system which is arranged to automatically discharge a predetermined concentration of agent into an enclosed space for the purpose of fire extinguishment or control.

(nn) "Training," means the process of making proficient through instruction and hands-on practice in the operation of equipment, including respiratory protection equipment, that is expected to be used in the performance of assigned duties.

(oo) "Vapor barrier," means that material used to prevent or substantially inhibit the transfer of water, corrosive liquids and steam or other hot vapors from the outside of a garment to the wearer's body.

NEW SECTION

WAC 296-24-58505 FIRE BRIGADES. Scope and application.

(1) Scope. This section contains requirements for the organization, training and personal protective equipment of fire brigades whenever they are established by an employer.

(2) Application. The requirements of this section apply to fire brigades, industrial fire departments and private or contractual type fire departments. Personal protective equipment requirements apply only to members of fire brigades performing interior structural fire fighting. The requirements of this section do not apply to airport crash rescue or forest fire fighting operations.

NEW SECTION

WAC 296-24-58507 ORGANIZATION. (1) Organizational statement. The employer shall prepare and maintain a statement or written policy which establishes the existence of a fire brigade; the basic organizational structure; the type, amount, and frequency of training to be provided to fire brigade members; the expected number of members in the fire brigade; and the functions that the fire brigade is to perform at the workplace. The organizational statement shall be available for inspection by the director and by employees or their designated representatives.

(2) Personnel. The employer shall assure that employees who are expected to do interior structural fire fighting are physically capable of performing duties which may be assigned to them during emergencies. The employer shall not permit employees with known heart disease, epilepsy, or emphysema, to participate in fire brigade emergency activities unless a physician's certificate of the employees' fitness to participate in such activities is provided. For employees assigned to fire brigades before September 15, 1980, this section is effective on September 15, 1990. For employees assigned to fire brigades on or after September 15, 1980, this section is effective thirty days after filing with the Code Reviser.

NEW SECTION

WAC 296-24-58509 TRAINING AND EDUCATION. (1) The employer shall provide training and education for all fire brigade members commensurate with those duties and functions that fire brigade members are expected to perform. Such training and education shall be provided to fire brigade members before they perform fire brigade emergency activities. Fire brigade leaders and training instructors

shall be provided with training and education which is more comprehensive than that provided to the general membership of the fire brigade.

(2) The employer shall assure that training and education is conducted frequently enough to assure that each member of the fire brigade is able to perform the member's assigned duties and functions satisfactorily and in a safe manner so as not to endanger fire brigade members or other employees. All fire brigade members shall be provided with training at least annually. In addition, fire brigade members who are expected to perform interior structural fire fighting shall be provided with an education session or training at least quarterly.

(3) The quality of the training and education program for fire brigade members shall be similar to those conducted by such fire training schools as the Maryland Fire and Rescue Institute; Iowa Fire Service Extension; West Virginia Fire Service Extension; Georgia Fire Academy; New York State Department, Fire Prevention and Control; Louisiana State University Firemen Training Program; or Washington State's Fire Service Training Commission for Vocational Education. (For example, for the oil refinery industry, with its unique hazards, the training and education program for those fire brigade members shall be similar to those conducted by Texas A and M University, Lamar University, Reno Fire School, or the Delaware State Fire School.)

(4) The employer shall inform fire brigade members about special hazards such as storage and use of flammable liquids and gases, toxic chemicals, radioactive sources, and water reactive substances, to which they may be exposed during fire and other emergencies. The fire brigade members shall also be advised of any changes that occur in relation to the special hazards. The employer shall develop and make available for inspection by fire brigade members, written procedures that describe the actions to be taken in situations involving the special hazards and shall include these in the training and education program.

NEW SECTION

WAC 296-24-58511 FIRE FIGHTING EQUIPMENT. The employer shall maintain and inspect, at least annually, fire fighting equipment to assure the safe operational condition of the equipment. Portable fire extinguishers and respirators shall be inspected at least monthly. Fire fighting equipment that is in damaged or unserviceable condition shall be removed from service and replaced.

NEW SECTION

WAC 296-24-58513 PROTECTIVE CLOTHING. The following requirements apply to those employees who perform interior structural fire fighting. The requirements do not apply to employees who use fire extinguishers or standpipe systems to control or extinguish fires only in the incipient stage.

(1) General.

(a) The employer shall provide at no cost to the employee and assure the use of protective clothing which complies with the requirements of this section. The employer shall assure that protective clothing ordered or purchased after January 1, 1982, meets the requirements contained in this section. As the new equipment is provided, the employer shall assure that all fire brigade members wear the equipment when performing interior structural fire fighting. After July 1, 1985, the employer shall assure that all fire brigade members wear protective clothing meeting the requirements of this section when performing interior structural fire fighting.

(b) The employer shall assure that protective clothing protects the head, body, and extremities, and consists of at least the following components: Foot and leg protection; hand protection; body protection; eye, face and head protection.

(2) Foot and leg protection.

(a) Foot and leg protection shall meet the requirements of subsection (2)(b) and (c) of this section, and may be achieved by either of the following methods:

(i) Fully extended boots which provide protection for the legs; or

(ii) Protective shoes or boots worn in combination with protective trousers that meet the requirements of subsection (3) of this section.

(b) Protective footwear shall meet the requirements of WAC 296-24-088 for Class 75 footwear. In addition, protective footwear shall be water-resistant for at least five inches (12.7 cm) above the bottom of the heel and shall be equipped with slip-resistant outer soles.

(c) Protective footwear shall be tested in accordance with paragraph (1) Appendix E, and shall provide protection against penetration of the midsole by a size 8D common nail when at least 300 pounds (1330 N) of static force is applied to the nail.

(3) Body protection.

(a) Body protection shall be coordinated with foot and leg protection to ensure full body protection for the wearer. This shall be achieved by one of the following methods:

(i) Wearing of a fire-resistant coat meeting the requirements of subsection (3)(b) of this section, in combination with fully extended boots meeting the requirements of subsection (2)(b) and (c) of this section; or

(ii) Wearing of fire-resistant coat in combination with protective trousers both of which meet the requirements of subsection (3)(b) of this section.

(b) The performance, construction, and testing of fire-resistant coats and protective trousers shall be at least equivalent to the requirements of the National Fire Protection Association (NFPA) standard NFPA No. 1971-1975, "Protective Clothing for Structural Fire Fighting," (See Appendix D) with the following permissible variations from those requirements:

(i) Tearing strength of the outer shell shall be a minimum of eight pounds (35.6 N) in any direction when tested in accordance with paragraph (2) of Appendix E; and

(ii) The outer shell may discolor but shall not separate or melt when placed in a forced air laboratory oven at a temperature of 500°F (260°C) for a period of five minutes. After cooling to ambient temperature and using the test method specified in paragraph (3) of Appendix E, char length shall not exceed 4.0 inches (10.2 cm) and after-flame shall not exceed 2.0 seconds.

(4) Hand protection.

(a) Hand protection shall consist of protective gloves or glove system which will provide protection against cut, puncture, and heat penetration. Gloves or glove system shall be tested in accordance with the test methods contained in the National Institute for Occupational Safety and Health (NIOSH) 1976 publication, "The Development of Criteria for Fire Fighter's Gloves; Vol. II, Part II: Test Methods," (See Appendix D to Subpart L) and shall meet the following criteria for cut, puncture, and heat penetration:

(i) Materials used for gloves shall resist surface cut by a blade with an edge having a 60 degree included angle and a .025 mm (.001 inch) radius, under an applied force of 7.2 kg (16 pounds), and at a slicing velocity of greater or equal to 2.5 cm/sec (60 in/min);

(ii) Materials used for the palm and palm side of the fingers shall resist puncture by a penetrometer (simulating a 4d lath nail), under an applied force of 6 kg (13.2 pounds), and at a velocity greater or equal to .85 cm/sec (20 in/min); and

(iii) The temperature inside the palm and gripping surface of the fingers of gloves shall not exceed 57° C (135° F) when gloves or glove system are exposed to 500° C (932° F) for five seconds at 28 kPa (4 psi) pressure.

(b) Exterior materials of gloves shall be flame resistant and shall be tested in accordance with paragraph (3) of Appendix E. Maximum allowable after-flame shall be 2.0 seconds, and the maximum char length shall be 4.0 inches (10.2 cm).

(c) When design of the fire-resistant coat does not otherwise provide protection for the wrists, protective gloves shall have wristlets of at least 4.0 inches (10.2 cm) in length to protect the wrist area when the arms are extended upward and outward from the body.

(5) Head, eye and face protection.

(a) Head protection shall consist of a protective head device with ear flaps and chin strap which meet the performance, construction, and testing requirements of the National Fire Safety and Research Office of the National Fire Prevention and Control Administration, United States Department of Commerce (now known as the United States Fire Administration), which are contained in, "Model Performance Criteria for Structural Firefighters' Helmets," (August 1977) (See Appendix D).

(b) Protective eye and face devices which comply with WAC 296-24-078 shall be used by fire brigade members when performing operations where the hazards of flying or falling materials which may cause eye and face injuries are present. Protective eye and face devices provided as accessories to protective head devices (face shields) are permitted when such devices meet the requirements of WAC 296-24-078.

(c) Full facemasks, helmets, or hoods of breathing apparatus which meet the requirements of WAC 296-24-081 and 296-24-58515, shall be acceptable as meeting the eye and face protection requirements of subsection (5)(b) of this section.

NEW SECTION

WAC 296-24-58515 RESPIRATORY PROTECTION DEVICES. (1) General requirements.

(a) The employer shall provide at no cost to the employee and assure the use of respirators which comply with the requirements of this paragraph. The employer shall assure that respiratory protective devices worn by brigade members meet the requirements contained in WAC 296-24-081, and the requirements contained in this paragraph, and are certified under 30 CFR Part II.

(b) Approved self-contained breathing apparatus with full-face-piece, or with approved helmet or hood configuration, shall be provided to and worn by fire brigade members while working inside buildings or confined spaces where toxic products of combustion or an oxygen deficiency may be present. Such apparatus shall also be worn during emergency situations involving toxic substances.

(c) Approved self-contained breathing apparatus may be equipped with either a "buddy-breathing" device or a quick disconnect valve, even if these devices are not certified by NIOSH. If these accessories are used, they shall not cause damage to the apparatus, or restrict the air flow of the apparatus, or obstruct the normal operation of the apparatus.

(d) Approved self-contained compressed air breathing apparatus may be used with approved cylinders from other approved self-contained compressed air breathing apparatus provided that such cylinders are of the same capacity and pressure rating. All compressed air cylinders used with self-contained breathing apparatus shall meet DOT and NIOSH criteria.

(e) Self-contained breathing apparatus shall have a minimum service life rating of thirty minutes in accordance with the methods and requirements of the Mine Safety and Health Administration (MSHA) and NIOSH, except for escape self-contained breathing apparatus (ESCBAs) used only for emergency escape purposes.

(f) Self-contained breathing apparatus shall be provided with an indicator which automatically sounds an audible alarm when the remaining service life of the apparatus is reduced to within a range of twenty to twenty-five percent of its rated service time.

(2) Positive-pressure breathing apparatus.

(a) The employer shall assure that self-contained breathing apparatus ordered or purchased after January 1, 1982, for use by fire brigade members performing interior structural fire fighting operations, are of the pressure-demand or other positive-pressure type. Effective July 1, 1983, only pressure-demand or other positive-pressure self-contained breathing apparatus shall be worn by fire brigade members performing interior structural fire fighting.

(b) This section does not prohibit the use of a self-contained breathing apparatus where the apparatus can be switched from a demand to a positive-pressure mode. However, such apparatus shall be in the positive-pressure mode when fire brigade members are performing interior structural fire fighting operations.

(c) Negative-pressure self-contained breathing apparatus with a rated service life of more than two hours and which have a minimum protection factor of 5,000, as determined by an acceptable quantitative fit test performed on each individual, is acceptable for use only during those interior structural fire fighting situations for which the employer demonstrates that long duration breathing apparatus is necessary. Quantitative fit test procedures shall be available for inspection by the director or authorized representative. Such negative-pressure breathing apparatus will continue to be acceptable for eighteen months after a positive-pressure breathing apparatus with the same or longer rated service life is certified by NIOSH. After this eighteen-month period, all self-contained breathing apparatus used for these long duration situations shall be of the positive-pressure type.

NEW SECTION

WAC 296-24-58517 APPENDIX A—FIRE BRIGADES. (1) Scope. This section does not require an employer to organize a fire brigade. However, if an employer does decide to organize a fire brigade, the requirements of this section apply.

(2) Prefire planning. It is suggested that prefire planning be conducted by the local fire department and/or the workplace fire brigade in order for them to be familiar with the workplace and process hazards. Involvement with the local fire department or fire prevention bureau is encouraged to facilitate coordination and cooperation between members of the fire brigade and those who might be called upon for assistance during a fire emergency.

(3) Organizational statement. In addition to the information required in the organizational statement, WAC 296-24-58507(1), it is suggested that the organizational statement also contain the following information: A description of the duties that the fire brigade members are expected to perform; the line authority of each fire brigade officer; the number of the fire brigade officers and number of training instructors; and a list and description of the types of awards or recognition that brigade members may be eligible to receive.

(4) Physical capability. The physical capability requirement applies only to those fire brigade members who perform interior structural fire fighting. Employees who cannot meet the physical capability requirement may still be members of the fire brigade as long as such employees do not perform interior structural fire fighting. It is suggested that fire brigade members who are unable to perform interior structural fire fighting be assigned less stressful and physically demanding fire brigade duties, e.g., certain types of training, recordkeeping, fire prevention inspection and maintenance, and fire pump operations.

Physically capable can be defined as being able to perform those duties specified in the training requirements of WAC 296-24-58509. Physically capable can also be determined by physical performance tests or by a physical examination when the examining physician is aware of the duties that the fire brigade member is expected to perform.

It is also recommended that fire brigade members participate in a physical fitness program. There are many benefits which can be attributed to being physically fit. It is believed that physical fitness may help to reduce the number of sprain and strain injuries as well as contributing to the improvement of the cardiovascular system.

(5) Training and education. The paragraph on training and education does not contain specific training and education requirements because the type, amount, and frequency of training and education will be as varied as are the purposes for which fire brigades are organized. However, the paragraph does require that training and education be commensurate with those functions that the fire brigade is expected to perform; i.e., those functions specified in the organizational statement. Such a performance requirement provides the necessary flexibility to design a training program which meets the needs of individual fire brigades.

At a minimum, hands-on training is required to be conducted annually for all fire brigade members. However, for those fire brigade members who are expected to perform interior structural fire fighting, some type of training or education session must be provided at least quarterly.

In addition to the required hands-on training, it is strongly recommended that fire brigade members receive other types of training and education such as: Classroom instruction, review of emergency action procedures, prefire planning, review of special hazards in the workplace, and practice in the use of self-contained breathing apparatus.

It is not necessary for the employer to duplicate the same training or education that a fire brigade member receives as a member of a community volunteer fire department, rescue squad, or similar organization. However, such training or education must have been provided to the fire brigade member within the past year and it must be documented that the fire brigade member has received the training or education. For example: There is no need for a fire brigade member to receive another training class in the use of positive-pressure self-contained breathing apparatus if the fire brigade member has recently completed such training as a member of a community fire department. Instead, the fire brigade member should receive training or education covering other important equipment or duties of the fire brigade as they relate to the workplace hazards, facilities and processes.

It is generally recognized that the effectiveness of fire brigade training and education depends upon the expertise of those providing the training and education as well as the motivation of the fire brigade members. Fire brigade training instructors must receive a higher level of training and education than the fire brigade members they will be teaching. This includes being more knowledgeable about the functions to be performed by the fire brigade and the hazards involved. The instructors should be qualified to train fire brigade members and demonstrate skills in communication, methods of teaching, and motivation. It is important for instructors and fire brigade members alike to be motivated toward the goal of the fire brigade and be aware of the importance of the service that they are providing for the protection of other employees and the workplace.

It is suggested that publications from the International Fire Service Training Association, the National Fire Protection Association (NFPA-1041), the International Society of Fire Service Instructors

and other fire training sources be consulted for recommended qualifications of fire brigade training instructors.

In order to be effective, fire brigades must have competent leadership and supervision. It is important for those who supervise the fire brigade during emergency situations, e.g., fire brigade chiefs, leaders, etc., to receive the necessary training and education for supervising fire brigade activities during these hazardous and stressful situations. These fire brigade members with leadership responsibilities should demonstrate skills in strategy and tactics, fire suppression and prevention techniques, leadership principles, prefire planning, and safety practices. It is again suggested that fire service training sources be consulted for determining the kinds of training and education which are necessary for those with fire brigade leadership responsibilities.

It is further suggested that fire brigade leaders and fire brigade instructors receive more formalized training and education on a continuing basis by attending classes provided by such training sources as universities and university fire extension services.

The following recommendations should not be considered to be all of the necessary elements of a complete comprehensive training program, but the information may be helpful as a guide in developing a fire brigade training program.

All fire brigade members should be familiar with exit facilities and their location, emergency escape routes for handicapped workers, and the workplace "emergency action plan."

In addition, fire brigade members who are expected to control and extinguish fires in the incipient stage should, at a minimum, be trained in the use of fire extinguishers, standpipes, and other fire equipment they are assigned to use. They should also be aware of first aid medical procedures and procedures for dealing with special hazards to which they may be exposed. Training and education should include both classroom instruction and actual operation of the equipment under simulated emergency conditions. Hands-on type training must be conducted at least annually but some functions should be reviewed more often.

In addition to the above training, fire brigade members who are expected to perform emergency rescue and interior structural fire fighting should, at a minimum, be familiar with the proper techniques in rescue and fire suppression procedures. Training and education should include fire protection courses, classroom training, simulated fire situations including "wet drills" and, when feasible, extinguishment of actual mock fires. Frequency of training or education must be at least quarterly, but some drills or classroom training should be conducted as often as monthly or even weekly to maintain the proficiency of fire brigade members.

There are many excellent sources of training and education that the employer may want to use in developing a training program for the workplace fire brigade. These sources include publications, seminars, and courses offered by universities.

There are also excellent fire school courses by such facilities as Texas A and M University, Delaware State Fire School, Lamar University, and Reno Fire School, that deal with those unique hazards which may be encountered by fire brigades in the oil and chemical industry. These schools, and others, also offer excellent training courses which would be beneficial to fire brigades in other types of industries. These courses should be a continuing part of the training program, and employers are strongly encouraged to take advantage of these excellent resources.

It is also important that fire brigade members be informed about special hazards to which they may be exposed during fire and other emergencies. Such hazards as storage and use areas of flammable liquids and gases, toxic chemicals, water-reactive substances, etc., can pose difficult problems. There must be written procedures developed that describe the actions to be taken in situations involving special hazards. Fire brigade members must be trained in handling these special hazards as well as keeping abreast of any changes that occur in relation to these special hazards.

(6) Fire fighting equipment. It is important that fire fighting equipment that is in damaged or unserviceable condition be removed from service and replaced. This will prevent fire brigade members from using unsafe equipment by mistake.

Fire fighting equipment, except portable fire extinguishers and respirators, must be inspected at least annually. Portable fire extinguishers and respirators are required to be inspected at least monthly.

(7) Protective clothing.

(a) General. WAC 296-24-58513 does not require all fire brigade members to wear protective clothing. It is not the intention of these standards to require employers to provide a full ensemble of protective

clothing for every fire brigade member without consideration given to the types of hazardous environments to which the fire brigade member might be exposed. It is the intention of these standards to require adequate protection for those fire brigade members who might be exposed to fires in an advanced stage, smoke, toxic gases, and high temperatures. Therefore, the protective clothing requirements only apply to those fire brigade members who perform interior structural fire fighting operations.

Additionally, the protective clothing requirements do not apply to the protective clothing worn during outside fire fighting operations (brush and forest fires, crash crew operations) or other special fire fighting activities. It is important that the protective clothing to be worn during these types of fire fighting operations reflect the hazards which are expected to be encountered by fire brigade members.

(b) Foot and leg protection. WAC 296-24-58505 permits an option to achieve foot and leg protection.

The section recognizes the interdependence of protective clothing to cover one or more parts of the body. Therefore, an option is given so that fire brigade members may meet the foot and leg requirements by either wearing long fire-resistant coats in combination with fully extended boots, or by wearing shorter fire-resistant coats in combination with protective trousers and protective shoes or shorter boots.

(c) Body protection. WAC 296-24-58513(3) provides an option for fire brigade members to achieve body protection. Fire brigade members may wear a fire-resistant coat in combination with fully extended boots, or they may wear a fire-resistant coat in combination with protective trousers.

Fire-resistant coats and protective trousers meeting all of the requirements contained in NFPA 1971-1975, "Protective Clothing for Structural Fire Fighters," are acceptable as meeting the requirements of this standard.

The lining is required to be permanently attached to the outer shell. However, it is permissible to attach the lining to the outer shell material by stitching in one area such as at the neck. Fastener tape or snap fasteners may be used to secure the rest of the lining to the outer shell to facilitate cleaning. Reference to permanent lining does not refer to a winter liner which is a detachable extra lining used to give added protection to the wearer against the effects of cold weather and wind.

(d) Hand protection. The requirements of subsection (4) of this section on hand protection may be met by protective gloves or a glove system. A glove system consists of a combination of different gloves. The usual components of a glove system consist of a pair of gloves, which provide thermal insulation to the hand, worn in combination with a second pair of gloves which provide protection against flame, cut and puncture.

It is suggested that protective gloves provide dexterity and a sense of feel for objects. Criteria and test methods for dexterity are contained in the NIOSH publications, "The Development of Criteria for Firefighters' Gloves; Vol. I: Glove Requirements," and "Vol. II: Glove Criteria and Test Methods." These NIOSH publications also contain a permissible modified version of Federal Test Method 191, Method 5903, (paragraph (3) of Appendix E) for flame resistance when gloves, rather than glove material, are tested for flame resistance.

(e) Head, eye and face protection. Head protective devices which meet the requirements contained in NFPA No. 1972 are acceptable as meeting the requirements of this standard for head protection.

Head protective devices are required to be provided with ear flaps so that the ear flaps will be available if needed. It is recommended that ear protection always be used while fighting interior structural fires.

Many head protective devices are equipped with face shields to protect the eyes and face. These face shields are permissible as meeting the eye and face protection requirements of this paragraph as long as such face shields meet the requirements of WAC 296-24-078 of the General Safety and Health Standards.

Additionally, full facepieces, helmets or hoods of approved breathing apparatus which meet the requirements of WAC 296-24-081 and 296-24-58515 are also acceptable as meeting the eye and face protection requirements.

It is recommended that a flame resistant protective head covering such as a hood or snood, which will not adversely affect the seal of a respirator facepiece, be worn during interior structural fire fighting operations to protect the sides of the face and hair.

(8) Respiratory protective devices. Respiratory protection is required to be worn by fire brigade members while working inside buildings or confined spaces where toxic products of combustion or an oxygen deficiency is likely to be present; respirators are also to be worn during emergency situations involving toxic substances. When fire brigade

members respond to emergency situations, they may be exposed to unknown contaminants in unknown concentrations. Therefore, it is imperative that fire brigade members wear proper respiratory protective devices during these situations. Additionally, there are many instances where toxic products of combustion are still present during mop-up and overhaul operations. Therefore, fire brigade members should continue to wear respirators during these types of operations.

Self-contained breathing apparatus are not required to be equipped with either buddy-breathing device or a quick disconnect valve. However, these accessories may be very useful and are acceptable as long as such accessories do not cause damage to the apparatus, restrict the air flow of the apparatus, or obstruct the normal operation of the apparatus.

Buddy-breathing devices are useful for emergency situations where a victim or another fire brigade member can share the same air supply with the wearer of the apparatus for emergency escape purposes.

The employer is encouraged to provide fire brigade members with an alternative means of respiratory protection to be used only for emergency escape purposes if the self-contained breathing apparatus becomes inoperative. Such alternative means of respiratory protection may be either a buddy-breathing device or an escape self-contained breathing apparatus (ESCBA). The ESCBA is a short-duration respiratory protective device which is approved for only emergency escape purposes. It is suggested that if ESCBA units are used, that they be of at least five minutes service life.

Quick disconnect valves are devices which start the flow of air by insertion of the hose (which leads to the facepiece) into the regulator of self-contained breathing apparatus, and stop the flow of air by disconnecting the hose from the regulator. These devices are particularly useful for those positive-pressure self-contained breathing apparatus which do not have the capability of being switched from the demand to the positive-pressure mode.

The use of a self-contained breathing apparatus where the apparatus can be switched from a demand to a positive-pressure mode is acceptable as long as the apparatus is in the positive-pressure mode when performing interior structural fire fighting operations. Also acceptable are approved respiratory protective devices which have been converted to the positive-pressure type when such modification is accomplished by trained and experienced persons using kits or parts approved by NIOSH and provided by the manufacturer and by following the manufacturer's instructions.

There are situations which require the use of respirators which have a duration of two hours or more. Presently, there are no approved positive-pressure apparatus with a rated service life of more than two hours. Consequently, negative-pressure self-contained breathing apparatus with a rated service life of more than two hours and which have a minimum protection factor of 5,000 as determined by an acceptable quantitative fit test performed on each individual, will be acceptable for use during situations which require long duration apparatus. Long duration apparatus may be needed in such instances as working in tunnels, subway systems, etc. Such negative-pressure breathing apparatus will continue to be acceptable for a maximum of eighteen months after a positive-pressure apparatus with the same or longer rated service life of more than two hours is certified by NIOSH/MSHA. After this eighteen-month phase-in period, all self-contained breathing apparatus used for these long duration situations will have to be of the positive-pressure type.

Protection factor (sometimes called fit factor) is defined as the ratio of the contaminant concentrations outside of the respirator to the contaminant concentrations inside the facepiece of the respirator.

$$PF = \frac{\text{Concentration outside respirator}}{\text{Concentration inside facepiece}}$$

Protection factors are determined by quantitative fit tests. An acceptable quantitative fit test should include the following elements:

(a) A fire brigade member who is physically and medically capable of wearing respirators, and who is trained in the use of respirators, dons a self-contained breathing apparatus equipped with a device that will monitor the concentration of a contaminant inside the facepiece.

(b) The fire brigade member then performs a qualitative fit test to assure the best face-to-facepiece seal as possible. A qualitative fit test can consist of a negative-pressure test, positive-pressure test, isoamyl acetate vapor (banana oil) test, or an irritant smoke test. For more details on respirator fitting see the NIOSH booklet entitled, "A Guide to Industrial Respiratory Protection," June 1976, and HEW publication No. (NIOSH) 76-189.

(c) The wearer should then perform physical activity which reflects the level of work activity which would be expected during fire fighting activities. The physical activity should include simulated fire-ground work activity or physical exercise such as running-in-place, a step test, etc.

(d) Without readjusting the apparatus, the wearer is placed in a test atmosphere containing a nontoxic contaminant with a known, constant concentration.

The protection factor is then determined by dividing the known concentration of the contaminant in the test atmosphere by the concentration of the contaminant inside the facepiece when the following exercises are performed:

- (i) Normal breathing with head motionless for one minute;
- (ii) Deep breathing with head motionless for thirty seconds;
- (iii) Turning head slowly from side to side while breathing normally, pausing for at least two breaths before changing direction. Continue for at least one minute;
- (iv) Moving head slowly up and down while breathing normally, pausing for at least two breaths before changing direction. Continue for at least two minutes;
- (v) Reading from a prepared text, slowly and clearly, and loudly enough to be heard and understood. Continue for one minute; and
- (vi) Normal breathing with head motionless for at least one minute.

The protection factor which is determined must be at least 5,000. The quantitative fit test should be conducted at least three times. It is acceptable to conduct all three tests on the same day. However, there should be at least one hour between tests to reflect the protection afforded by the apparatus during different times of the day.

The above elements are not meant to be a comprehensive, technical description of a quantitative fit test protocol. However, quantitative fit test procedures which include these elements are acceptable for determining protection factors. Procedures for a quantitative fit test are required to be available for inspection by the director or authorized representative.

Organizations such as Los Alamos Scientific Laboratory, Lawrence Livermore Laboratory, NIOSH, and American National Standards Institute (ANSI) are excellent sources for additional information concerning qualitative and quantitative fit testing.

NEW SECTION

WAC 296-24-592 PORTABLE FIRE EXTINGUISHERS. All sections of this chapter which include WAC 296-24-592 in the section number apply to portable fire extinguishers.

NEW SECTION

WAC 296-24-59201 SCOPE AND APPLICATION. The requirements of this section apply to the placement, use, maintenance, and testing of portable fire extinguishers provided for the use of employees. WAC 296-24-59207 does not apply to extinguishers provided for employee use on the outside of workplace buildings or structures. Where extinguishers are provided but are not intended for employee use and the employer has an emergency action plan and a fire prevention plan which meet the requirements of WAC 296-24-567, then only the requirements of WAC 296-24-59209 and 296-24-59211 apply.

NEW SECTION

WAC 296-24-59203 EXEMPTIONS. (1) Where the employer has established and implemented a written fire safety policy which requires the immediate and total evacuation of employees from the workplace upon the sounding of a fire alarm signal and which includes an emergency action plan and a fire prevention plan which meet the requirements of WAC 296-24-567, and when extinguishers are not available in the workplace, the employer is exempt from all requirements of this section unless a specific standard in chapter 296-24 WAC requires that a portable fire extinguisher be provided.

(2) Where the employer has an emergency action plan meeting the requirements of WAC 296-24-567, which designates certain employees to be the only employees authorized to use the available portable fire extinguishers, and which requires all other employees in the fire area to immediately evacuate the affected work area upon the sounding of the fire alarm, the employer is exempt from the distribution requirements in WAC 296-24-59207.

NEW SECTION

WAC 296-24-59205 GENERAL REQUIREMENTS. (1) The employer shall provide portable fire extinguishers and shall mount, locate and identify them so that they are readily accessible to employees without subjecting the employees to possible injury.

(2) Only approved portable fire extinguishers shall be used to meet the requirements of this section.

(3) The employer shall not provide or make available in the workplace portable fire extinguishers using carbon tetrachloride or chlorobromomethane extinguishing agents.

(4) The employer shall assure that portable fire extinguishers are maintained in a fully charged and operable condition and kept in their designated places at all times except during use.

(5) The employer shall permanently remove from service by January 1, 1982, all soldered or riveted shell self-generating soda acid or self-generating foam or gas cartridge water type portable fire extinguishers which are operated by inverting the extinguisher to rupture the cartridge or to initiate an uncontrollable pressure generating chemical reaction to expel the agent.

NEW SECTION

WAC 296-24-59207 SELECTION AND DISTRIBUTION. (1) Portable fire extinguishers shall be provided for employee use and selected and distributed based on the classes of anticipated workplace fires and on the size and degree of hazard which would affect their use.

(2) The employer shall distribute portable fire extinguishers for use by employees on Class A fires so that the travel distance for employees to any extinguisher is 75 feet (22.9 m) or less.

(3) The employer may use uniformly spaced standpipe systems or hose stations connected to a sprinkler system installed for emergency use by employees instead of Class A portable fire extinguishers, provided that such systems meet the respective requirements of WAC 296-24-602 or 296-24-607, that they provide total coverage of the area to be protected, and that employees are trained at least annually in their use.

(4) The employer shall distribute portable fire extinguishers for use by employees on Class B fires so that the travel distance from the Class B hazard area to any extinguisher is 50 feet (15.2 m) or less.

(5) The employer shall distribute portable fire extinguishers used for Class C hazards on the basis of the appropriate pattern for the existing Class A or Class B hazards.

(6) The employer shall distribute portable fire extinguishers or other containers of Class D extinguishing agent for use by employees so that the travel distance from the combustible metal working area to any extinguishing agent is 75 feet (22.9 m) or less. Portable fire extinguishers for Class D hazards are required in those combustible metal working areas where combustible metal powders, flakes, shavings, or similarly sized products are generated at least once every two weeks.

NEW SECTION

WAC 296-24-59209 INSPECTION, MAINTENANCE AND TESTING. (1) The employer shall be responsible for the inspection, maintenance and testing of all portable fire extinguishers in the workplace.

(2) Portable extinguishers or hose used in lieu thereof under WAC 296-24-59207(3) shall be visually inspected monthly.

(3) The employer shall assure that portable fire extinguishers are subjected to an annual maintenance check. Stored pressure extinguishers do not require an internal examination. The employer shall record the annual maintenance date and retain this record for one year after the last entry or the life of the shell, whichever is less. The record shall be available to the director upon request.

(4) The employer shall assure that stored-pressure dry chemical extinguishers that require a twelve-year hydrostatic test are emptied and subjected to applicable maintenance procedures every six years. Dry chemical extinguishers having nonrefillable disposable containers are exempt from this requirement. When recharging or hydrostatic testing is performed, the six-year requirement begins from that date.

(5) The employer shall assure that alternate equivalent protection is provided when portable fire extinguishers are removed from service for maintenance and recharging.

NEW SECTION

WAC 296-24-59211 HYDROSTATIC TESTING. (1) The employer shall assure that hydrostatic testing is performed by trained persons with suitable testing equipment and facilities.

(2) The employer shall assure that portable extinguishers are hydrostatically tested at the intervals listed in Table I of this section, except under any of the following conditions:

- (a) When the unit has been repaired by soldering, welding, brazing, or use of patching compounds;
- (b) When the cylinder or shell threads are damaged;

TABLE I

Type of Extinguishers	Test Interval (Years)
Soda acid (soldered brass shells) (until January 1, 1982)	(1)
Soda acid (stainless steel shell)	5
Cartridge operated water and/or antifreeze	5
Stored pressure water and/or antifreeze	5
Wetting agent	5
Foam (soldered brass shells) (until January 1, 1982)	(1)
Foam (stainless steel shell)	5
Aqueous film forming form (AFFF)	5
Loaded stream	5
Dry chemical with stainless steel	5
Carbon dioxide	5
Dry chemical, stored pressure, with mild steel, brazed brass or aluminum shells	12
Dry chemical, cartridge or cylinder operated, with mild steel shells	12
Halon 1211	12
Halon 1301	12
Dry powder, cartridge or cylinder operated, with mild steel shell	12

(1) Extinguishers having shells constructed of copper or brass joined by soft solder or rivets shall not be hydrostatically tested and shall be removed from service by January 1, 1982. (Not permitted.)

- (c) When there is corrosion that has caused pitting, including corrosion under removable name plate assemblies;
- (d) When the extinguisher has been burned in a fire; or
- (e) When a calcium chloride extinguishing agent has been used in a stainless steel shell.

(3) In addition to an external visual examination, the employer shall assure that an internal examination of cylinders and shells to be tested is made prior to the hydrostatic tests.

(4) The employer shall assure that portable fire extinguishers are hydrostatically tested whenever they show new evidence of corrosion or mechanical injury, except under the conditions listed in subsection (2)(a) through (e) of this section.

(5) The employer shall assure that hydrostatic tests are performed on extinguisher hose assemblies which are equipped with a shut-off nozzle at the discharge end of the hose. The test interval shall be the same as specified for the extinguisher on which the hose is installed.

(6) The employer shall assure that carbon dioxide hose assemblies with a shut-off nozzle are hydrostatically tested at 1,250 psi (8,620 kPa).

(7) The employer shall assure that dry chemical and dry powder hose assemblies with a shut-off nozzle are hydrostatically tested at 300 psi (2,070 kPa).

(8) Hose assemblies passing a hydrostatic test do not require any type of recording or stamping.

(9) The employer shall assure that hose assemblies for carbon dioxide extinguishers that require a hydrostatic test are tested within a protective cage device.

(10) The employer shall assure that carbon dioxide extinguishers and nitrogen or carbon dioxide cylinders used with wheeled extinguishers are tested every five years at 5/3 of the service pressure as stamped into the cylinder. Nitrogen cylinders which comply with DOT 173.39(e)(15) may be hydrostatically tested every ten years.

(11) The employer shall assure that all stored pressure and Halon 1211 types of extinguishers are hydrostatically tested at the factory test pressure not to exceed two times the service pressure.

(12) The employer shall assure that acceptable self-generating type soda acid and foam extinguishers are tested at 350 psi (2,410 kPa).

(13) Air or gas pressure may not be for hydrostatic testing.

(14) Extinguisher shells, cylinders, or cartridges which fail a hydrostatic pressure test, or which are not fit for testing shall be removed from service and from the workplace.

(15)(a) The equipment for testing compressed gas type cylinders shall be of the water-jacket type. The equipment shall be provided with an expansion indicator which operates with an accuracy within one percent of the total expansion or 0.1 cc of liquid.

(b) The equipment for testing noncompressed gas type cylinders shall consist of the following:

(i) A hydrostatic test pump, hand or power operated, capable of producing not less than one hundred fifty percent of the test pressure, which shall include appropriate check valves and fittings;

(ii) A flexible connection for attachment to fittings to test through the extinguisher nozzle, test bonnet, or hose outlet, as is applicable; and

(iii) A protective cage or barrier for personal protection of the tester, designed to provide visual observation of the extinguisher under test.

(16) The employer shall maintain and provide upon request to the director evidence that the required hydrostatic testing of fire extinguishers has been performed at the time intervals shown in Table I. Such evidence shall include the date of test, the test pressure used, and the person or agency performing the test. Such records shall be kept until the extinguisher is hydrostatically retested at the time interval specified in Table I, or until the extinguisher is taken out of service, whichever is less.

NEW SECTION

WAC 296-24-59213 TRAINING AND EDUCATION. (1) Where the employer has provided portable fire extinguishers for employee use in the workplace, the employer shall also provide an educational program to familiarize employees with the general principles of fire extinguisher use and the hazards involved with incipient stage fire fighting.

(2) The employer shall provide the education required in subsection (1) of this section upon initial employment and at least annually thereafter.

(3) The employer shall provide employees who have been designated to use fire fighting equipment as part of an emergency action plan with training in the use of the appropriate equipment.

(4) The employer shall provide the training required in subsection (3) of this section upon initial assignment to the designated group of employees and at least annually thereafter.

NEW SECTION

WAC 296-24-59215 APPENDIX A—PORTABLE FIRE EXTINGUISHERS. (1) Scope and application. The scope and application of this section is written to apply to three basic types of workplaces. First, there are those workplaces where the employer has chosen to evacuate all employees from the workplace at the time of a fire emergency. Second, there are those workplaces where the employer has chosen to permit certain employees to fight fires and to evacuate all other nonessential employees at the time of a fire emergency. Third, there are those workplaces where the employer has chosen to permit all employees in the workplace to use portable fire extinguishers to fight fires.

The section also addresses two kinds of work areas. The entire workplace can be divided into outside (exterior) work areas and inside (interior) work areas. This division of the workplace into two areas is done in recognition of the different types of hazards employees may be exposed to during fire fighting operations. Fires in interior workplaces, pose a greater hazard to employees; they can produce greater exposure to quantities of smoke, toxic gases, and heat because of the capability of a building or structure to contain or entrap these products of combustion until the building can be ventilated. Exterior work areas, normally open to the environment, are somewhat less hazardous, because the products of combustion are generally carried away by the thermal column of the fire. Employees also have a greater selection of evacuation routes if it is necessary to abandon fire fighting efforts.

In recognition of the degree of hazard present in the two types of work areas, the standards for exterior work areas are somewhat less restrictive in regards to extinguisher distribution. WAC 296-24-59201 explains this by specifying which paragraphs in the section apply.

(2) Portable fire extinguisher exemptions. In recognition of the three options given to employers in regard to the amount of employee evacuation to be carried out, the standards permit certain exemptions based on the number of employees expected to use fire extinguishers.

Where the employer has chosen to totally evacuate the workplace at the time of a fire emergency and when fire extinguishers are not provided, the requirements of this section do not apply to that workplace.

Where the employer has chosen to partially evacuate the workplace or the effected area at the time of a fire emergency and has permitted certain designated employees to remain behind to operate critical plant operations or to fight fires with extinguishers, then the employer is exempt from the distribution requirements of this section. Employees who will be remaining behind to perform incipient fire fighting or members of a fire brigade must be trained in their duties. The training must result in the employees becoming familiar with the locations of fire extinguishers. Therefore, the employer must locate the extinguishers in convenient locations where the employees know they can be found. For example, they could be mounted in the fire truck or cart that the fire brigade uses when it responds to a fire emergency. They can also be distributed as set forth in the National Fire Protection Association's Standard No. 10, "Portable Fire Extinguishers."

Where the employer has decided to permit all employees in the workplace to use fire extinguishers, then the entire WISHA standard applies.

(3) Portable fire extinguisher mounting. Previous standards for mounting fire extinguishers have been criticized for requiring specific mounting locations. In recognition of this criticism, the standard has been rewritten to permit as much flexibility in extinguisher mounting as is acceptable to assure that fire extinguishers are available when needed and that employees are not subjected to injury hazards when they try to obtain an extinguisher.

It is the intent of WISHA to permit the mounting of extinguishers in any location that is accessible to employees without the use of portable devices such as a ladder. This limitation is necessary because portable devices can be moved or taken from the place where they are needed and, therefore, might not be available at the time of an emergency.

Employers are given as much flexibility as possible to assure that employees can obtain extinguishers as fast as possible. For example, an acceptable method of mounting extinguishers in areas where fork lift trucks or tow-motors are used is to mount the units on retractable board which, by means of counterweighting, can be raised above the level where they could be struck by vehicular traffic. When needed, they can be lowered quickly for use. This method of mounting can also reduce vandalism and unauthorized use of extinguishers. The extinguishers may also be mounted as outlined in the National Fire Protection Association's Standard No. 10, "Portable Fire Extinguishers."

(4) Selection and distribution. The employer is responsible for the proper selection and distribution of fire extinguishers and the determination of the necessary degree of protection. The selection and distribution of fire extinguishers must reflect the type and class of fire hazards associated with a particular workplace.

Extinguishers for protecting Class A hazards may be selected from the following types: Water, foam, loaded stream, or multipurpose dry chemical. Extinguishers for protecting Class B hazards may be selected from the following types: Halon 1301, Halon 1211, carbon dioxide, dry chemicals, foam, or loaded stream. Extinguishers for Class C hazards may be selected from the following types: Halon 1301, Halon 1211, carbon dioxide, or dry chemical.

Combustible metal (Class D hazards) fires pose a different type of fire problem in the workplace. Extinguishers using water, gas, or certain dry chemicals cannot extinguish or control this type of fire. Therefore, certain metals have specific dry powder extinguishing agents which can extinguish or control this type of fire. Those agents which have been specifically approved for use on certain metal fires provide the best protection; however, there are also some "universal" type agents which can be used effectively on a variety of combustible metal fires if necessary. The "universal" type agents include: Foundry flux, Lith-X powder, TMB liquid, pyromet powder, TEC powder, dry talc, dry graphite powder, dry sand, dry sodium chloride, dry soda ash, lithium chloride, zirconium silicate, and dry dolomite.

Water is not generally accepted as an effective extinguishing agent for metal fires. When applied to hot burning metal, water will break down into its basic atoms of oxygen and hydrogen. This chemical breakdown contributes to the combustion of the metal. However, water is also a good universal coolant and can be used on some combustible metals, but only under proper conditions and application, to reduce the

temperature of the burning metal below the ignition point. For example, automatic deluge systems in magnesium plants can discharge such large quantities of water on burning magnesium that the fire will be extinguished. The National Fire Protection Association has specific standards for this type of automatic sprinkler system. Further information on the control of metal fires with water can be found in the National Fire Protection Association's Fire Protection Handbook.

An excellent source of selection and distribution criteria is found in the National Fire Protection Association's Standard No. 10. Other sources of information include the National Safety Council and the employer's fire insurance carrier.

(5) Substitution of standpipe systems for portable fire extinguishers. The employer is permitted to substitute acceptable standpipe systems for portable fire extinguishers under certain circumstances. It is necessary to assure that any substitution will provide the same coverage that portable units provide. This means that fire hoses, because of their limited portability, must be spaced throughout the protected area so that they can reach around obstructions such as columns, machinery, etc., and so that they can reach into closets and other enclosed areas.

(6) Inspection, maintenance and testing. The ultimate responsibility for the inspection, maintenance and testing of portable fire extinguishers lies with the employer. The actual inspection, maintenance, and testing may, however, be conducted by outside contractors with whom the employer has arranged to do the work. When contracting for such work, the employer should assure that the contractor is capable of performing the work that is needed to comply with this standard.

If the employer should elect to perform the inspection, maintenance, and testing requirements of this section in-house, then the employer must make sure that those persons doing the work have been trained to do the work and to recognize problem areas which could cause an extinguisher to be inoperable. The National Fire Protection Association provides excellent guidelines in its standard for portable fire extinguishers. The employer may also check with the manufacturer of the unit that has been purchased and obtain guidelines on inspection, maintenance, and testing. Hydrostatic testing is a process that should be left to contractors or individuals using suitable facilities and having the training necessary to perform the work.

Anytime the employer has removed an extinguisher from service to be checked or repaired, alternate equivalent protection must be provided. Alternate equivalent protection could include replacing the extinguisher with one or more units having equivalent or equal ratings, posting a fire watch, restricting the unprotected area from employee exposure, or providing a hose system ready to operate.

(7) Hydrostatic testing. As stated before, the employer may contract for hydrostatic testing. However, if the employer wishes to provide the testing service, certain equipment and facilities must be available. Employees should be made aware of the hazards associated with hydrostatic testing and the importance of using proper guards and water pressures. Severe injury can result if extinguisher shells fail violently under hydrostatic pressure.

Employers are encouraged to use contractors who can perform adequate and reliable service. Firms which have been certified by the Materials Transportation Board (MTB) of the United States Department of Transportation (DOT), or state licensed extinguisher servicing firms, or recognized by the National Association of Fire Equipment Distributors in Chicago, Illinois, are generally acceptable for performing this service.

(8) Training and education. This part of the standard is of the utmost importance to employers and employees if the risk of injury or death due to extinguisher use is to be reduced. If an employer is going to permit an employee to fight a workplace fire of any size, the employer must make sure that the employee knows everything necessary to assure the employee's safety.

Training and education can be obtained through many channels. Often, local fire departments in larger cities have fire prevention bureaus or similar organizations which can provide basic fire prevention training programs. Fire insurance companies will have data and information available. The National Fire Protection Association and the National Safety Council will provide, at a small cost, publications that can be used in a fire prevention program.

Actual fire fighting training can be obtained from various sources in the country. The Texas A and M University, the University of Maryland's Fire and Rescue Institute, West Virginia University's Fire Service Extension, Iowa State University's Fire Service Extension and other state training schools and land grant colleges have fire fighting programs directed to industrial applications. Some manufacturers of extinguishers, such as the Ansul Company and Safety First, conduct

fire schools for customers in the proper use of extinguishers. Several large corporations have taken time to develop their own on-site training programs which expose employees to the actual "feeling" of fire fighting. Simulated fires for training of employees in the proper use of extinguishers are also an acceptable part of a training program.

In meeting the requirements of this section, the employer may also provide educational materials, without classroom instruction, through the use of employee notice campaigns using instruction sheets or flyers or similar types of informal programs. The employer must make sure that employees are trained and educated to recognize not only what type of fire is being fought and how to fight it, but also when it is time to get away from it and leave fire suppression to more experienced fire fighters.

NEW SECTION

WAC 296-24-602 STANDPIPE AND HOSE SYSTEMS. This section establishes design and installation criteria for standpipe systems.

NEW SECTION

WAC 296-24-60201 SCOPE AND APPLICATION. (1) Scope. This section applies to all small hose, Class II and Class III standpipe systems installed to meet the requirements of a particular WISHA standard.

(2) Exception. This section does not apply to Class I standpipe systems.

NEW SECTION

WAC 296-24-60203 PROTECTION OF STANDPIPES. The employer shall assure that standpipes are located or otherwise protected against mechanical damage. Damaged standpipes shall be repaired promptly.

NEW SECTION

WAC 296-24-60205 EQUIPMENT. (1) Reels and cabinets. Where reels or cabinets are provided to contain fire hose, the employer shall assure that they are designed to facilitate prompt use of the hose valves, the hose, and other equipment at the time of a fire or other emergency. The employer shall assure that the reels and cabinets are conspicuously identified and used only for fire equipment.

(2) Hose outlets and connections.

(a) The employer shall assure that hose outlets and connections are located high enough above the floor to avoid being obstructed and to be accessible to employees.

(b) The employer shall standardize screw threads or provide appropriate adapters throughout the system and assure that the hose connections are compatible with those used on the supporting fire equipment.

(3) Hose.

(a) The employer shall assure that every one and one-half inch (3.8 cm) or smaller hose outlet used to meet this standard is equipped with hose connected and ready for use. In extremely cold climates where such installation may result in damaged equipment, the hose may be stored in another location provided it is readily available and can be connected when needed.

(b) Standpipe systems installed after July 1, 1982, for use by employees, shall be equipped with lined hose. Unlined hose may remain in use on existing systems. However, after the effective date of this standard, unlined hose which becomes unserviceable shall be replaced with lined hose.

(c) Beginning July 1, 1982, the employer shall provide hose of such length that friction loss resulting from water flowing through the hose will not decrease the pressure at the nozzle below 30 psi (210 kPa). The dynamic pressure at the nozzle shall be within the range of 30 psi (210 kPa) to 125 psi (860 kPa).

(4) Nozzles. Beginning July 1, 1982, the employer shall assure that standpipe hose is equipped with shut-off type nozzles.

NEW SECTION

WAC 296-24-60207 WATER SUPPLY. The minimum water supply for standpipe and hose systems, which are provided for the use of employees, shall be sufficient to provide 100 gallons per minute (6.3 l/s) for a period of at least thirty minutes.

NEW SECTION

WAC 296-24-60209 TESTS AND MAINTENANCE. (1) Acceptance tests.

(a) The employer shall assure that the piping of Class II and Class III systems installed after July 1, 1982, including yard piping, is hydrostatically tested for a period of at least two hours at not less than 200 psi (1,380 kPa), or at least 50 psi (340 kPa) in excess of normal pressure when such pressure is greater than 150 psi (1,030 kPa).

(b) The employer shall assure that hose on all standpipe systems installed after July 1, 1982, is hydrostatically tested with couplings in place, at a pressure of not less than 200 psi (1,380 kPa), before it is placed in service. This pressure shall be maintained for at least fifteen seconds and not more than one minute during which time the hose shall not leak nor shall any jacket thread break during the test.

(2) Maintenance.

(a) The employer shall assure that water supply tanks are kept filled to the proper level except during repairs. When pressure tanks are used, the employer shall assure that proper pressure is maintained at all times except during repairs.

(b) The employer shall assure that valves in the main piping connections to the automatic sources of water supply are kept fully open at all times except during repair.

(c) The employer shall assure that hose systems are inspected at least annually and after each use to assure that all of the equipment and hose are in place, available for use, and in serviceable condition.

(d) When the system or any portion thereof is found not to be serviceable, the employer shall remove it from service immediately and replace it with equivalent protection such as extinguishers and fire watches.

(e) The employer shall assure that hemp or linen hose on existing systems is unracked, physically inspected for deterioration, and reracked using a different fold pattern at least annually. The employer shall assure that defective hose is replaced in accordance with WAC 296-24-60205(3)(b).

(f) The employer shall designate trained persons to conduct all inspections required under this section.

NEW SECTION

WAC 296-24-60299 APPENDIX A—STANDPIPE AND HOSE SYSTEMS. (1) Scope and application. This section has been written to provide adequate coverage of those standpipe and hose systems that an employer may install in the workplace to meet the requirements of a particular WISHA standard. For example, WISHA permits the substitution of hose systems for portable fire extinguishers in WAC 296-24-592. If an employer chooses to provide hose systems instead of portable Class A fire extinguishers, then those hose systems used for substitution would have to meet the applicable requirements of WAC 296-24-592. All other standpipe and hose systems not used as a substitute would be exempt from these requirements.

The section specifically exempts Class I large hose systems. By large hose systems, WISHA means those two and one-half inch hose lines that are usually associated with fire departments of the size that provide their own water supply through fire apparatus. When the fire gets to the size that outside protection of that degree is necessary, WISHA believes that in most industries employees will have been evacuated from the fire area and the "professional" fire fighters will take control.

(2) Protection of standpipes. Employers must make sure that standpipes are protected so that they can be relied upon during a fire emergency. This means protecting the pipes from mechanical and physical damage. There are various means for protecting the equipment such as, but not limited to, enclosing the supply piping in the construction of the building, locating the standpipe in an area which is inaccessible to vehicles, or locating the standpipe in a stairwell.

(3) Hose covers and cabinets. The employer should keep fire protection hose equipment in cabinets or inside protective covers which will protect it from the weather elements, dirt or other damaging sources. The use of protective covers must be easily removed or opened to assure that hose and nozzle are accessible. When the employer places hose in a cabinet, the employer must make sure that the hose and nozzle are accessible to employees without subjecting them to injury. In order to make sure that the equipment is readily accessible, the employer must also make sure that the cabinets used to store equipment are kept free of obstructions and other equipment which may interfere with the fast distribution of the fire hose stored in the cabinet.

(4) Hose outlets and connections. The employer must assure that employees who use standpipe and hose systems can reach the hose rack

and hose valve without the use of portable equipment such as ladders. Hose reels are encouraged for use because one employee can retrieve the hose, charge it, and place it into service without much difficulty.

(5) Hose. When the employer elects to provide small hose in lieu of portable fire extinguishers, those hose stations being used for the substitution must have hose attached and ready for service. However, if more than the necessary amount of small hose outlets are provided, hose does not have to be attached to those outlets that would provide redundant coverage. Further, where the installation of hose on outlets may expose the hose to extremely cold climates, the employer may store the hose in houses or similar protective areas and connect it to the outlet when needed.

There is approved lined hose available that can be used to replace unlined hose which is stored on racks in cabinets. The lined hose is constructed so that it can be folded and placed in cabinets in the same manner as unlined hose.

Hose is considered to be unserviceable when it deteriorates to the extent that it can no longer carry water at the required pressure and flow rates. Dry rotted linen or hemp hose, cross threaded couplings, and punctured hose are examples of unserviceable hose.

(6) Nozzles. Variable stream nozzles can provide useful variations in water flow and spray patterns during fire fighting operations and they are recommended for employee use. It is recommended that 100 psi nozzle pressure be used to provide good flow patterns for variable stream nozzles. The most desirable attribute for nozzles is the ability of the nozzle person to shut off the water flow at the nozzle when it is necessary. This can be accomplished in many ways. For example, a shut-off nozzle with a lever or rotation of the nozzle to stop flow would be effective, but in other cases a simple globe valve placed between a straight stream nozzle and the hose could serve the same purpose. For straight stream nozzles, 50 psi nozzle pressure is recommended. The intent of the standard is to protect the employee from "run-away" hoses if it becomes necessary to drop a pressurized hose line and retreat from the fire front and other related hazards.

(7) Design and installation. Standpipe and hose systems designed and installed in accordance with NFPA Standard No. 14-1976, "Standpipe and Hose Systems," are considered to be in compliance with this standard.

NEW SECTION

WAC 296-24-607 AUTOMATIC SPRINKLER SYSTEMS.

The design and installation criteria for automatic sprinkler systems is contained in this section.

NEW SECTION

WAC 296-24-60701 SCOPE AND APPLICATION. (1) The requirements of this section apply to all automatic sprinkler systems installed to meet a particular WISHA standard.

(2) For automatic sprinkler systems used to meet WISHA requirements and installed prior to the effective date of this standard, compliance with the National Fire Protection Association (NFPA) or the National Board of Fire Underwriters (NBFU) standard in effect at the time of the system's installation will be acceptable as compliance with this section.

NEW SECTION

WAC 296-24-60703 EXEMPTIONS. Automatic sprinkler systems installed in workplaces, but not required by WISHA are exempt from the requirements of this section.

NEW SECTION

WAC 296-24-60705 GENERAL REQUIREMENTS. (1) Design.

(a) All automatic sprinkler designs used to comply with this standard shall provide the necessary discharge patterns, densities, and water flow characteristics for complete coverage in a particular workplace or zoned subdivision of the workplace.

(b) The employer shall assure that only approved equipment and devices are used in the design and installation of automatic sprinkler systems used to comply with this standard.

(2) Maintenance. The employer shall properly maintain an automatic sprinkler system installed to comply with this section. The employer shall assure that a main drain flow test is performed on each

system annually. The inspector's test valve shall be opened at least every two years to assure that the sprinkler system operates properly.

(3) Acceptance tests. The employer shall conduct proper acceptance tests on sprinkler systems installed for employee protection after July 1, 1982, and record the dates of such tests. Proper acceptance tests include the following:

- (a) Flushing of underground connections;
- (b) Hydrostatic tests of piping in system;
- (c) Air tests in dry-pipe systems;
- (d) Dry-pipe valve operation; and
- (e) Test of drainage facilities.

(4) Water supplies. The employer shall assure that every automatic sprinkler system is provided with at least one automatic water supply capable of providing design water flow for at least thirty minutes. An auxiliary water supply or equivalent protection shall be provided when the automatic water supply is out of service, except for systems of twenty or fewer sprinklers.

(5) Hose connections for fire fighting use. The employer may attach hose connections for fire fighting use to wet pipe sprinkler systems provided that the water supply satisfies the combined design demand for sprinklers and standpipes.

(6) Protection of piping. The employer shall assure that automatic sprinkler system piping is protected against freezing and exterior surface corruptions.

(7) Drainage. The employer shall assure that all dry sprinkler pipes and fittings are installed so that the systems may be totally drained.

(8) Sprinklers.

(a) The employer shall assure that only approved sprinklers are used on systems.

(b) The employer may not use older style sprinklers to replace standard sprinklers without a complete engineering review of the altered part of the system.

(c) The employer shall assure that sprinklers are protected from mechanical damage.

(9) Sprinkler alarms. On all sprinkler systems having more than twenty sprinklers, the employer shall assure that a local water-flow alarm is provided which sounds an audible signal on the premises upon water flow through the system equal to the flow from a single sprinkler.

(10) Sprinkler spacing. The employer shall assure that sprinklers are spaced to provide a maximum protection area per sprinkler, a minimum of interference to the discharge pattern by building or structural members or building contents and suitable sensitivity to possible fire hazards. The minimum vertical clearance between sprinklers and material below shall be eighteen inches.

(11) Hydraulically designed systems. The employer shall assure that hydraulically designed automatic sprinkler systems or portions thereof are identified and that the location, number of sprinklers in the hydraulically designed section, and the basis of the design is indicated. Central records may be used in lieu of signs at sprinkler valves provided the records are available for inspection and copying by the director.

NEW SECTION

WAC 296-24-60799 APPENDIX A—AUTOMATIC SPRINKLER SYSTEMS. (1) Scope and application. This section contains the minimum requirements for design, installation and maintenance of sprinkler systems that are needed for employee safety. The Occupational Safety and Health Administration is aware of the fact that the National Board of Fire Underwriters is no longer an active organization, however, sprinkler systems still exist that were designed and installed in accordance with that organization's standards. Therefore, WISHA will recognize sprinkler systems designed to, and maintained in accordance with, NBFU and earlier NFPA standards.

(2) Exemptions. In an effort to assure that employers will continue to use automatic sprinkler systems as the primary fire protection system in workplaces, WISHA is exempting from coverage those systems not required by a particular WISHA standard and which have been installed in workplaces solely for the purpose of protecting property. Many of these types of systems are installed in areas or buildings with little or no employee exposure. An example is those warehouses where employees may enter occasionally to take inventory or move stock. Some employers may choose to shut down those systems which are not specifically required by WISHA rather than upgrade them to comply with the standards. WISHA does not intend to regulate such systems. WISHA only intends to regulate those systems which are installed to comply with a particular WISHA standard.

(3) Design. There are two basic types of sprinkler system design. Pipe schedule designed systems are based on pipe schedule tables developed to protect hazards with standard sized pipe, number of sprinklers, and pipe lengths. Hydraulic designed systems are based on an engineered design of pipe size which will produce a given water density or flow rate at any particular point in the system. Either design can be used to comply with this standard.

The National Fire Protection Association's Standard No. 13, "Automatic Sprinkler Systems," contains the tables needed to design and install either type of system. Minimum water supplies, densities, and pipe sizes are given for all types of occupancies.

The employer may check with a reputable fire protection engineering consultant or sprinkler design company when evaluating existing systems or designing a new installation.

With the advent of new construction materials for the manufacture of sprinkler pipe, materials, other than steel, have been approved for use as sprinkler pipe. Selection of pipe material should be made on the basis of the type of installation and the acceptability of the material to local fire and building officials where such systems may serve more than one purpose.

Before new sprinkler systems are placed into service, an acceptance test is to be conducted. The employer should invite the installer, designer, insurance representative, and a local fire official to witness the test. Problems found during the test are to be corrected before the system is placed into service.

(4) Maintenance. It is important that any sprinkler system maintenance be done only when there is minimal employee exposure to the fire hazard. For example, if repairs or changes to the system are to be made, they should be made during those hours when employees are not working or are not occupying that portion of the workplace protected by the portion of the system which has been shut down.

The procedures for performing a flow test via a main drain test or by the use of an inspector's test valve can be obtained from the employer's fire insurance company or from the National Fire Protection Association's Standard No. 13A, "Sprinkler System, Maintenance."

(5) Water supplies. The water supply to a sprinkler system is one of the most important factors an employer should consider when evaluating a system. Obviously, if there is no water supply, the system is useless. Water supplies can be lost for various reasons such as improperly closed valves, excessive demand, broken water mains, and broken fire pumps. The employer must be able to determine if or when this type of condition exists either by performing a main drain test or visual inspection. Another problem may be an inadequate water supply. For example, a light hazard occupancy may, through rehabilitation or change in tenants, become an ordinary or high hazard occupancy. In such cases, the exiting water supply may not be able to provide the pressure or duration necessary for proper protection. Employers must assure that proper design and tests have been made to assure an adequate water supply. These tests can be arranged through the employer's fire insurance carrier or through a local sprinkler maintenance company or through the local fire prevention organization.

Anytime the employer must shut down the primary water supply for a sprinkler system, the standard requires that equivalent protection be provided. Equivalent protection may include a fire watch with extinguishers or hose lines in place and manned, or a secondary water supply such as a tank truck and pump, or a tank or fire pond with fire pumps, to protect the areas where the primary water supply is limited or shut down. The employer may also require evacuation of the workplace and have an emergency action plan which specifies such action.

(6) Protection of piping. Piping which is exposed to corrosive atmospheres, either chemical or natural, can become defective to the extent that it is useless. Employers must assure that piping is protected from corrosion by its material of construction, e.g., stainless steel, or by a protective coating, e.g., paint.

(7) Sprinklers. When an employer finds it necessary to replace sprinkler system components or otherwise change a sprinkler's design, employer should make a complete fire protection engineering survey of that part of the system being changed. This review should assure that the changes to the system will not alter the effectiveness of the system as it is presently designed. Water supplies, densities and flow characteristics should be maintained.

(8) Protection of sprinklers. All components of the system must be protected from mechanical impact damage. This can be achieved with the use of mechanical guards or screens or by locating components in areas where physical contact is impossible or limited.

(9) Sprinkler alarms. The most recognized sprinkler alarm is the water-motor gong or bell that sounds when water begins to flow

through the system. This is not however, the only type of acceptable water flow alarm. Any alarm that gives an indication that water is flowing through the system is acceptable. For example, a siren, a whistle, a flashing light, or similar alerting device which can transmit a signal to the necessary persons would be acceptable. The purpose of the alarm is to alert persons that the system is operating, and that some type of planned action is necessary.

(10) Sprinkler spacing. For a sprinkler system to be effective there must be an adequate discharge of water spray from the sprinkler head. Any obstructions which hinder the designed density or spray pattern of the water may create unprotected areas which can cause fire to spread. There are some sprinklers that, because of the system's design, are deflected to specific areas. This type of obstruction is acceptable if the system's design takes it into consideration in providing adequate coverage.

NEW SECTION

WAC 296-24-617 **FIXED EXTINGUISHING SYSTEMS, GENERAL.** This section applies to criteria required for fixed extinguisher systems and all sections of this chapter having number WAC 296-24-617 in the section number shall apply.

NEW SECTION

WAC 296-24-61701 **SCOPE AND APPLICATION.** (1) This section applies to all fixed extinguishing systems installed to meet a particular WISHA standard except for automatic sprinkler systems which are covered by WAC 296-24-607.

(2) This section also applies to fixed systems not installed to meet a particular WISHA standard, but which, by means of their operation, may expose employees to possible injury, death, or adverse health consequences caused by the extinguishing agent. Such systems are only subject to the requirements of WAC 296-24-61703(4) through (7) and 296-24-61705.

(3) Systems otherwise covered in subsection (2) of this section which are installed in areas with no employee exposure are exempted from the requirements of this section.

NEW SECTION

WAC 296-24-61703 **GENERAL REQUIREMENTS.** (1) Fixed extinguishing system components and agents shall be designed and approved for use on the specific fire hazards they are expected to control or extinguish.

(2) If for any reason a fixed extinguishing system becomes inoperable, the employer shall notify employees and take the necessary temporary precautions to assure their safety until the system is restored to operating order. Any defects or impairments shall be properly corrected by trained personnel.

(3) The employer shall provide a distinctive alarm or signaling system which complies with WAC 296-24-631, and is capable of being perceived above ambient noise or light levels, on all extinguishing systems in those portions of the workplace covered by the extinguishing system to indicate when the extinguishing system is discharging. Discharge alarms are not required on systems where discharge is immediately recognizable.

(4) The employer shall provide effective safeguards to warn employees against entry into discharge areas where the atmosphere remains hazardous to employee safety or health.

(5) The employer shall post hazard warning or caution signs at the entrance to, and inside of, areas protected by fixed extinguishing systems which use agents in concentrations known to be hazardous to employee safety and health.

(6) The employer shall assure that fixed systems are inspected annually by a person knowledgeable in the design and function of the system to assure that the system is maintained in good operating condition.

(7) The employer shall assure that the weight and pressure of refillable containers is checked at least semiannually. If the container shows a loss in net content or weight of more than five percent, or a loss in pressure of more than ten percent, it shall be subjected to maintenance.

(8) The employer shall assure that factory charged nonrefillable containers which have no means of pressure indication are weighed at least semiannually. If a container shows a loss in net weight of more than five percent it shall be replaced.

(9) The employer shall assure that inspection and maintenance dates are recorded on the container, on a tag attached to the container, or in a central location. A record of the last semiannual check shall be maintained until the container is checked again or for the life of the container, whichever is less.

(10) The employer shall train employees designated to inspect, maintain, operate, or repair fixed extinguishing systems and annually review their training to keep them up-to-date in the functions they are to perform.

(11) The employer shall not use chlorobromomethane or carbon tetrachloride as an extinguishing agent where employees may be exposed.

(12) The employer shall assure that systems installed in the presence of corrosive atmospheres are constructed of noncorrosive material or otherwise protected against corrosion.

(13) Automatic detection equipment shall be approved, installed and maintained in accordance with WAC 296-24-629.

(14) The employer shall assure that all systems designed for and installed in areas with climatic extremes shall operate effectively at the expected extreme temperatures.

(15) The employer shall assure that at least one manual station is provided for discharge activation of each fixed extinguishing system.

(16) The employer shall assure that manual operating devices are identified as to the hazard against which they will provide protection.

(17) The employer shall provide and assure the use of the personal protective equipment needed for immediate rescue of employees trapped in hazardous atmospheres created by an agent discharge.

NEW SECTION

WAC 296-24-61705 TOTAL FLOODING SYSTEMS WITH POTENTIAL HEALTH AND SAFETY HAZARDS TO EMPLOYEES. (1) The employer shall provide an emergency action plan in accordance with WAC 296-24-567 for each area within a workplace that is protected by a total flooding system which provides agent concentrations exceeding the maximum safe levels.

(2) Systems installed in areas where employees cannot enter during or after the system's operation are exempt from the requirements of this section.

(3) On all total flooding systems the employer shall provide a pre-discharge employee alarm which complies with WAC 296-24-631, and is capable of being perceived above ambient light or noise levels before the system discharges, which will give employees time to safely exit from the discharge area prior to system discharge.

(4) The employer shall provide automatic actuation of total flooding systems by means of an approved fire detection device installed and interconnected with a pre-discharge employee alarm system to give employees time to safely exit from the discharge area prior to system discharge.

NEW SECTION

WAC 296-24-61799 APPENDIX A—FIXED EXTINGUISHING SYSTEMS, GENERAL. (1) Scope and application. This section contains the general requirements that are applicable to all fixed extinguishing systems installed to meet WISHA standards. It also applies to those fixed extinguishing systems, generally total flooding, which are not required by WISHA, but which, because of the agent's discharge, may expose employees to hazardous concentrations of extinguishing agents or combustion byproducts. Employees who work around fixed extinguishing systems must be warned of the possible hazards associated with the system and its agent. For example, fixed dry chemical extinguishing systems may generate a large enough cloud of dry chemical particles that employees may become visually disoriented. Certain gaseous agents can expose employees to hazardous byproducts of combustion when the agent comes into contact with hot metal or other hot surface. Some gaseous agents may be present in hazardous concentrations when the system has totally discharged because an extra rich concentration is necessary to extinguish deep-seated fires. Certain local application systems may be designed to discharge onto the flaming surface of a liquid, and it is possible that the liquid can splatter when hit with the discharging agent. All of these hazards must be determined before the system is placed into operation, and must be discussed with employees.

Based on the known toxicological effects of agents such as carbon tetrachloride and chlorobromomethane, WISHA is not permitting the use of these agents in areas where employees can be exposed to the

agent or its side effects. However, chlorobromomethane has been accepted and may be used as an explosion suppression agent in unoccupied spaces. WISHA is permitting the use of this agent only in areas where employees will not be exposed.

(2) Distinctive alarm signals. A distinctive alarm signal is required to indicate that a fixed system is discharging. Such a signal is necessary on those systems where it is not immediately apparent that the system is discharging. For example, certain gaseous agents make a loud noise when they discharge. In this case, no alarm signal is necessary. However, where systems are located in remote locations or away from the general work area and where it is possible that a system could discharge without anyone knowing that it is doing so, then a distinctive alarm is necessary to warn employees of the hazards that may exist. The alarm can be a bell, gong, whistle, horn, flashing light, or any combination of signals as long as it is identifiable as a discharge alarm.

(3) Maintenance. The employer is responsible for the maintenance of all fixed systems, but this responsibility does not preclude the use of outside contractors to do such work. New systems should be subjected to an acceptance test before placed in service. The employer should invite the installer, designer, insurance representative and others to witness the test. Problems found during the test need to be corrected before the system is considered operational.

(4) Manual discharge stations. There are instances, such as for mechanical reasons and others, where the standards call for a manual backup activation device. While the location of this device is not specified in the standard, the employer should assume that the device should be located where employees can easily reach it. It could, for example, be located along the main means of egress from the protected area so that employees could activate the system as they evacuate the work area.

(5) Personal protective equipment. The employer is required to provide the necessary personal protective equipment to rescue employees who may be trapped in a totally flooded environment which may be hazardous to their health. The equipment would normally include a positive-pressure self-contained breathing apparatus and any necessary first aid equipment. In cases where the employer can assure the prompt arrival of the local fire department or plant emergency personnel which can provide the equipment, this can be considered as complying with the standards.

NEW SECTION

WAC 296-24-6222 FIXED EXTINGUISHING SYSTEMS, DRY CHEMICAL. The design and installation requirements specifically applicable to fixed extinguishing systems, using dry chemical as the extinguishing agent, are contained in this section.

NEW SECTION

WAC 296-24-62201 SCOPE AND APPLICATION. This section applies to all fixed extinguishing systems using dry chemical as the extinguishing agent, installed to meet a particular WISHA standard. These systems shall also comply with WAC 296-24-617.

NEW SECTION

WAC 296-24-62203 SPECIFIC REQUIREMENTS. (1) The employer shall assure that dry chemical agents are compatible with any foams or wetting agents with which they are used.

(2) The employer may not mix together dry chemical extinguishing agents of different compositions. The employer shall assure that dry chemical systems are refilled with the chemical stated on the approval nameplate or an equivalent compatible material.

(3) When dry chemical discharge may obscure vision, the employer shall provide a pre-discharge employee alarm which complies with WAC 296-24-631, and which will give employees time to safely exit from the discharge area prior to system discharge.

(4) The employer shall sample the dry chemical supply of all but stored pressure systems at least annually to assure that the dry chemical supply is free of moisture which may cause the supply to cake or form lumps.

(5) The employer shall assure that the rate of application of dry chemicals is such that the designed concentration of the system will be reached within thirty seconds of initial discharge.

NEW SECTION

WAC 296-24-62299 APPENDIX A—FIXED EXTINGUISHING SYSTEMS, DRY CHEMICAL. (1) Scope and application. The

requirements of this section apply only to dry chemical systems. These requirements are to be used in conjunction with the requirements of WAC 296-24-617.

(2) Maintenance. The employer is responsible for assuring that dry chemical systems will operate effectively. To do this, periodic maintenance is necessary. One test that must be conducted during the maintenance check is one which will determine if the agent has remained free of moisture. If an agent absorbs any moisture, it may tend to cake and thereby clog the system. An easy test for acceptable moisture content is to take a lump of dry chemical from the container and drop it from a height of four inches. If the lump crumbles into fine particles, the agent is acceptable.

NEW SECTION

WAC 296-24-623 FIXED EXTINGUISHING SYSTEMS, GASEOUS AGENT. This section contains the design and installation requirements for fixed extinguishing systems using gaseous agents.

NEW SECTION

WAC 296-24-62301 SCOPE AND APPLICATION. (1) Scope. This section applies to all fixed extinguishing systems, using a gas as the extinguishing agent, installed to meet a particular WISHA standard. These systems shall also comply with WAC 296-24-617. In some cases, the gas may be in a liquid state during storage.

(2) Application. The requirements of WAC 296-24-61703(2) and (4) through (7) shall apply only to total flooding systems.

NEW SECTION

WAC 296-24-62303 SPECIFIC REQUIREMENTS. (1) Agents used for initial supply and replenishment shall be of the type approved for the system's application. Carbon dioxide obtained by dry ice conversion to liquid is not acceptable unless it is processed to remove excess water and oil.

(2) Except during overhaul, the employer shall assure that the designed concentration of gaseous agents is maintained until the fire has been extinguished or is under control.

(3) The employer shall assure that employees are not exposed to toxic levels of gaseous agent or its decomposition products.

(4) The employer shall assure that the designed extinguishing concentration is reached within thirty seconds of initial discharge except for Halon systems which must achieve design concentration within ten seconds.

(5) The employer shall provide a distinctive predischARGE employee alarm capable of being perceived above ambient light or noise levels when agent design concentrations exceed the maximum safe level for employee exposure. A predischARGE employee alarm for alerting employees before system discharge shall be provided on Halon 1211 and carbon dioxide systems with a design concentration of four percent or greater, and for Halon 1301 systems with a design concentration of ten percent or greater. The predischARGE employee alarm shall provide employees time to safely exit the discharge area prior to system discharge.

(6)(a) Where egress from an area cannot be accomplished within one minute, the employer shall not use Halon 1301 in concentrations greater than seven percent.

(b) Where egress takes greater than thirty seconds but less than one minute, the employer shall not use Halon 1301 in a concentration greater than ten percent.

(c) Halon 1301 concentrations greater than ten percent are only permitted in areas not normally occupied by employees provided that any employee in the area can escape within thirty seconds. The employer shall assure that no unprotected employees enter the area during agent discharge.

NEW SECTION

WAC 296-24-62399 APPENDIX A—FIXED EXTINGUISHING SYSTEMS, GASEOUS AGENT. (1) Scope and application. This section applies only to those systems which use gaseous agents. The requirements of WAC 296-24-617 also apply to the gaseous agent systems covered in this section.

(2) Design concentrations. Total flooding gaseous systems are based on the volume of gas which must be discharged in order to produce a certain designed concentration of gas in an enclosed area. The concentration needed to extinguish a fire depends on several factors including the type of fire hazard and the amount of gas expected to leak away

from the area during discharge. At times it is necessary to "super-saturate" a work area to provide for expected leakage from the enclosed area. In such cases, employers must assure that the flooded area has been ventilated before employees are permitted to reenter the work area without protective clothing and respirators.

(3) Toxic decomposition. Certain halogenated hydrocarbons will break down or decompose when they are combined with high temperatures found in the fire environment. The products of the decomposition can include toxic elements or compounds. For example, when Halon 1211 is placed into contact with hot metal it will break down and form bromide or fluoride fumes. The employer must find out which toxic products may result from decomposition of a particular agent from the manufacturer, and take the necessary precautions to prevent employee exposure to the hazard.

NEW SECTION

WAC 296-24-627 FIXED EXTINGUISHING SYSTEMS, WATER SPRAY AND FOAM. This section contains the design and installation requirements for extinguishing systems using water or foam solution as the extinguishing agent.

NEW SECTION

WAC 296-24-62701 SCOPE AND APPLICATION. This section applies to all fixed extinguishing systems, using water or foam solution as the extinguishing agent, installed to meet a particular WISHA standard. These systems shall also comply with WAC 296-24-617. This section does not apply to automatic sprinkler systems which are covered under WAC 296-24-607.

NEW SECTION

WAC 296-24-62703 SPECIFIC REQUIREMENTS. (1) The employer shall assure that foam and water spray systems are designed to be effective in at least controlling fire in the protected area or on protected equipment.

(2) The employer shall assure that drainage of water spray systems is directed away from areas where employees are working and that no emergency egress is permitted through the drainage path.

NEW SECTION

WAC 296-24-62799 APPENDIX A—FIXED EXTINGUISHING SYSTEMS, WATER SPRAY AND FOAM. (1) Scope and application. This section applies to those systems that use water spray or foam. The requirements of WAC 296-24-617 also apply to this type of system.

(2) Characteristics of foams. When selecting the type of foam for a specific hazard, the employer should consider the following limitations of some foams.

(a) Some foams are not acceptable for use on fires involving flammable gases and liquefied gases with boiling points below ambient workplace temperatures. Other foams are not effective when used on fires involving polar solvent liquids.

(b) Any agent using water as part of the mixture should not be used on fire involving combustible metals unless it is applied under proper conditions to reduce the temperature of burning metal below the ignition temperature. The employer should use only those foams that have been tested and accepted for this application by a recognized independent testing laboratory.

(c) Certain types of foams may be incompatible and break down when they are mixed together.

(d) For fires involving water miscible solvents, employers should use only those foams tested and approved for such use. Regular protein foams may not be effective on such solvents.

Whenever employers provide a foam or water spray system, drainage facilities must be provided to carry contaminated water or foam overflow away from the employee work area and egress routes. This drainage system should drain to a central impounding area where it can be collected and disposed of properly. Other government agencies may have regulations concerning environmental considerations.

NEW SECTION

WAC 296-24-629 FIRE DETECTION SYSTEMS. The requirements for installation, restoration, maintenance, testing and protection of fire detection systems and the criteria for response time can be found in this section.

NEW SECTION

WAC 296-24-62901 SCOPE AND APPLICATION. This section applies to all automatic fire detection systems installed to meet the requirements of a particular WISHA standard.

NEW SECTION

WAC 296-24-62903 INSTALLATION AND RESTORATION.

(1) The employer shall assure that all devices and equipment constructed and installed to comply with this standard are approved for the purpose for which they are intended.

(2) The employer shall restore all fire detection systems and components to normal operating condition as promptly as possible after each test or alarm. Spare detection devices and components which are normally destroyed in the process of detecting fires shall be available on the premises or from a local supplier in sufficient quantities and locations for prompt restoration of the system.

NEW SECTION

WAC 296-24-62905 MAINTENANCE AND TESTING. (1)

The employer shall maintain all systems in an operable condition except during repairs or maintenance.

(2) The employer shall assure that fire detectors and fire detection systems are tested and adjusted as often as needed to maintain proper reliability and operating condition except that factory calibrated detectors need not be adjusted after installation.

(3) The employer shall assure that pneumatic and hydraulic operated detection systems installed after July 1, 1982, are equipped with supervised systems.

(4) The employer shall assure that the servicing, maintenance and testing of fire detection systems, including cleaning and necessary sensitivity adjustments are performed by a trained person knowledgeable in the operations and functions of the system.

(5) The employer shall also assure that fire detectors that need to be cleaned of dirt, dust, or other particulates in order to be fully operational are cleaned at regular periodic intervals.

NEW SECTION

WAC 296-24-62907 PROTECTION OF FIRE DETECTORS.

(1) The employer shall assure that fire detection equipment installed outdoors or in the presence of corrosive atmospheres be protected from corrosion. The employer shall provide a canopy, hood, or other suitable protection for detection equipment requiring protection from the weather.

(2) The employer shall locate or otherwise protect detection equipment so that it is protected from mechanical or physical impact which might render it inoperable.

(3) The employer shall assure that detectors are supported independently of their attachment to wires or tubing.

NEW SECTION

WAC 296-24-62909 RESPONSE TIME. (1) The employer shall

assure that fire detection systems installed for the purpose of actuating fire extinguishment or suppression systems shall be designed to operate in time to control or extinguish a fire.

(2) The employer shall assure that fire detection systems installed for the purpose of employee alarm and evacuation be designed and installed to provide a warning for emergency action and safe escape of employees.

(3) The employer shall not delay alarms or devices initiated by fire detector actuation for more than thirty seconds unless such delay is necessary for the immediate safety of employees. When such delay is necessary, it shall be addressed in an emergency action plan meeting the requirements of WAC 296-24-567.

NEW SECTION

WAC 296-24-62911 NUMBER, LOCATION AND SPACING OF DETECTING DEVICES. The employer shall assure that the number, spacing and location of fire detectors is based upon design data obtained from field experience, or tests, engineering surveys, the manufacturer's recommendations, or a recognized testing laboratory listing.

NEW SECTION

WAC 296-24-62999 APPENDIX A—FIRE DETECTION

SYSTEMS. (1) Installation and restoration. Fire detection systems must be designed by knowledgeable engineers or other professionals, with expertise in fire detection systems and when the systems are installed, there should be an acceptance test performed on the system to insure it operates properly. The manufacturer's recommendations for system design should be consulted. While entire systems may not be approved, each component used in the system is required to be approved. Custom fire detection systems should be designed by knowledgeable fire protection or electrical engineers who are familiar with the workplace hazards and conditions. Some systems may only have one or two individual detectors for a small workplace, but good design and installation is still important. An acceptance test should be performed on all systems, including these smaller systems.

WISHA has a requirement that spare components used to replace those which may be destroyed during an alarm situation be available in sufficient quantities and locations for prompt restoration of the system. This does not mean that the parts or components have to be stored at the workplace. If the employer can assure that the supply of parts is available in the local community or the general metropolitan area of the workplace, then the requirements for storage and availability have been met. The intent is to make sure that the alarm system is fully operational when employees are occupying the workplace, and that when the system operates it can be returned to full service the next day or sooner.

(2) Supervision. Fire detection systems should be supervised. The object of supervision is detection of any failure of the circuitry, and the employer should use any method that will assure that the system's circuits are operational. Electrically operated sensors for air pressure, fluid pressure, or electrical circuits, can provide effective monitoring and are the typical types of supervision.

(3) Protection of fire detectors. Fire detectors must be protected from corrosion either by protective coating, by being manufactured from noncorrosive materials or by location. Detectors must also be protected from mechanical impact damage, either by suitable cages or metal guards where such hazards are present, or by locating them above or out of contact with materials or equipment which may cause damage.

(4) Number, location, and spacing of detectors. This information can be obtained from the approval listing for detectors or NFPA standards. It can also be obtained from fire protection engineers or consultants or manufacturers of equipment who have access to approval listing and design methods.

NEW SECTION

WAC 296-24-631 EMPLOYEE ALARM SYSTEMS. This section contains requirements for the design, installation, restoration and manual actuation of all types of emergency employee alarm systems.

NEW SECTION

WAC 296-24-63101 SCOPE AND APPLICATION. (1) This section applies to all emergency employee alarms installed to meet a particular WISHA standard. This section does not apply to those discharge or supervisory alarms required on various fixed extinguishing systems or to supervisory alarms on fire suppression, alarm or detection systems unless they are intended to be employee alarm systems.

(2) The requirements in this section that pertain to maintenance, testing and inspection shall apply to all local fire alarm signaling systems used for alerting employees regardless of the other functions of the system.

(3) All predischarge employee alarms installed to meet a particular WISHA standard shall meet the requirements of WAC 296-24-63103(1) through (4) and 296-24-63107(1).

NEW SECTION

WAC 296-24-63103 GENERAL REQUIREMENTS. (1) The employee alarm system shall provide warning for necessary emergency action as called for in the emergency action plan, or for reaction time for safe escape of employees from the workplace or the immediate work area, or both.

(2) The employee alarm shall be capable of being perceived above ambient noise or light levels by all employees in the affected portions of the workplace. Tactile devices may be used to alert those employees

who would not otherwise be able to recognize the audible or visual alarm.

(3) The employee alarm shall be distinctive and recognizable as a signal to evacuate the work area or to perform actions designated under the emergency action plan.

(4) The employer shall explain to each employee the preferred means of reporting emergencies, such as manual pull box alarms, public address systems, radio or telephones. The employer shall post emergency telephone numbers near telephones, or employee notice boards, and other conspicuous locations when telephones serve as a means of reporting emergencies. Where a communication system also serves as the employee alarm system, all emergency messages shall have priority over all nonemergency messages.

(5) The employer shall establish procedures for sounding emergency alarms in the workplace. For those employers with ten or fewer employees in a particular workplace, direct voice communication is an acceptable procedure for sounding the alarm provided all employees can hear the alarm. Such workplaces need not have a back-up system.

NEW SECTION

WAC 296-24-63105 INSTALLATION AND RESTORATION.

(1) The employer shall assure that all devices, components, combinations of devices or systems constructed and installed to comply with this standard are approved. Steam whistles, air horns, strobe lights or similar lighting devices, or tactile devices meeting the requirements of this section are considered to meet this requirement for approval.

(2) The employer shall assure that all employee alarm systems are restored to normal operating condition as promptly as possible after each test or alarm. Spare alarm devices and components subject to wear or destruction shall be available in sufficient quantities and locations for prompt restoration of the system.

NEW SECTION

WAC 296-24-63107 MAINTENANCE AND TESTING. (1)

The employer shall assure that all employee alarm systems are maintained in operating condition except when undergoing repairs or maintenance.

(2) The employer shall assure that a test of the reliability and adequacy of nonsupervised employee alarm systems is made every two months. A different actuation device shall be used in each test of a multi-actuation device system so that no individual device is used for two consecutive tests.

(3) The employer shall maintain or replace power supplies as often as is necessary to assure a fully operational condition. Back-up means of alarm, such as employee runners or telephones, shall be provided when systems are out of service.

(4) The employer shall assure that employee alarm circuitry installed after July 1, 1982, which is capable of being supervised is supervised and that it will provide positive notification to assigned personnel whenever a deficiency exists in the system. The employer shall assure that all supervised employee alarm systems are tested at least annually for reliability and adequacy.

(5) The employer shall assure that the servicing, maintenance and testing of employee alarms are done by persons trained in the designed operation and functions necessary for reliable and safe operation of the system.

NEW SECTION

WAC 296-24-63109 MANUAL OPERATION.

The employer shall assure that manually operated actuation devices for use in conjunction with employee alarms are unobstructed, conspicuous and readily accessible.

NEW SECTION

WAC 296-24-63199 APPENDIX A—EMPLOYEE ALARM SYSTEMS. (1) Scope and application.

This section is intended to apply to employee alarm systems used for all types of employee emergencies except those which occur so quickly and at such a rapid rate (e.g., explosions) that any action by the employee is extremely limited following detection.

In small workplaces with ten or less employees the alarm system can be by direct voice communication (shouting) where any one individual can quickly alert all other employees. Radio may be used to transmit alarms from remote workplaces where telephone service is not available, provided that radio messages will be monitored by emergency

services, such as fire, police or others, to insure alarms are transmitted and received.

(2) Alarm signal alternatives. In recognition of physically impaired individuals, WISHA is accepting various methods of giving alarm signals. For example, visual, tactile or audible alarm signals are acceptable methods for giving alarms to employees. Flashing lights or vibrating devices can be used in areas where the employer has hired employees with hearing or vision impairments. Vibrating devices, air fans, or other tactile devices can be used where visually and hearing impaired employees work. Employers are cautioned that certain frequencies of flashing lights have been claimed to initiate epileptic seizures in some employees and that this fact should be considered when selecting an alarm device. Two-way radio communications would be most appropriate for transmitting emergency alarms in such workplaces which may be remote or where telephones may not be available.

(3) Reporting alarms. Employee alarms may require different means of reporting, depending on the workplace involved. For example, in small workplaces, a simple shout throughout the workplace may be sufficient to warn employees of a fire or other emergency. In larger workplaces, more sophisticated equipment is necessary so that entire plants or high-rise buildings are not evacuated for one small emergency. In remote areas, such as pumping plants, radio communication with a central base station may be necessary. The goal of this standard is to assure that all employees who need to know that an emergency exists can be notified of the emergency. The method of transmitting the alarm should reflect the situation found at the workplace.

Personal radio transmitters, worn by an individual, can be used where the individual may be working, such as in a remote location. Such personal radio transmitters shall send a distinct signal and should clearly indicate who is having an emergency, the location, and the nature of the emergency. All radio transmitters need a feedback system to assure that the emergency alarm is sent to the people who can provide assistance.

For multistory buildings or single-story buildings with interior walls for subdivisions, the more traditional alarm systems are recommended for these types of workplaces. Supervised telephone or manual fire alarm or pull box stations with paging systems to transmit messages throughout the building is the recommended alarm system. The alarm box stations should be available within a travel distance of 200 feet. Water flow detection on a sprinkler system, fire detection systems (guard's supervisory station) or tour signal (watchman's service), or other related systems may be part of the overall system. The paging system may be used for nonemergency operations provided the emergency messages and uses will have precedence over all other uses of the system.

(4) Supervision. The requirements for supervising the employee alarm system circuitry and power supply may be accomplished in a variety of ways. Typically, electrically operated sensors for air pressure, fluid pressure, steam pressure, or electrical continuity of circuitry may be used to continuously monitor the system to assure it is operational and to identify trouble in the system and give a warning signal.

NEW SECTION

WAC 296-24-63299 APPENDIX B—NATIONAL CONSENSUS STANDARDS.

The following table contains a cross-reference listing of those current national consensus standards which contains information and guidelines that would be considered acceptable in complying with requirements in the specific sections.

Section	National Consensus Standard
WAC 296-24-58505	ANSI/NFPA No. 1972, Structural Fire Fighter's Helmets. ANSI Z88.5 American National Standard, Practice for Respirator Protection for the Fire Service. ANSI/NFPA No. 1971, Protective Clothing for Structural Fire Fighters. NFPA No. 1041, Fire Service Instructor Professional Qualifications.
WAC 296-24-592	ANSI/NFPA No. 10, Portable Fire Extinguishers.
WAC 296-24-602	ANSI/NFPA No. 18, Wetting Agents. ANSI/NFPA No. 20, Centrifugal Fire Pumps. NFPA No. 21, Steam Fire Pumps. ANSI/NFPA No. 22, Water Tanks. NFPA No. 24, Outside Protection. NFPA No. 26, Supervision of Valves. NFPA No. 13E, Fire Department Operations

Section	National Consensus Standard
	<p>in Properties Protected by Sprinkler, Standpipe Systems. ANSI/NFPA No. 194, Fire Hose Connections. NFPA No. 197, Initial Fire Attack, Training for. NFPA No. 1231, Water Supplies for Suburban and Rural Fire Fighting.</p>
WAC 296-24-607	<p>ANSI/NFPA No. 13, Sprinkler Systems. NFPA No. 13A, Sprinkler Systems, Maintenance. ANSI/NFPA No. 18, Wetting Agents. ANSI/NFPA No. 20, Centrifugal Fire Pumps. ANSI/NFPA No. 22, Water Tanks. NFPA No. 24, Outside Protection. NFPA No. 26, Supervision of Valves. ANSI/NFPA No. 72B, Auxiliary Signaling Systems. NFPA No. 1231, Water Supplies for Suburban and Rural Fire Fighting.</p>
WAC 296-24-617	<p>ANSI/NFPA No. 11, Foam Systems. ANSI/NFPA No. 11A, High Expansion Foam Extinguishing Systems. ANSI/NFPA No. 11B, Synthetic Foam and Combined Agent Systems. ANSI/NFPA No. 12, Carbon Dioxide Systems. ANSI/NFPA No. 12A, Halon 1301 Systems. ANSI/NFPA No. 12B, Halon 1211 Systems. ANSI/NFPA No. 15, Water Spray Systems. ANSI/NFPA No. 16, Foam-Water Spray Systems. ANSI/NFPA No. 17, Dry Chemical Systems. ANSI/NFPA No. 69, Explosion Suppression Systems.</p>
WAC 296-24-622	<p>ANSI/NFPA No. 11B, Synthetic Foam and Combined Agent Systems. ANSI/NFPA No. 17, Dry Chemical Systems.</p>
WAC 296-24-623	<p>ANSI/NFPA No. 12, Carbon Dioxide Systems. ANSI/NFPA No. 12A, Halon 1211 Systems. ANSI/NFPA No. 12B, Halon 1301 Systems. ANSI/NFPA No. 69, Explosion Suppression Systems.</p>
WAC 296-24-627	<p>ANSI/NFPA No. 11, Foam Extinguishing Systems. ANSI/NFPA No. 11A, High Expansion Foam Extinguishing Systems. ANSI/NFPA No. 11B, Synthetic Foam and Combined Agent Systems. ANSI/NFPA No. 15, Water Spray Fixed Systems. ANSI/NFPA No. 16, Foam-Water Spray Systems. ANSI/NFPA No. 18, Wetting Agents. NFPA No. 26, Supervision of Valves.</p>
WAC 296-24-629	<p>ANSI/NFPA No. 71, Central Station Signaling Systems. ANSI/NFPA No. 72A, Local Protective Signaling Systems. ANSI/NFPA No. 72B, Auxiliary Signaling Systems. ANSI/NFPA No. 72D, Proprietary Protective Signaling Systems. ANSI/NFPA No. 72E, Automatic Fire Detectors. ANSI/NFPA No. 101, Life Safety Code.</p>
WAC 296-24-631	<p>ANSI/NFPA No. 71, Central Station Signaling Systems. ANSI/NFPA No. 72A, Local Protective Signaling Systems. ANSI/NFPA No. 72B, Auxiliary Protective Signaling Systems. ANSI/NFPA No. 72C, Remote Station Protective Signaling Systems. ANSI/NFPA No. 72D, Proprietary Protective Signaling Systems. ANSI/NFPA No. 101, Life Safety Code.</p>
Metric Conversion	ANSI/ASTM NSo. E380, American National Standard for Metric Practice.

NFPA standards are available from the National Fire Protection Association; 470 Atlantic Avenue; Boston, MA 02210.

ANSI Standards are available from the American National Standards Institute; 1430 Broadway; New York, NY 10018.

NEW SECTION

WAC 296-24-63399 APPENDIX C—FIRE PROTECTION REFERENCES FOR FURTHER INFORMATION. (I) Appendix general references. The following references provide information which can be helpful in understanding the requirements contained in all of the sections of Subpart L:

(A) Fire Protection Handbook, National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(B) Accident Prevention Manual for Industrial Operations, National Safety Council, 425 North Michigan Avenue, Chicago, IL 60611.

(C) Various associations also publish information which may be useful in understanding these standards. Examples of these associations are: Fire Equipment Manufacturers Association (FEMA) of Arlington, VA 22204, and the National Association of Fire Equipment Distributors (NAFED) of Chicago, IL 60601.

(II) Appendix references applicable to individual sections. The following references are grouped according to individual sections contained in Subpart L. These references provide information which may be helpful in understanding and implementing the standards of each section of Subpart L.

(A) WAC 296-24-58505 - Fire brigades:

(1) Private Fire Brigades, NFPA 27; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(2) Initial Fire Attack, Training Standard On, NFPA 197; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(3) Fire Fighter Professional Qualifications, NFPA 1001; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(4) Organization for Fire Services, NFPA 1201; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(5) Organization of a Fire Department, NFPA 1202; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(6) Protective Clothing for Structural Fire Fighting, ANSI/NFPA 1971; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(7) American National Standard for Men's Safety-Toe Footwear, ANSI Z4.1; American National Standards Institute, New York, NY 10018.

(8) American National Standard for Occupational and Educational Eye and Face Protection, ANSI Z87.1; American National Standards Institute, New York, NY 10018.

(9) American National Standard, Safety Requirements for Industrial Head Protection, ANSI Z89.1; American National Standards Institute, New York, NY 10018.

(10) Specifications for Protective Headgear for Vehicular Users, ANSI Z90.1; American National Standards Institute, New York, NY 10018.

(11) Testing Physical Fitness; Davis and Santa Maria, Fire Command, April 1975.

(12) Development of a Job-Related Physical Performance Examination for Fire Fighters; Dotson and Others. A summary report for the National Fire Prevention and Control Administration, Washington, D.C., March 1977.

(13) Proposed Sample Standards for Fire Fighters' Protective Clothing and Equipment; International Association of Fire Fighters, Washington, D.C.

(14) A Study of Facepiece Leakage of Self-Contained Breathing Apparatus by DOP Man Tests; Los Alamos Scientific Laboratory, Los Alamos, N.M.

(15) The Development of Criteria for Fire Fighters' Gloves; Vol. II: Glove Criteria and Test Methods; National Institute for Occupational Safety and Health, Cincinnati, Ohio, 1976.

(16) Made Performance Criteria for Structural Fire Fighters' Helmets; National Fire Prevention and Control Administration, Washington, D.C., 1977.

(17) Firefighters; Job Safety and Health Magazine, Occupational Safety and Health Administration, Washington, D.C., June 1978.

(18) Eating Smoke—The Dispensable Diet; Utech, H.P. The Fire Independent, 1975.

(19) Project Monoxide—A Medical Study of an Occupational Hazard of Fire Fighters; International Association of Fire Fighters, Washington, D.C.

(20) Occupational Exposures to Carbon Monoxide in Baltimore Firefighters; Radford Baltimore, MD. Journal of Occupational Medicine, September, 1976.

(21) Fire Brigades; National Safety Council, Chicago, IL, 1966.

(22) American National Standard, Practice for Respiratory Protection for the Fire Service, ANSI Z88.5; American National Standards Institute, New York, NY 10018.

(23) Respirator Studies for the Nuclear Regulatory Commission; October 1, 1977—September 30, 1978. Evaluation and Performance of Open-Circuit Breathing Apparatus. NUREG/CR-1235. Los Alamos Scientific Laboratory; Los Alamos, NM 87545, January, 1980.

(B) WAC 296-24-592 - Portable fire extinguishers:

(1) Standard for Portable Fire Extinguishers, ANSI/NFPA 10; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(2) Methods for Hydrostatic Testing of Compressed-Gas Cylinders, C-1; Compressed Gas Association, 500 Fifth Avenue, New York, NY 10036.

(3) Recommendations for the Disposition of Unserviceable Compressed-Gas Cylinders, C-2; Compressed Gas Association, 500 Fifth Avenue, New York, NY 10036.

(4) Standard for Visual Inspection of Compressed-Gas Cylinders, C-6; Compressed Gas Association, 500 Fifth Avenue, New York, NY 10036.

(5) Portable Fire Extinguisher Selection Guide, National Association of Fire Equipment Distributors; 111 East Wacker Drive, Chicago, IL 60601.

(C) WAC 296-24-602 - Standpipe and hose systems:

(1) Standard for the Installation of Sprinkler Systems, ANSI/NFPA 13; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(2) Standard of the Installation of Standpipe and Hose Systems, ANSI/NFPA 14; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(3) Standard for the Installation of Centrifugal Fire Pumps, ANSI/NFPA 20; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(4) Standard for Water Tanks for Private Fire Protection, ANSI/NFPA 22; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(5) Standard for Screw Threads and Gaskets for Fire Hose Connections, ANSI/NFPA 194; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(6) Standard for Fire Hose, NFPA 196; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(7) Standard for the Care of Fire Hose, NFPA 198; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(D) WAC 296-24-607 - Automatic sprinkler systems:

(1) Standard of the Installation of Sprinkler Systems, ANSI/NFPA 13; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(2) Standard for the Care and Maintenance of Sprinkler Systems, ANSI/NFPA 13A; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(3) Standard for the Installation of Standpipe and Hose Systems, ANSI/NFPA 14; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(4) Standard for the Installation of Centrifugal Fire Pumps, ANSI/NFPA 20; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(5) Standard for Water Tanks for Private Fire Protection, ANSI/NFPA 22; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(6) Standard for Indoor General Storage, ANSI/NFPA 231; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(7) Standard for Rock Storage of Materials, ANSI/NFPA 231C; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(E) WAC 296-24-617 - Fixed extinguishing systems—general information:

(1) Standard for Foam Extinguishing Systems, ANSI/NFPA 11; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(2) Standard for Hi-Expansion Foam systems, ANSI/NFPA 11A; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(3) Standard on Synthetic Foam and Combined Agent Systems, ANSI/NFPA 11B; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(4) Standard on Carbon Dioxide Extinguishing Systems, ANSI/NFPA 12; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(5) Standard on Halon 1301, ANSI/NFPA 12A; National Fire Protection Association, Boston, MA 02210.

(6) Standard on Halon 1211, ANSI/NFPA 12B; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(7) Standard for Water Spray Systems, ANSI/NFPA 15; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(8) Standard for Foam-Water Sprinkler Systems and Foam-Water Spray Systems, ANSI/NFPA 16; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(9) Standard for Dry Chemical Extinguishing Systems, ANSI/NFPA 17; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(F) WAC 296-24-622 - Fixed extinguishing systems—dry chemical:

(1) Standard for Dry Chemical Extinguishing Systems, ANSI/NFPA 17; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(2) National Electrical Code, ANSI/NFPA 70; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(3) Standard for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapor from Commercial Cooling Equipment, NFPA 96; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(G) WAC 296-24-623 - Fixed extinguishing systems—gaseous agents:

(1) Standard on Carbon Dioxide Extinguishing Systems, ANSI/NFPA 12; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(2) Standard on Halon 1301, ANSI/NFPA 12B; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(3) Standard on Halon 1211, ANSI/NFPA 12; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(4) Standard on Explosion Prevention Systems, ANSI/NFPA 69; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(5) National Electrical Code, ANSI/NFPA 70; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(6) Standard on Automatic Fire Detectors, ANSI/NFPA 72E; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(7) Determination of Halon 1301/1211 Threshold Extinguishing Concentrations Using the Cup Burner Method, Riley and Olson, Anslul Report AL-530-A.

(H) WAC 296-24-627 - Fixed extinguishing systems—water spray and foam agents:

(1) Standard for Foam Extinguisher Systems, ANSI/NFPA 11; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(2) Standard for High-Expansion Foam Systems, ANSI/NFPA 11A; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(3) Standard for Water Spray Fixed Systems for Fire Protection, ANSI/NFPA 15; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(4) Standard for the Installation of Foam-Water Sprinkler Systems and Foam-Water Spray Systems, ANSI/NFPA 16; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(I) WAC 296-24-629 - Fire detection systems:

(1) National Electrical Code, ANSI/NFPA 70; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(2) Standard for Central Station Signaling Systems, ANSI/NFPA 71; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(3) Standard on Automatic Fire Detectors, ANSI/NFPA 72E; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(J) WAC 296-24-631 - Employee alarm systems:

(1) National Electrical Code, ANSI/NFPA 70; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(2) Standard for Central Station Signaling Systems, ANSI/NFPA 71; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(3) Standard for Local Protective Signaling Systems, ANSI/NFPA 72A; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(4) Standard for Auxiliary Protective Signaling Systems, ANSI/NFPA 72B; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(5) Standard for Remote Station Protective Signaling Systems, ANSI/NFPA 72C; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(6) Standard for Proprietary Protective Signaling Systems, ANSI/NFPA 72D; National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.

(7) Vocal Emergency Alarms in Hospitals and Nursing Facilities: Practice and Potential, National Bureau of Standards, Washington, D.C., July, 1977.

(8) Fire Alarm and Communication Systems, National Bureau of Standards, Washington, D.C., April, 1976.

NEW SECTION

WAC 296-24-63499 APPENDIX D—AVAILABILITY OF PUBLICATIONS INCORPORATED BY REFERENCES IN WAC 296-24-58505—FIRE BRIGADES. The final standard for fire brigades, WAC 296-24-58505, contains provisions which incorporate certain publications by reference. The publications provide criteria and test methods for protective clothing worn by those fire brigade members who are expected to perform interior structural fire fighting. The standard references the publications as the chief sources of information for determining if the protective clothing affords the required level of protection.

It is appropriate to note that the final standard does not require employers to purchase a copy of the referenced publications. Instead, employers can specify (in purchase orders to the manufacturers) that the protective clothing meet the criteria and test methods contained in the referenced publications and can rely on the manufacturers assurances of compliance. Employers, however, may desire to obtain a copy of the referenced publications for their own information.

The paragraph designation of the standard where the referenced publications appear, the title of the publications, and the availability of the publications are as follows:

Paragraph Designation	Referenced Publication	Available From
WAC 296-24-58513(3)(b)	"Protective Clothing for Structural Fire Fighting." NFPA No. 1971 (1975).	National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.
WAC 296-24-58513(4)(a)	"Development of Criteria for Fire Fighter's Gloves; Vol. II, Part II: Test Methods" (1976)	U.S. Government Printing Office, Washington, D.C. 20402. Stock No. for Vol. II is: 071-033-021-1.
WAC 296-24-58513(5)(a)	"Model Performance Criteria for Structural Firefighter's Helmets" (1977)	U.S. Fire Administration, National Fire Safety and Research Office, Washington, D.C. 20230.

The referenced publications (or a microfiche of the publications) are available for review at many universities and public libraries throughout the country. These publications may also be examined at the OSHA Technical Data Center, Room N2439-Rear, United States Department of Labor, 200 Constitution Avenue Northwest, Washington, D.C. 20210 (202-523-9700), or at any OSHA Regional Office (see telephone directories under United States Government-Labor Department).

NEW SECTION

WAC 296-24-63599 APPENDIX E—TEST METHODS FOR PROTECTIVE CLOTHING. This appendix contains test methods

which must be used to determine if protective clothing affords the required level of protection as specified in WAC 296-24-58505 - Fire brigades.

(1) Puncture resistance test method for foot protection.

(a) Apparatus. The puncture resistance test shall be performed on a testing machine having a movable platform adjusted to travel at one-quarter-inch per minute. Two blocks of hardwood, metal, or plastic shall be prepared as follows: The blocks shall be of such size and thickness as to insure a suitable rigid test ensemble and allow for at least one-inch of the pointed end of an 8D nail to be exposed for the penetration. One block shall have a hole drilled to hold an 8D common nail firmly at an angle of 98-1/2. The second block shall have a maximum one-half inch diameter hole drilled through it so that the hole will allow free passage of the nail after it penetrates the insole during the test.

(b) Procedure. The test ensemble consisting of the sample unit, the two prepared blocks, a piece of leather outsole ten to eleven irons thick and a new 8D nail, shall be placed as follows: The 8D nail in the hole, the sample of outsole stock superimposed above the nail, the area of the sole plate to be tested placed on the outsole, and the second block with hole so placed as to allow for free passage of the nail after it passes through the outsole stock and sole plate in that order. The machine shall be started and the pressure, in pounds required for the nail to completely penetrate the outsole and sole plate, recorded to the nearest five pounds. Two determinations shall be made on each sole plate and the results averaged. A new nail shall be used for each determination.

(c) Source. These test requirements are contained in "Military Specification For Fireman's Boots," MIL-B-2885D (1973 and amendment dated 1975) and are reproduced for your convenience.

(2) Test method for determining the strength of cloth by tearing: Trapezoid method.

(a) Test specimen. The specimen shall be a rectangle of cloth three-inches by six-inches. The long dimension shall be parallel to the warp for warp tests and parallel to the filling for filling tests. No two specimens for warp tests shall contain the same warp yarns, nor shall any two specimens for filling tests contain the same filling yarns. The specimens shall be taken no nearer the selvage than 1/10 the width of the cloth. An isosceles trapezoid having an altitude of three inches and bases of one and four inches in length, respectively, shall be marked on each specimen, preferably with the aid of a template. A cut approximately three-eighths inch in length shall then be made in the center of a perpendicular to the one inch edge.

(b) Apparatus.

(i) Six-ounce weight tension clamps shall be used so designed that the six ounces of weight are distributed evenly across the complete width of the sample.

(ii) The machine shall consist of three main parts: Straining mechanism, clamps for holding specimen, and load and elongation recording mechanisms.

(iii) A machine wherein the specimen is held between two clamps and strained by a uniform movement of the pulling clamp shall be used.

(iv) The machine shall be adjusted so that the pulling clamp shall have a uniform speed of 12 ± 10.5 inches per minute.

(v) The machine shall have two clamps with two jaws on each clamp. The design of the two clamps shall be such that one gripping surface or jaw may be an integral part of the rigid frame of the clamp or be fastened to allow a slight vertical movement, while the other gripping surface or jaw shall be completely moveable. The dimension of the immovable jaw of each clamp parallel to the application of the load shall measure one inch, and the dimension of the jaw perpendicular to this direction shall measure three inches or more. The face of the moveable jaw of each clamp shall measure one inch by three inches.

Each jaw face shall have a flat, smooth, gripping surface. All edges which might cause a cutting action shall be rounded to a radius of not over 1/64 inch. In cases where a cloth tends to slip when being tested, the jaws may be faced with rubber or other material to prevent slippage. The distance between the jaws (gage length) shall be one inch at the start of the test.

(vi) Calibrated dial; scale or chart shall be used to indicate applied load and elongation. The machine shall be adjusted or set, so that the maximum load required to break the specimen will remain indicated on the calibrated dial or scale after the test specimen has ruptured.

(vii) The machine shall be of such capacity that the maximum load required to break the specimen shall be not greater than eighty-five percent or less than fifteen percent of the rated capacity.

(viii) The error of the machine shall not exceed two percent up to and including a fifty-pound load and one percent over a fifty-pound load at any reading within its loading range.

(ix) All machine attachments for determining maximum loads shall be disengaged during this test.

(c) Procedure.

(i) The specimen shall be clamped in the machine along the nonparallel sides of the trapezoid so that these sides lie along the lower edge of the upper clamp and the upper edge of the lower clamp with the cut halfway between the clamps. The short trapezoid base shall be held taut and the long trapezoid base shall lie in the folds.

(ii) The machine shall be started and the force necessary to tear the cloth shall be observed by means of an autographic recording device. The speed of the pulling clamp shall be 12 inches \pm 0.5-inch per minute.

(iii) If a specimen slips between the jaws, breaks in or at the edges of the jaws, or if for any reason attributable to faulty technique, an individual measurement falls markedly below the average test results for the sample unit, such result shall be discarded and another specimen shall be tested.

(iv) The tearing strength of the specimen shall be the average of the five highest peak loads of resistance registered for three inches of separation of the tear.

(d) Report.

(i) Five specimens in each of the warp and filling direction shall be tested from each sample unit.

(ii) The tearing strength of the sample unit shall be the average of the result obtained from the specimens tested in each of the warp and filling directions and shall be reported separately to the nearest 0.1 pound.

(e) Source. These test requirements are contained in "Federal Test Method Standard 191, Method 5136," and are reproduced for your convenience.

(3) Test method for determining flame resistance of cloth; vertical.

(a) Test specimen. The specimen shall be a rectangle of cloth two and three-quarter inches (7.0 cm) by twelve inches (30.5 cm) with the long dimension parallel to either the warp or filling direction of the cloth. No two warp specimens shall contain the same warp yarns, and no two filling specimens shall contain the same filling yarn.

(b) Number of determinations. Five specimens from each of the warp and filling directions shall be tested from each sample unit.

(c) Apparatus.

(i) Cabinet. A cabinet and accessories shall be fabricated in accordance with the requirements specified in Figures L-1, L-2, and L-3. Galvanized sheet metal or other suitable metal shall be used. The entire inside back wall of the cabinet shall be painted black to facilitate the viewing of the test specimen and pilot flame.

(ii) Burner. The burner shall be equipped with a variable orifice to adjust the flame height, a barrel having a three-eighth inch (9.5 mm) inside diameter and a pilot light.

(A) The burner may be constructed by combining a three-eighth inch (9.5 mm) inside diameter barrel $3 \pm 1/4$ -inches (76.2 ± 6.4 mm) long from a fixed orifice burner with a base from a variable orifice burner.

(B) The pilot light tube shall have a diameter of approximately one-sixteenth inch (1.6 mm) and shall be spaced one-eighth inch (3.2 mm) away from the burner edge with a pilot flame one-eighth inch (3.2 mm) long.

(C) The necessary gas connections and the applicable plumbing shall be as specified in Figure L-4 except that a solenoid valve may be used in lieu of the stopcock valve to which the burner is attached. The stopcock valve or solenoid valve, whichever is used, shall be capable of being fully opened or fully closed in 0.1 second.

(D) On the side of the barrel of the burner, opposite the pilot light there shall be a metal rod of approximately one-eighth inch (3.2 mm) diameter spaced one-half inch (12.7 mm) from the barrel and extending above the burner. The rod shall have two five-sixteenth inch (7.9 mm) prongs marking the distances of three-quarters inch (19 mm), and one and one-half inches (38.1 mm) above the top of the burner.

(E) The burner shall be fixed in a position so that the center of the barrel of the burner is directly below the center of the specimen.

(iii) There shall be a control valve system with a delivery rate designed to furnish gas to the burner under a pressure of $2-1/2 \pm 1/4$

pounds ($1.1\text{-kg} \pm 0.1\text{-kg}$) per square inch at the burner inlet. The manufacturer's recommended delivery rate for the valve system shall be included in the required pressure.

(iv) A synthetic gas mixture shall be of the following composition within the following limits (analyzed at standard conditions): 55 ± 3 percent hydrogen, 24 ± 1 percent methane, 3 ± 1 percent ethane, and 18 ± 1 percent carbon monoxide which will give a specific gravity of 0.365 ± 0.018 (air = 1) and a B.T.U. content of 540 ± 20 per cubic foot (dry basis) at 69.8 F (21 C).

(v) There shall be metal hooks and weights to produce a series of total loads to determine length of char. The metal hooks shall consist of No. 19 gage steel wire or equivalent and shall be made from three inch (76.2 mm) lengths of wire and bent one-half inch (12.7 mm) from one end to a 45-degree hook. One end of the hook shall be fastened around the neck of the weight to be used.

(vi) There shall be a stop watch or other device to measure the burning time 0.2 second.

(vii) There shall be a scale, graduated in 0.1 inch (mm) to measure the length of char.

(d) Procedure.

(i) The material undergoing test shall be evaluated for the characteristics of after-flame time and char length on each specimen.

(ii) All specimens to be tested shall be at moisture equilibrium under standard atmospheric conditions in accordance with subsection (3)(c) of this appendix. Each specimen to be tested shall be exposed to the test flame within twenty seconds after removal from the standard atmosphere. In case of dispute, all testing will be conducted under Standard Atmospheric conditions in accordance with subsection (3)(c) of this appendix.

(iii) The specimen in its holder shall be suspended vertically in the cabinet in such a manner that the entire length of the specimen is exposed and the lower end is three-quarters inch (19 mm) above the top of the gas burner. The apparatus shall be set up in a draft-free area.

(iv) Prior to inserting the specimen, the pilot flame shall be adjusted to approximately one-eighth inch (3.2 mm) in height measured from its lowest point to the tip.

The burner flame shall be adjusted by means of the needle valve in the base of the burner to give a flame height of one and one-half inches (38.1 mm) with the stopcock fully open and the air supply to burner shut off and taped. The one and one-half inch (38.1 mm) flame height is obtained by adjusting the valve so that the uppermost portion (tip) of the flame is level with the tip of the metal prong (see Fig. L-2) specified for adjustment of flame height. It is an important aspect of the evaluation that the flame height to be adjusted with the tip of the flame level with the tip of the metal prong. After inserting the specimen, the stopcock shall be fully opened, and the burner flame applied vertically at the middle of the lower edge of the specimen for twelve seconds and the burner turned off. The cabinet door shall remain shut during testing.

(v) The after-flame shall be the time the specimen continues to flame after the burner flame is shut off.

(vi) After each specimen is removed, the test cabinet shall be cleared of fumes and smoke prior to testing the next specimen.

(vii) After both flaming and glowing have ceased, the char length shall be measured. The char length shall be the distance from the end of the specimen, which was exposed to the flame, to the end of a tear (made lengthwise) of the specimen through the center of the charred area as follows: The specimen shall be folded lengthwise and creased by hand along a line through the highest peak of the charred area. The hook shall be inserted in the specimen (or a hole, one-quarter inch (6.4 mm) diameter or less, punched out for the hook) at one side of the charred area one-quarter inch (6.4 mm) from the adjacent outside edge and one-quarter inch (6.4 mm) in from the lower end. A weight of sufficient size such that the weight and hook together shall equal the total tearing load required in Table L-2 of this section shall be attached to the hook.

(viii) A tearing force shall be applied gently to the specimen by grasping the corner of the cloth at the opposite edge of the char from the load and raising the specimen and weight clear of the supporting surface. The end of the tear shall be marked off on the edge and the char length measurement made along the undamaged edge.

Loads for determining char length applicable to the weight of the test cloth shall be as shown in Table L-2.

TABLE L-2

Specified weight per square yard of cloth before any fire retardant treatment or coating - ounces	Total learning weight for determining the charred length - pound
2.0 to 6.0	0.25
Over 6.0 to 15.0	0.50
Over 15.0 to 23.0	0.75
Over 23.0	1.0

(ix) The after-flame time of the specimen shall be recorded to the nearest 0.2 second and the char length to the nearest 0.1 inch (1 mm).

(e) Report.

(i) The after-flame time and char length of the sample unit shall be the average of the results obtained from the individual specimens tested. All values obtained from the individual specimens shall be recorded.

(ii) The after-flame time shall be reported in the nearest 0.2 second and the char length to the nearest 0.1 inch (1 mm).

(f) Source. These test requirements are contained in "Federal Test Method Standard 191, Method 5903 (1971)," and are reproduced for your convenience.

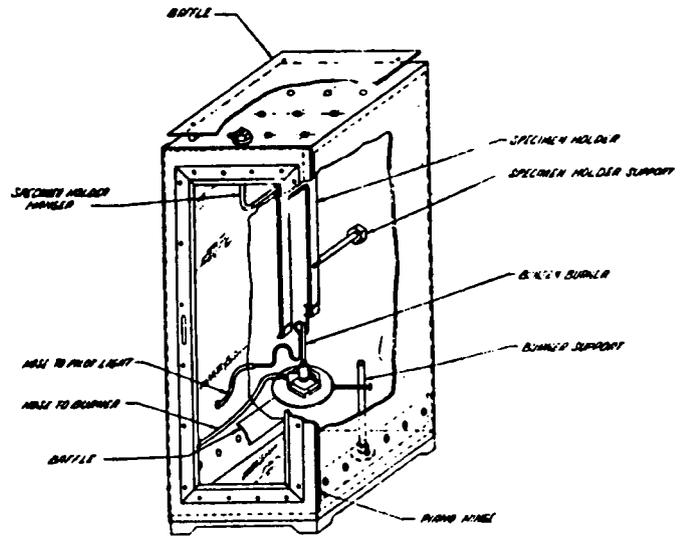


FIGURE L-1 - Vertical flame resistance textile apparatus.

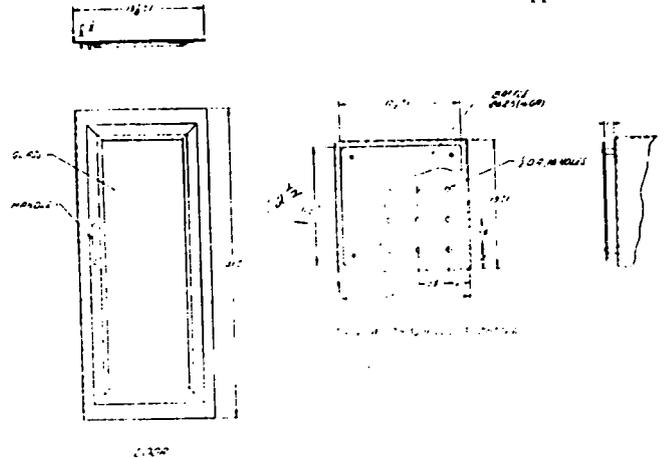


FIGURE L-2 - Vertical flame resistance textile apparatus, door and top view w/baffle.

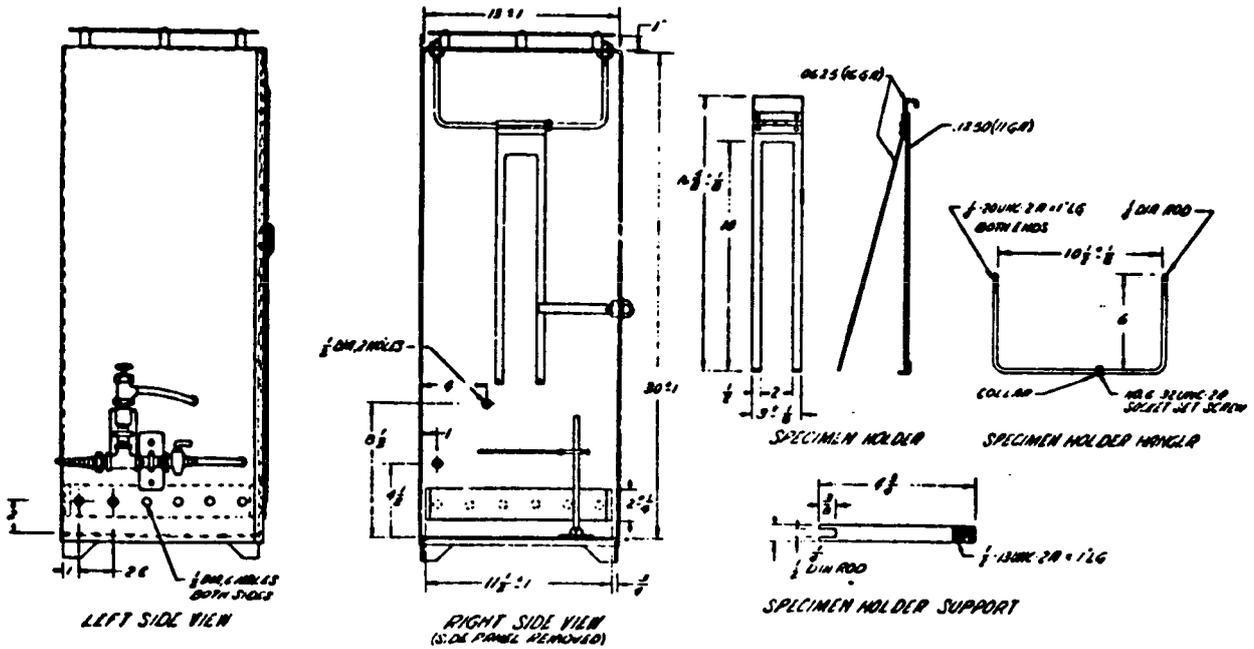


FIGURE L-3 – Vertical flame resistance textile apparatus, views and details.

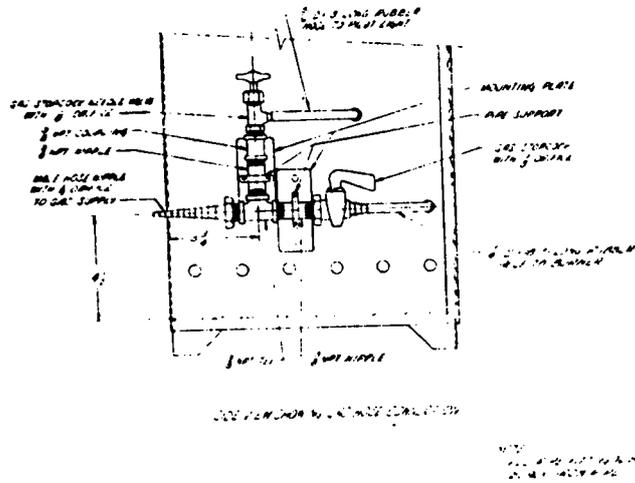


FIGURE L-4 – Vertical flame resistance textile apparatus.

NEW SECTION

WAC 296-24-960 PROXIMITY TO OVERHEAD POWER LINES. (1) General requirements – high voltage lines.

(a) Minimum clearance.

(i) No work shall be performed, no material shall be piled, stored or otherwise handled, no scaffolding, commercial signs, or structures shall be erected or dismantled, nor any tools, machinery or equipment operated within the specified minimum distances from any energized high voltage electrical conductor capable of energizing the material or equipment, unless workers are protected in accordance with this section.

(ii) The following minimum distances shall be maintained from high voltage lines:

Voltage	Minimum Distance
750 V to 50,000 V	10'
50,000 V to 250,000 V	17'
250,000 V to 550,000 V	20'
550,000 V to 750,000 V	22'

50,000 V to 250,000 V	17'
250,000 V to 550,000 V	20'
550,000 V to 750,000 V	22'

(b) Overhead electric lines. Where overhead electric conductors are encountered in proximity to a work area, the employer shall be responsible for:

(i) Ascertaining the voltage and minimum clearance distance required, and

(ii) Maintaining the minimum clearance distance, and

(iii) Ensuring that the requirements of subsection (1) of this section are complied with.

(c) Exception. This regulation does not apply to qualified persons.

(2) Low voltage lines. When work is being carried out in proximity to energized electrical service conductors operating at 750 volts or less, such work shall be performed in a manner to prevent contact by any worker with the energized conductors.

AMENDATORY SECTION (Amending Order 70-4, filed 4/29/70)

WAC 296-52-020 PURPOSE. It is the purpose of this code to implement the Washington State Explosives Act, chapter 70.74 RCW, as amended by chapter 72, Laws of 1970 ((2nd)) ex. sess. The Explosives Act shall be attached to this code, and both the act and the code shall be read and enforced jointly.

This code has been written by the Division of Industrial Safety and Health and promulgated by the Department of Labor and Industries in accordance with RCW 70.74.020 (Explosives Act), RCW 49.16.050, 49.16.060, 49.16.070 and 49.16.080 (Labor Regulations).

Advance notice was mailed as required by statute and public notice given as provided in RCW 42.32.010, on February 25, 1970.

A public hearing was conducted on March 26, 1970, at Olympia.

A copy of this code was filed with the Office of the Code Reviser on April 29, 1970, to become effective on May 29, 1970.

AMENDATORY SECTION (Amending Order 75-41, filed 12/19/75)

WAC 296-52-025 VARIANCE AND PROCEDURE. Realizing that conditions may exist in operations under which certain state standards will not have practical application, the Director of the Department of Labor and Industries or his authorized representative may, pursuant to this section, RCW 49.17.080 and/or RCW 49.17.090 and appropriate administrative rules of this state and the Department of Labor and Industries and upon receipt of application and after adequate investigation by the department, permit a variation from these

requirements when other means of providing an equivalent measure of protection are afforded. Such variation granted shall be limited to the particular case or cases covered in the application for variance and may be revoked for cause. The permit for variance shall be conspicuously posted on the premises and shall remain posted during the time it is in effect. All requests for variances from safety and health standards included in this or any other chapter of Title 296 WAC, shall be made in writing to the Director of the Department of Labor and Industries at Olympia, Washington, or his duly authorized representative, the ((Supervisor)) Assistant Director, Division of Industrial Safety and Health, Department of Labor and Industries, Olympia, Washington. Variance application forms may be obtained from the department upon request.

AMENDATORY SECTION (Amending Order 70-4, filed 4/29/70)

WAC 296-52-040 USER'S (BLASTER'S) LICENSE. RCW 70.74.020, applies.

(1) The application for a user's (blaster's) license to use, blast or dispose explosives and blasting agents shall be made by means of a form substantially similar to that shown in Fig. 1, of this code. (See Appendix)

Application forms may be obtained at any of the department district offices, or from explosives dealers.

A "hand loader" as defined in RCW 70.74.010, does not require a user's license.

An applicant shall submit to the department either a certification from another state; or a certification by a public agency, corporation or blaster's school; or a resume of successful blasting experience, properly witnessed. If said certifications are not satisfactory, the department may establish an Examination Board which shall prepare an examination procedure for certification.

The department will issue a user's license card which shall state the limitations imposed on the licensee and shall be presented by the user to authorized persons, upon request, together with valid personal identification.

The user's license shall be valid for one year.

Request for renewal application may be made at any of the department district offices, or from explosives dealers.

(2) The request for an inspection of compounds, mixtures or materials that may become explosive due to drying out or undergoing other physical changes within the definition of RCW 70.74.020, shall be made by any possessor of suspect compounds to the chief explosives inspector by means of a form similar to that shown in Fig. 2, of this code. (See Appendix)

(3) The safety rules on using, blasting or disposing explosives in specific industries are stated in chapters listed under WAC 296-52-010.

The safety rules on radio transmission in the vicinity of explosives blasting operations are stated in ((~~WAC 296-40-395~~)) chapter 296-155 WAC (Construction Code).

AMENDATORY SECTION (Amending Order 81-4, filed 3/17/81)

WAC 296-52-050 TRANSPORTATION. (1) The transportation of explosives by vehicle on public highways shall be administered by the United States Department of Transportation, CFR 49-1978, Parts 100 through 199, and the Washington state patrol under RCW 46.48-.170. The following sections cover the transportation of explosives on the job site.

(a) No employee shall be allowed to smoke, carry matches or any other flame-producing device, or carry any firearms or loaded cartridges while in or near a motor vehicle transporting explosives; or drive, load, or unload such vehicle in a careless or reckless manner.

(b) Explosives shall not be carried on any vehicle while vehicle is being used to transport workers other than driver and two persons.

(c) Explosives shall be transferred from the disabled vehicle to another, only when proper and qualified supervision is provided.

(2) Transportation vehicles. Vehicles used for transporting explosives shall be strong enough to carry the load without difficulty and be in good mechanical condition. If vehicles do not have a closed body, the body shall be covered with a flameproof and moisture-proof tarpaulin or other effective protection against moisture and sparks. All vehicles used for the transportation of explosives shall have tight floors and any exposed spark-producing metal on the inside of the body shall be covered with wood or other nonsparking materials to prevent contact with packages of explosives. Packages of explosives shall not be loaded above the sides of an open-body vehicle.

(3) Vehicles shall be placarded and displayed as specified by the United States Department of Transportation, CFR 49-1978, Parts 100 through 199.

(4) (a) Each motor vehicle used for transporting explosives shall be equipped with a minimum of two extinguishers, each having a rating of at least ((20))10-BC.

(i) Only extinguishers listed or approved by Underwriters Laboratories, Inc., or the Factor Mutual Engineering Corp. shall be deemed suitable for use on explosives-carrying vehicles.

(ii) Extinguishers shall be filled and ready for immediate use and readily available. Extinguishers shall be examined daily when being used by a competent person.

(b) A motor vehicle used for transporting explosives shall be given the following inspection to determine that it is in proper condition for safe transportation of explosives:

(i) Fire extinguishers shall be filled and in working order.

(ii) All electrical wiring shall be completely protected and securely fastened to prevent short-circuiting.

(iii) Chassis, motor, pan, and underside of body shall be reasonably clean and free of excess oil and grease.

(iv) Fuel tank and feedline shall be secure and have no leaks.

(v) Brakes, lights, horn, windshield wipers, and steering apparatus shall function properly.

(vi) Tires shall be checked for proper inflation and defects.

(vii) The vehicle shall be in proper condition in every other respect and acceptable for handling explosives.

(5) Operation of transportation vehicles.

(a) Vehicles transporting explosives shall only be driven by and be in the charge of a driver who is not less than 21 years of age, physically fit, careful, capable, reliable, able to read and write the English language, and not addicted to the use, or under the influence of intoxicants, narcotics, or other dangerous drugs. This rule does not apply to persons taking prescription drugs and/or narcotics as directed by a physician providing such use shall not endanger the worker or others. They shall be familiar with the traffic regulations, state laws, and the provisions of this section.

(b) Except under emergency conditions, no vehicle transporting explosives shall be parked before reaching its destination, even though attended.

(c) Every motor vehicle transporting any quantity of Class A or Class B explosives shall, at all times, be attended by a driver or other attendant of the motor carrier. This attendant shall have been made aware of the class of the explosive material in the vehicle and of its inherent dangers, and shall have been instructed in the measures and procedures to be followed in order to protect the public from those dangers. He shall have been made familiar with the vehicle he is assigned, and shall be trained, supplied with the necessary means, and authorized to move the vehicle when required.

(i) For the purpose of this subdivision, a motor vehicle shall be deemed "attended" only when the driver or other attendant is physically on or in the vehicle, or has the vehicle within his field of vision and can reach it quickly and without any kind of interference; "attended" also means that the driver or attendant is awake, alert, and not engaged in other duties or activities which may divert his attention from the vehicle.

(ii) However, an explosive-laden vehicle may be left unattended if parked within a securely fenced or walled area properly barricaded with all gates or entrances locked where parking of such vehicle is otherwise permissible, or at a magazine site established solely for the purpose of storing explosives.

(d) No spark-producing metal, spark-producing tools, oils, matches, firearms, electric storage batteries, flammable substances, acids, oxidizing materials, or corrosive compounds shall be carried in the body of any motor truck and/or vehicle transporting explosives, unless the loading of such dangerous articles and the explosives comply with U.S. Department of Transportation regulations.

(e) Vehicles transporting explosives shall avoid congested areas and heavy traffic.

(f) Delivery shall only be made to authorized persons and into authorized magazines of authorized temporary storage or handling area.

(6) Transporting of explosives and blasting caps or electric blasting caps in the same vehicle. Blasting caps, blasting caps with safety fuse, blasting caps with metal clad mild detonating fuse and/or electric blasting caps may be transported in the same vehicle with other explosives, provided the following condition is complied with:

The top, lid or door, sides and bottom of each container must be of laminate construction consisting of A/C grade or better exterior plywood, solid hardwood, asbestos board or sheetrock and sheet metal. In order of arrangement, from inside to outside, the laminate must consist of the following with the minimum thickness of each lamination as indicated: 1/4-inch plywood, 1-inch solid hardwood, 1/2-inch plywood, 1/2-inch sheetrock or 1/4-inch asbestos board, and 22-gauge sheet metal constructed inside to outside in that order.

(7) When primers are made up at a central primer house for use in high speed tunneling, the following shall apply:

(a) Only enough primers shall be made up for one day's usage.

(b) The primers shall be placed in separate containers or bins, categorized by degree of delay in such a manner so as to prevent them from physical impact.

(c) Explosives carried in the same magazine shall be separated by 1/4-inch steel, covered on each side by four inches of hardwood planking, or equivalent.

(d) Only a state approved powder car or vehicle shall be used underground.

(e) The number of primers for one round will be removed from the state approved car or vehicle at the face or heading after the drilling has been completed and the holes readied for loading. After loading the charge, the powder car or vehicle will be withdrawn from the tunnel.

(f) Wires on electric caps shall be kept shunted until wired to the bus wires.

(g) The powder car or vehicle shall be inspected daily for lights, brakes and external damage to electrical circuitry. The electrical system shall be checked weekly to detect any failures that may constitute an electrical hazard and a written record of such inspection shall be kept on file for the duration of the job.

(h) Before diesel equipment is taken underground, written permission shall be obtained from the Division of Industrial Safety and Health or its duly authorized representative. A satisfactory test on the surface, to show that the exhaust gases do not exceed the maximum percentage of allowable limits.

(i) Air measurements shall be made at least weekly in the diesel engine working area and the measurements entered in the Underground Diesel Engine Record Book.

(8) When explosives are carried to the blasting site from the main storage magazines by the blaster or helper:

(a) Special insulated containers shall be used for this purpose, either boxes or bags, one container for explosives and one for detonators.

(b) Detonators or explosives shall never be carried in pockets of clothing. (RCW 70.74.020, 70.74.160, 70.74.191, 70.74.320, 70.74.340 and 70.74.350 apply.)

AMENDATORY SECTION (Amending Order 70-4, filed 4/29/70)

WAC 296-52-150 STORAGE OF BLASTING CAPS WITH OTHER EXPLOSIVES PROHIBITED. RCW 70.74.100, applies.

The safe handling of explosives in magazines shall be done in accordance with ((WAC 296-40-360)) chapter 296-155 WAC (Construction Code).

AMENDATORY SECTION (Amending Order 76-6, filed 3/1/76)

WAC 296-52-165 BLASTING AGENTS. (1) General. Unless otherwise set forth in this section, blasting agents, excluding water gels, shall be transported, stored, and used in the same manner as explosives. Water gels are covered in WAC 296-52-167.

(2) Fixed location mixing. (a) Buildings or other facilities used for mixing blasting agents shall be located, with respect to inhabited buildings, passenger railroads, and public highways, in accordance with Table H-21. In determining the distance separating highways, railroads, and inhabited buildings from potential explosions (as prescribed in Table H-21), the sum of all masses which may propagate (i.e., lie at distances less than prescribed in Table H-22) from either individual or combined donor masses are included. However, when the ammonium nitrate must be included, only 50 percent of its weight shall be used because of its reduced blast effects.

(b) Buildings used for the mixing of blasting agents shall conform to the requirements of this section.

(i) Buildings shall be of noncombustible construction or sheet metal on wood studs.

(ii) Floors in a mixing plant shall be of concrete or of other nonabsorbent materials.

(iii) All fuel oil storage facilities shall be separated from the mixing plant and located in such a manner that in case of tank rupture, the oil will drain away from the mixing plant building.

(iv) The building shall be well ventilated.

(v) Heating units which do not depend on combustion processes, when properly designed and located, may be used in the building. All direct sources of heat shall be located outside the mixing building.

(vi) All internal-combustion engines used for electric power generation shall be located outside the mixing plant building, or shall be properly ventilated and isolated by a firewall. The exhaust systems on all such engines shall be located so any spark emission cannot be a hazard to any materials in or adjacent to the plant.

(c) Equipment used for mixing blasting agents shall conform to the requirements of this subdivision.

(i) The design of the mixer shall minimize the possibility of frictional heating, compaction, and especially confinement. All bearings and drive assemblies shall be mounted outside the mixer and protected against the accumulation of dust. All surfaces shall be accessible for cleaning.

(ii) Mixing and packaging equipment shall be constructed of materials compatible with the fuel-ammonium nitrate composition.

(iii) Suitable means shall be provided to prevent the flow of fuel oil to the mixer in case of fire. In gravity flow systems an automatic spring-loaded shutoff valve with fusible link shall be installed.

(d) The provisions of this subdivision shall be considered when determining blasting agent compositions.

(i) The sensitivity of the blasting agent shall be determined by means of a No. 8 test blasting cap at regular intervals and after every change in formulation.

(ii) Oxidizers of small particle size, such as crushed ammonium nitrate prills or fines, may be more sensitive than coarser products and shall, therefore, be handled with greater care.

(iii) No hydrocarbon liquid fuel with flashpoint lower than that of No. 2 diesel fuel oil 125°F. minimum shall be used.

(iv) Crude oil and crankcase oil shall not be used.

(v) Metal powders such as aluminum shall be kept dry and shall be stored in containers or bins which are moisture-resistant or weather-tight. Solid fuels shall be used in such manner as to minimize dust explosion hazards.

(vi) Peroxides and chlorates shall not be used.

(e) All electrical switches, controls, motors, and lights located in the mixing room shall conform to the requirements in WAC 296-24-950 through WAC 296-24-955; otherwise they shall be located outside the mixing room. The frame of the mixer and all other equipment that may be used shall be electrically bonded and be provided with a continuous path to the ground.

(f) Safety precautions at mixing plants shall include the requirements of this subdivision.

(i) Floors shall be constructed so as to eliminate floor drains and piping into which molten materials could flow and be confined in case of fire.

(ii) The floors and equipment of the mixing and packaging room shall be cleaned regularly and thoroughly to prevent accumulation of oxidizers or fuels and other sensitizers.

(iii) The entire mixing and packaging plant shall be cleaned regularly and thoroughly to prevent excessive accumulation of dust.

(iv) Smoking, matches, open flames, spark-producing devices, and firearms (except firearms carried by guards) shall not be permitted inside of or within 50 feet of any building or facility used for the mixing of blasting agents.

(v) The land surrounding the mixing plant shall be kept clear of brush, dried grass, leaves, and other materials for a distance of at least 25 feet.

(vi) Empty ammonium nitrate bags shall be disposed of daily in a safe manner.

(vii) No welding shall be permitted or open flames used in or around the mixing or storage area of the plant unless the equipment or area has been completely washed down and all oxidizer material removed.

(viii) Before welding or repairs to hollow shafts, all oxidizer material shall be removed from the outside and inside of the shaft and the shaft vented with a minimum one-half inch diameter opening.

(ix) Explosives shall not be permitted inside of or within 50 feet of any building or facility used for the mixing of blasting agents.

(3) Bulk delivery and mixing vehicles. (a) The provisions of this subsection shall apply to off-highway private operations as well as to all public highway movements.

(b) A bulk vehicle body for delivering and mixing blasting agents shall conform with the requirements of this subdivision (b).

(i) The body shall be constructed of noncombustible materials.

(ii) Vehicles used to transport bulk premixed blasting agents on public highways shall have closed bodies.

(iii) All moving parts of the mixing system shall be designed as to prevent a heat buildup. Shafts or axles which contact the product shall have outboard bearings with 1-inch minimum clearance between the bearings and the outside of the product container. Particular attention shall be given to the clearances on all moving parts.

(iv) A bulk delivery vehicle shall be strong enough to carry the load without difficulty and be in good mechanical condition.

(c) Operation of bulk delivery vehicles shall conform to the requirements of WAC 296-52-050(2)(b). These include the placarding requirements as specified by Department of Transportation.

(i) The operator shall be trained in the safe operation of the vehicle together with its mixing, conveying, and related equipment. The employer shall assure that the operator is familiar with the commodities being delivered and the general procedure for handling emergency situations.

(ii) The hauling of either blasting caps or other explosives but not both, shall be permitted on bulk trucks provided that a special wood or nonferrous-lined container is installed for the explosives. Such blasting caps or other explosives shall be in DOT-specified shipping containers: see 49 CFR Chapter I.

(iii) No person shall smoke, carry matches or any flame-producing device, or carry any firearms while in or about bulk vehicles effecting the mixing transfer or down-the-hole loading of blasting agents at or near the blasting site.

(iv) Caution shall be exercised in the movement of the vehicle in the blasting area to avoid driving the vehicle over or dragging hoses over firing lines, cap wires, or explosive materials. The employer shall assure that the driver, in moving the vehicle, has assistance of a second person to guide the driver's movements.

(v) No intransit mixing of materials shall be performed.

(d) Pneumatic loading from bulk delivery vehicles into blastholes primed with electric blasting caps or other static-sensitive systems shall conform to the requirements of this subdivision.

(i) A positive grounding device shall be used to prevent the accumulation of static electricity.

(ii) A discharge hose shall be used that has a resistance range that will prevent conducting stray currents, but that is conductive enough to bleed off static buildup.

(iii) A qualified person shall evaluate all systems to determine if they will adequately dissipate static under potential field conditions.

(e) Repairs to bulk delivery vehicles shall conform to the requirements of this section.

(i) No welding or open flames shall be used on or around any part of the delivery equipment unless it has been completely washed down and all oxidizer material removed.

(ii) Before welding or making repairs to hollow shafts, the shaft shall be thoroughly cleaned inside and out and vented with a minimum one-half-inch diameter opening.

(4) Bulk storage bins. (a) The bin, including supports, shall be constructed of compatible materials, waterproof, and adequately supported and braced to withstand the combination of all loads including impact forces arising from product movement within the bin and accidental vehicle contact with the support legs.

(b) The bin discharge gate shall be designed to provide a closure tight enough to prevent leakage of the stored product. Provision shall also be made so that the gate can be locked.

(c) Bin loading manways or access hatches shall be hinged or otherwise attached to the bin and be designed to permit locking.

(d) Any electrically driven conveyors for loading or unloading bins shall conform to the requirements of WAC 296-24-950 through WAC 296-24-955. They shall be designed to minimize damage from corrosion.

(e) Bins containing blasting agent shall be located, with respect to inhabited buildings, passenger railroads, and public highways, in accordance with Table H-21 and separation from other blasting agent storage and explosives storage shall be in conformity with Table H-22.

(f) Bins containing ammonium nitrate shall be separated from blasting agent storage and explosives storage in conformity with Table H-22.

TABLE H-22
TABLE OF RECOMMENDED SEPARATION DISTANCES OF AMMONIUM NITRATE AND BLASTING AGENTS FROM EXPLOSIVES OR BLASTING AGENTS⁶

Donor weight		Minimum separation distance of receptor when barricaded ² (ft.)		Minimum thickness of artificial barricades ⁵ (in.)
Pounds over	Pounds not over	Ammonium nitrate ³	Blasting agent ⁴	
	100	3	11	12
100	300	4	14	12
300	600	5	18	12
600	1,000	6	22	12
1,000	1,600	7	25	12
1,600	2,000	8	29	12
2,000	3,000	9	32	15
3,000	4,000	10	36	15
4,000	6,000	11	40	15
6,000	8,000	12	43	20
8,000	10,000	13	47	20
10,000	12,000	14	50	20
12,000	16,000	15	54	25
16,000	20,000	16	58	25
20,000	25,000	18	65	25
25,000	30,000	19	68	30
30,000	35,000	20	72	30
35,000	40,000	21	76	30
40,000	45,000	22	79	35
45,000	50,000	23	83	35
50,000	55,000	24	86	35
55,000	60,000	25	90	35
60,000	70,000	26	94	40
70,000	80,000	28	101	40
80,000	90,000	30	108	40
90,000	100,000	32	115	40
100,000	120,000	34	122	50
120,000	140,000	37	133	50
140,000	160,000	40	144	50
160,000	180,000	44	158	50
180,000	200,000	48	173	50
200,000	220,000	52	187	60
220,000	250,000	56	202	60
250,000	275,000	60	216	60
275,000	300,000	64	230	60

Notes to Table of Recommended Separation Distances of Ammonium Nitrate and Blasting Agents from Explosives or Blasting Agents:

NOTE 1. These distances apply to the separation of stores only. Table H-21 shall be used in determining separation distances from inhabited buildings, passenger railways, and public highways.

NOTE 2. When the ammonium nitrate and/or blasting agent is not barricaded, the distances shown in the table shall be multiplied by six. These distances allow for the possibility of high velocity metal fragments from mixers, hoppers, truck bodies, sheet metal structures, metal containers, and the like which may enclose the "donor". Where storage is in bullet-resistant magazines recommended for explosives or where the storage is protected by a bullet-resistant wall, distances, and barricade thicknesses in excess of those prescribed in Table H-21 are not required.

NOTE 3. The distances in the table apply to ammonium nitrate that passes the insensitivity test prescribed in the definition of ammonium nitrate fertilizer promulgated by the National Plant Food Institute*; and ammonium nitrate failing to pass said test shall be stored at separation distances determined by competent persons. (*Definition and Test Procedures for Ammonium Nitrate Fertilizer, National Plant Food Institute, November 1964.)

NOTE 4. These distances apply to nitro-carbo-nitrates and blasting agents which pass the insensitivity test prescribed in the U.S. Department of Transportation (DOT) regulations.

NOTE 5. Earth, or sand dikes, or enclosures filled with the prescribed minimum thickness of earth or sand are acceptable artificial barricades. Natural barricades, such as hills or timber of sufficient density that the surrounding exposures

which require protection cannot be seen from the "donor" when the trees are bare of leaves, are also acceptable.

NOTE 6. When the ammonium nitrate must be counted in determining the distances to be maintained from inhabited buildings, passenger railways and public highways, it may be counted at one-half its actual weight because its blast effect is lower.

NOTE 7. Guide to use of table of recommended separation distances of ammonium nitrate and blasting agents from explosives or blasting agents.

- (a) Sketch location of all potential donor and acceptor materials together with the maximum mass of material to be allowed in that vicinity. (Potential donors are high explosives, blasting agents, and combination of masses of detonating materials. Potential acceptors are high explosives, blasting agents, and ammonium nitrate.)
- (b) Consider separately each donor mass in combination with each acceptor mass. If the masses are closer than table allowance (distances measured between nearest edges), the combination of masses becomes a new potential donor of weight equal to the total mass. When individual masses are considered as donors, distances to potential acceptors shall be measured between edges. When combined masses within propagating distance of each other are considered as a donor, the appropriate distance to the edge of potential acceptors shall be computed as a weighted distance from the combined masses:

- (i) Calculation of weighted distance from combined masses:

Let $M_2, M_3 \dots M_n$ be donor masses to be combined.

M_1 is a potential acceptor mass.

D_{12} is distance from M_1 to M_2 (edge to edge).

D_{13} is distance from M_1 to M_3 (edge to edge), etc.

To find weighted distance $[D_{1(2,3 \dots n)}]$ from combined masses to M_1 , add the products of the individual masses and distances and divide the total by the sum of the masses thus:

$$D_{1(2,3 \dots (j)n)} = \frac{M_2 \times D_{12} + M_3 \times D_{13} + \dots + M_n \times D_{1n}}{M_2 + M_3 + \dots + M_n}$$

Propagation is possible if either an individual donor mass is less than the tabulated distance from an acceptor or a combined mass is less than the weighted distance from an acceptor.

- (c) In determining the distances separating highways, railroads, and inhabited buildings from potential explosions (as prescribed in Table H-21), the sum of all masses which may propagate (i.e., lie at distances less than prescribed in the Table) from either individual or combined donor masses are included. However, when the ammonium nitrate must be included, only 50 percent of its weight shall be used because of its reduced blast effects. In applying Table H-21 to distances from highways, railroads, and inhabited buildings, distances are measured from the nearest edge of potentially explodable material as prescribed in Table H-21, Note 4.
- (d) When all or part of a potential acceptor comprises Explosives Class A as defined in DOT regulations, storage in bullet-resistant magazines is required. Safe distances to stores in bullet-resistant magazines may be obtained from the intermagazine distances prescribed in Table H-21.
- (e) Barricades must not have line-of-sight openings between potential donors and acceptors which permit blast or missiles to move directly between masses.
- (f) Good housekeeping practices shall be maintained around any bin containing ammonium nitrate or blasting agent. This includes keeping weeds and other combustible materials cleared within 25 feet of such bin. Accumulation of spilled product on the ground shall be prevented.

(5) Storage of blasting agents and supplies. (a) Blasting agents and oxidizers used for mixing of blasting agents shall be stored in the manner set forth in this subsection.

(i) Blasting agents or ammonium nitrate, when stored in conjunction with explosives, shall be stored in the manner set forth in WAC 296-52-090(1)(a) for explosives. The mass of blasting agents and one-half the mass of ammonium nitrate shall be included when computing the total quantity of explosives for determining distance requirements.

(ii) Blasting agents, when stored entirely separate from explosives, may be stored in the manner set forth in WAC 296-52-090(4)(a) or in one-story warehouses (without basements) which shall be:

- (a) Noncombustible or fire resistive;
- (b) Constructed so as to eliminate open floor drains and piping into which molten materials could flow and be confined in case of fire;
- (c) Weather resistant;
- (d) Well ventilated; and
- (e) Equipped with a strong door kept securely locked except when open for business.

(iii) Semitrailer or full-trailer vans used for highway or onsite transportation of the blasting agents are satisfactory for temporarily storing these materials, provided they are located in accordance with Table H-21 with respect to inhabited buildings, passenger railways, and public highways and according to Table H-22 with respect to one another. Trailers shall be provided with substantial means for locking, and the trailer doors shall be kept locked, except during the time of placement and removal of stocks of blasting agents.

(b) Warehouses used for the storage of blasting agents separate from explosives shall be located as set forth in this subdivision.

(i) Warehouses used for the storage of blasting agents shall be located in accordance with the provisions of Table H-21 with respect to inhabited buildings, passenger railways, and public highways, and according to Table H-22 with respect to one another.

(ii) If both blasting agents and ammonium nitrate are handled or stored within the distance limitations prescribed in Table H-21, one-half the mass of the ammonium nitrate shall be added to the mass of the blasting agent when computing the total quantity of explosives for determining the proper distance.

(c) Smoking, matches, open flames, spark producing devices, and firearms are prohibited inside of or within 50 feet of any warehouse used for the storage of blasting agents. Combustible materials shall not be stored within 50 feet of warehouses used for the storage of blasting agents.

(d) The interior of warehouses used for the storage of blasting agents shall be kept clean and free from debris and empty containers. Spilled materials shall be cleaned up promptly and safely removed. Combustible materials, flammable liquids, corrosive acids, chlorates, or nitrates shall not be stored in any warehouse used for blasting agents unless separated therefrom by a fire resistive separation of not less than 1 hour resistance. The provisions of this subdivision shall not prohibit the storage of blasting agents together with non-explosive blasting supplies.

(e) Piles of ammonium nitrate and warehouses containing ammonium nitrate shall be adequately separated from readily combustible fuels.

(f) Caked oxidizers, either in bags or in bulk, shall not be loosened by blasting.

(g) Every warehouse used for the storage of blasting agents shall be under the supervision of a competent person who shall be not less than 21 years of age.

(6) Transportation of packaged blasting agents. (a) When blasting agents are transported in the same vehicle with explosives, all of the requirements of WAC 296-52-050 shall be complied with.

(b) Vehicles transporting blasting agents shall only be driven by and be in charge of a driver at least twenty-one ((21)) years of age who is capable, careful, reliable, and in possession of a valid motor vehicle operator's license. Such a person shall also be familiar with the States vehicle and traffic laws.

(c) No matches, firearms, acids, or other corrosive liquids shall be carried in the bed or body of any vehicle containing blasting agents.

(d) No person shall be permitted to ride upon, drive, load, or unload a vehicle containing blasting agents while smoking or under the influence of intoxicants, narcotics, or other dangerous drugs.

(e) It is prohibited for any person to transport or carry any blasting agents upon any public vehicle carrying passengers for hire.

(f) Vehicles transporting blasting agents shall be in safe operating condition at all times.

(g) When offering blasting agents for transportation on public highways the packaging, marking, and labeling of containers of blasting agents shall comply with the requirements of DOT.

(h) Vehicles used for transporting blasting agents on public highways shall be placarded in accordance with DOT regulations.

(7) Use of blasting agents. Persons using blasting agents shall comply with all of the applicable provisions of WAC 296-52-043.

AMENDATORY SECTION (Amending Order 75-41, filed 12/19/75)

WAC 296-52-167 WATER GEL (SLURRY) EXPLOSIVES AND BLASTING AGENTS. (1) General provisions. Unless otherwise set forth in this section, water gels shall be transported, stored and used in the same manner as explosives or blasting agents in accordance with the classification of the product.

(2) Types and classifications. (a) Water gels containing a substance in itself classified as an explosive shall be classified as an explosive and manufactured, transported, stored, and used as specified for "explosives" in this section, except as noted in subdivision (d).

(b) Water gels containing no substance in itself classified as an explosive and which are cap-sensitive as defined in WAC 296-52-030 under Blasting Agent shall be classified as an explosive and manufactured, transported, stored and used as specified for "explosives" in this section.

(c) Water gels containing no substance in itself classified as an explosive and which are not cap-sensitive as defined in WAC 296-52-030 under Blasting Agent shall be classified as blasting agents and manufactured, transported, stored, and used as specified for "blasting agents" in this section.

(d) When tests on specific formulations of water gels result in Department of Transportation classification as a Class B explosive, bullet-resistant magazines are not required, see WAC 296-52-090(4)(a).

(3) Fixed location mixing. (a)(i) Buildings or other facilities used for mixing water gels shall be located with respect to inhabited buildings, passenger railroads and public highways, in accordance with Table H-21.

(ii) In determining the distances separating highways, railroads, and inhabited buildings from potential explosions (as prescribed in Table H-21), the sum of all masses that may propagate (i.e., lie at distances less than prescribed in Table H-22) from either individual or combined donor masses are included. However, when the ammonium nitrate must be included, only 50 percent of its weight shall be used because of its reduced blast effects.

(b) Buildings used for the mixing of water gels shall conform to the requirements of this subdivision.

(i) Buildings shall be of noncombustible construction or sheet metal on wood studs.

(ii) Floors in a mixing plant shall be of concrete or of other nonabsorbent materials.

(iii) Where fuel oil is used all fuel oil storage facilities shall be separated from the mixing plant and located in such a manner that in case of tank rupture, the oil will drain away from the mixing plant building.

(iv) The building shall be well ventilated. Heating units that do not depend on combustion processes, when properly designed and located, may be used in the building. All direct sources of heat shall be provided exclusively from units located outside of the mixing building.

(v) All internal-combustion engines used for electric power generation shall be located outside the mixing plant building, or shall be properly ventilated and isolated by a firewall. The exhaust systems on all such engines shall be located so any spark emission cannot be a hazard to any materials in or adjacent to the plant.

(c) Ingredients of water gels shall conform to the requirements of this subdivision.

(i) Ingredients in themselves classified as Class A or Class B explosives shall be stored in conformity with WAC 296-52-095.

(ii) Nitrate-water solutions may be stored in tank cars, tank trucks, or fixed tanks without quantity or distance limitations. Spills or leaks which may contaminate combustible materials shall be cleaned up immediately.

(iii) Metal powders such as aluminum shall be kept dry and shall be stored in containers or bins which are moisture-resistant or weather-tight. Solid fuels shall be used in such manner as to minimize dust explosion hazards.

(iv) Ingredients shall not be stored with incompatible materials.

(v) Peroxides and chlorates shall not be used.

(d) Mixing equipment shall comply with the requirements of this subdivision.

(i) The design of the processing equipment, including mixing and conveying equipment, shall be compatible with the relative sensitivity of the materials being handled. Equipment shall be designed to minimize the possibility of frictional heating, compaction, overloading, and confinement.

(ii) Both equipment and handling procedures shall be designed to prevent the introduction of foreign objects or materials.

(iii) Mixers, pumps, valves, and related equipment shall be designed to permit regular and periodic flushing, cleaning, dismantling, and inspection.

(iv) All electrical equipment including wiring, switches, controls, motors, and lights, shall conform to the requirements of WAC 296-24-950 through ((WAC)) 296-24-955.

(v) All electric motors and generators shall be provided with suitable overload protection devices. Electrical generators, motors, proportioning devices, and all other electrical enclosures shall be electrically bonded. The grounding conductor to all such electrical equipment shall be effectively bonded to the service-entrance ground connection and to all equipment ground connections in a manner so as to provide a continuous path to ground.

(e) Mixing facilities shall comply with the fire prevention requirements of this subdivision.

(i) The mixing, loading, and ingredient transfer areas where residues or spilled materials may accumulate shall be cleaned periodically. A cleaning and collection system for dangerous residues shall be provided.

(ii) A daily visual inspection shall be made of the mixing, conveying, and electrical equipment to establish that such equipment is in good operating condition. A program of systematic maintenance shall be conducted on regular schedule.

(iii) Heaters which are not dependent on the combustion process within the heating unit may be used within the confines of processing buildings, or compartments, if provided with temperature and safety controls and located away from combustible materials and the finished product.

(4) Bulk delivery and mixing vehicles. (a) The design of vehicles shall comply with the requirements of this subdivision.

(i) Vehicles used over public highways for the bulk transportation of water gels or of ingredients classified as dangerous commodities, shall meet the requirements of the Department of Transportation and shall meet the requirements of WAC 296-52-050 and ((WAC)) 296-52-165 of this section.

(ii) When electric power is supplied by a self-contained motor generator located on the vehicle the generator shall be at a point separate from where the water gel is discharged.

(iii) The design of processing equipment and general requirements shall conform to subsection (3)(c) and (d).

(iv) A positive action parking brake which will set the wheel brakes on at least one axle shall be provided on vehicles when equipped with air brakes and shall be used during bulk delivery operations. Wheel chocks shall supplement parking brakes whenever conditions may require.

(b) Operation of bulk delivery and mixing vehicles shall comply with the requirements of this subdivision.

(i) The placarding requirements contained in DOT regulations apply to vehicles carrying water gel explosives or blasting agents.

(ii) The operator shall be trained in the safe operation of the vehicle together with its mixing, conveying, and related equipment. The operator shall be familiar with the commodities being delivered and the general procedure for handling emergency situations.

(iii) The hauling of either blasting caps or other explosives, but not both, shall be permitted on bulk trucks provided that a special wood or nonferrous-lined container is installed for the explosives. Such blasting caps or other explosives shall be DOT-specified shipping containers; see 49 CFR Chapter I.

(iv) No person shall be allowed to smoke, carry matches or any flame-producing device, or carry any firearms while in or about bulk vehicles effecting the mixing, transfer, or down-the-hole loading of water gels at or near the blasting site.

(v) Caution shall be exercised in the movement of the vehicle in the blasting area to avoid driving the vehicle over or dragging hoses over firing lines, cap wires, or explosive materials. The employer shall furnish the driver the assistance of a second person to guide the driver's movements.

(vi) No intransit mixing of materials shall be performed.

(vii) The location chosen for water gel or ingredient transfer from a support vehicle into the bore hole loading vehicle shall be away from the blasthole site when the bore holes are loaded or in the process of being loaded.

AMENDATORY SECTION (Amending Order 76-6, filed 3/1/76)

WAC 296-52-390 STORAGE OF AMMONIUM NITRATE.

(1) Scope and definitions. (a) Except as provided in subdivision (d) of this section applies to the storage of ammonium nitrate in the form of crystals, flakes, grains, or prills including fertilizer grade, dynamite grade, nitrous oxide grade, technical grade, and other mixtures containing 60 percent or more ammonium nitrate by weight but does not apply to blasting.

(b) This section does not apply to the transportation of ammonium nitrate.

(c) This section does not apply to storage under the jurisdiction of and in compliance with the regulations of the U.S. Coast Guard (see 46 CFR Parts 146-149).

(d) The storage of ammonium nitrate and ammonium nitrate mixtures that are more sensitive than allowed by the "Definition of Test Procedures for Ammonium Nitrate Fertilizer" is prohibited.

(e) Nothing in this section shall apply to the production of ammonium nitrate or to the storage of ammonium nitrate on the premises of the producing plant, provided that no distinct undue hazard to the public is created.

(f) The definition and test procedures for ammonium nitrate fertilizer are those found in the bulletin, "Definition and Test Procedures for Ammonium Nitrate Fertilizer", available from the National Plant Food Institute, 1700 K Street N.W., Washington, D.C. 20006. This definition limits the contents of organic materials, metals, sulfur, etc., in a product that may be classified ammonium nitrate fertilizer.

(g) The standards for ammonium nitrate (nitrous oxide grade) are those found in the "Specifications, Properties, and Recommendations for Packaging, Transportation, Storage, and Use of Ammonium Nitrate", available from the Compressed Gas Association, Inc., 500 Fifth Avenue, New York, NY 10036.

(2) General provisions. (a) This subsection applies to all persons storing, having, or keeping ammonium nitrate, and to the owner or lessee of any building, premises, or structure in which ammonium nitrate is stored in quantities of 1,000 pounds or more.

(b) Approval of large quantity storage shall be subject to due consideration of the fire and explosion hazards, including exposure to toxic vapors from burning or decomposing ammonium nitrate.

(c) Storage buildings shall not have basements unless the basements are open on at least one side. Storage buildings shall not be over one story in height.

(d) Storage buildings shall have adequate ventilation or be of a construction that will be self-ventilating in the event of fire.

(e) The wall on the exposed side of a storage building within 50 feet of a combustible building, forest, piles of combustible materials and similar exposure hazards shall be of fire-resistive construction. In lieu of the fire-resistive wall, other suitable means of exposure protection such as a free standing wall may be used. The roof coverings shall be class C or better, as defined in Roof Coverings, NFPA 203-1970.

(f) All flooring in storage and handling areas, shall be of noncombustible material or protected against impregnation by ammonium nitrate and shall be without open drains, taps, tunnels, pits, or pockets into which any molten ammonium nitrate could flow and be confined in the event of fire.

(g) The continued use of an existing storage building or structure not in strict conformity with this section may be approved in cases where such continued use will not constitute a hazard to life or adjoining property.

(h) Buildings and structures shall be dry and free from water seepage through the roof, walls, and floors.

(3) Storage of ammonium nitrate in bags, drums, or other containers. (a) Bags and containers used for ammonium nitrate must comply with specifications and standards required for use in interstate commerce (see 49 CFR Chapter 1).

(b) Containers used on the premises in the actual manufacturing or processing need not comply with provisions of (3)(a).

(c) Containers of ammonium nitrate shall not be accepted for storage when the temperature of the ammonium nitrate exceeds 130°F.

(d) Bags of ammonium nitrate shall not be stored within 30 inches of the storage building walls and partitions.

(e) The height of piles shall not exceed 20 feet. The width of piles shall not exceed 20 feet and the length 50 feet except that where the

building is of noncombustible construction or is protected by automatic sprinklers the length of piles shall not be limited. In no case shall the ammonium nitrate be stacked closer than 36 inches below the roof or supporting and spreader beams overhead.

(f) Aisles shall be provided to separate piles by a clear space of not less than 3 feet in width. At least one service or main aisle in the storage area shall be not less than 4 feet in width.

(4) Storage of bulk ammonium nitrate. (a) Warehouses shall have adequate ventilation or be capable of adequate ventilation in case of fire.

(b) Unless constructed of noncombustible material or unless adequate facilities for fighting a roof fire are available, bulk storage structures shall not exceed a height of 40 feet.

(c) Bins shall be clean and free of materials which may contaminate ammonium nitrate.

(d) Due to the corrosive and reactive properties of ammonium nitrate, and to avoid contamination, galvanized iron, copper, lead, and zinc shall not be used in a bin construction unless suitably protected. Aluminum bins and wooden bins protected against impregnation by ammonium nitrate are permissible. The partitions dividing the ammonium nitrate storage from other products which would contaminate the ammonium nitrate shall be of tight construction.

(e) The ammonium nitrate storage bins or piles shall be clearly identified by signs reading "Ammonium Nitrate" with letters at least 2 inches high.

(f) Piles or bins shall be so sized and arranged that all material in the pile is moved out periodically in order to minimize possible caking of the stored ammonium nitrate.

(g) Height or depth of piles shall be limited by the pressure-setting tendency of the product. However, in no case shall the ammonium nitrate be piled higher at any point than 36 inches below the roof or supporting and spreader beams overhead.

(h) Ammonium nitrate shall not be accepted for storage when the temperature of the product exceeds 130°F.

(i) Dynamite, other explosives, and blasting agents shall not be used to break up or loosen caked ammonium nitrate.

(5) Contaminants. (a) Ammonium nitrate shall be in a separate building or shall be separated by approved type firewalls of not less than 1 hour fire-resistance rating from storage or organic chemicals, acids, or other corrosive materials, materials that may require blasting during processing or handling, compressed flammable gases, flammable and combustible materials or other contaminating substances, including but not limited to animal fats, baled cotton, baled rags, baled scrap paper, bleaching ((power)) powder, burlap or cotton bags, caustic soda, coal, coke, charcoal, cork, camphor, excelsior, fibers of any kind, fish oils, fish meal, foam rubber, hay, lubricating oil, linseed oil, or other oxidizable or drying oils, naphthalene, oakum, oiled clothing, oiled paper, oiled textiles, paint, straw, sawdust, wood shavings, or vegetable oils. Walls referred to in this subdivision need extend only to the underside of the roof.

(b) In lieu of separation walls, ammonium nitrate may be separated from the materials referred to in item (a) of this subdivision by a space of at least 30 feet.

(c) Flammable liquids such as gasoline, kerosene; solvents, and light fuel oils shall not be stored on the premises except when such storage conforms to WAC 296-24-330, and when walls and sills or curbs are provided in accordance with items (a) or (b) of this subdivision.

(d) LP-Gas shall not be stored on the premises except when such storage conforms to WAC 296-24-475.

(e) Sulfur and finely divided metals shall not be stored in the same building with ammonium nitrate except when such storage conforms to chapter 296-52 WAC.

(f) Explosives and blasting agents shall not be stored in the same building with ammonium nitrate except on the premises of makers, distributors, and user-compounders of explosives or blasting agents.

(g) Where explosives or blasting agents are stored in separate buildings, other than on the premises of makers, distributors, and user-compounders of explosives or blasting agents, they shall be separated from the ammonium nitrate by the distances and/or barricades specified in Table H-22 of WAC 296-52-165, but by not less than 50 feet.

(h) Storage and/or operations on the premises of makers, distributors, and user-compounders of explosives or blasting agents shall be in conformity with chapter 296-52 WAC.

(6) General precautions. (a) Electrical installations shall conform to the requirements of chapter 296-46 WAC for ordinary locations. They shall be designed to minimize damage from corrosion.

(b) In areas where lightning storms are prevalent, lightning protection shall be provided. (See the Lightning Protection code, NFPA 78-1968.)

(c) Provisions shall be made to prevent unauthorized personnel from entering the ammonium nitrate storage area.

(7) Fire protection. (a) Not more than 2,500 (2270 tonnes) tons of bagged ammonium nitrate shall be stored in a building or structure not equipped with an automatic sprinkler system. Sprinkler systems shall be of the approved type and installed in accordance with ((the Standard for the Installation of Sprinkler Systems, NFPA 13-1969)) WAC 296-24-607.

(b) Suitable fire control devices such as small hose or portable fire extinguishers shall be provided throughout the warehouse and in the loading and unloading areas. ((See the Standard for the Installation of Portable Fire Extinguishers, NFPA 10-1970, and Standard for the Installation of Standpipe and Hose Systems, NFPA 14-1970.)) Suitable fire control devices shall comply with the requirements of WAC 296-24-592 and 296-24-602.

(c) Water supplies and fire hydrants shall be available in accordance with recognized good practices.

AMENDATORY SECTION (Amending Order 75-41, filed 12/19/75)

WAC 296-52-9001 APPENDIX FIGURE 1—APPLICATION FOR USER'S (BLASTER'S) LICENSE.

Exp. No. 620 Appendix Figure-1

State of Washington DEPARTMENT OF LABOR AND INDUSTRIES Division of Industrial Safety and Health

APPLICATION FOR USER'S (BLASTER'S) LICENSE

Application for a User's (Blaster's) License for the sole purpose of using, blasting or disposing explosives and blasting agents, as defined in RCW 70.74.010 and 70.74.020 (Explosives Act), and WAC 296-52-040 (Explosives Code).

A "hand loader" as defined in RCW 70.74.010, does not require a user's license.

THIS LICENSE IS VALID FOR ONE (1) YEAR AND SHALL BE RENEWED BY APPLICATION THE ANNUAL FEE IS THREE (3) DOLLARS AND MUST ACCOMPANY APPLICATION

Renewal: Yes If yes, give user's license number Renewal: No

- 1. Name of user: Birth Date:
2. Mailing address: Zip Code: Phone:
3. Driver's License No.: State: Citizen of
4. I have a user's (blaster's) certificate issued by: Limited to: Valid to (date):

An applicant shall submit to the department either a certification from another state; or certification by a public agency, corporation or blaster's school; or a resume of successful blasting experience, properly witnessed. If said certification are not satisfactory, the department may establish an Examination Board which shall prepare an examination procedure for certification.

5. My experience record is as follows; (most recent experience first):

Table with 4 columns: From Mo/Yr, To Mo/Yr, Type of explosives used, Type of blasting work done (Give details on separate sheet)

- 6. Present employer or self-employed: Address:
7. I want to do the following types of blasting. (Give details on separate sheet):
8. I will use the following types of explosives:
9. I will supervise persons using explosives who are not licensed to blast: Yes No
10. I will supervise persons over 18 and under 21 years of age: Yes No

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11. Explosives must be used the same day purchased or be stored in a licensed, approved magazine complying with the requirements of the Quantity and Distance Table RCW 70.74.030). Storage of explosives otherwise is in violation of chapter 296-52 WAC and chapter 70.74 RCW and subjects the possessor to prosecution.

WAC 296-62-150: Storage of blasting caps with other explosives prohibited.

Blasting caps (detonators) must be stored in licensed, approved magazine.

12. APPLICANT SWEARS THAT THE FOLLOWING ARE TRUE:

- (a) I am a user who uses explosives as an ultimate consumer, or who supervises such use;
(b) I am physically and mentally fit to handle explosives safely;
(c) I am experienced in the use and disposal of the explosives within the limits stated in my license;
(d) I will follow the rules of the Explosives Act and of the Safety Codes of the State of Washington;
(e) I will not sell, barter, give or dispose explosives to anyone within the State of Washington, except to employees under my direct supervision;
(f) I have not been convicted of a crime involving moral turpitude;
(g) I am not disloyal to the United States;
(h) I will not transfer my User's license to anyone else;
(i) The statements made in this application are true; and,
(j) I will advise the department when any of these facts change.

Applicant's signature: Date:

The applicant is known to me personally, and the statements made by him are true, to the best of my knowledge.

Witness' Signature: Date: Title: Phone: Address: Zip Code

Please make \$3.00 check payable to Department of Labor and Industries and mail with application to:

Department of Labor & Industries Division of Industrial Safety & Health ((Chief Explosives Inspector)) P.O. Box 207 Olympia, Washington 98504

or to any one of the department district offices.

APPLICANT—DO NOT WRITE BELOW THIS LINE

User's license granted: Yes No Class: Grade If not granted, department shall state reasons: Signature: Title License number issued Date Issued

AMENDATORY SECTION (Amending Order 70-4, filed 4/29/70)

WAC 296-52-9002 APPENDIX FIGURE 2-REQUEST FOR INSPECTION.

Appendix Figure-2

State of Washington DEPARTMENT OF LABOR AND INDUSTRIES Division of Industrial Safety and Health

REQUEST FOR INSPECTION

Request for inspection of compounds or materials that may become an explosive due to drying out or undergoing other physical changes within the definition of RCW 70.74.020 (Explosives Act), and WAC 296-52-040(2) (Explosives Code).

Name of applicant: Individual: Corporation: Partnership: Mailing address:

Washington State explosives license (type):

Number: Expires (date):

Kinds of compounds handled:

Condition of compounds:

Place where compounds are kept:

Mail to:

Department of Labor & Industries Division of Safety ((Chief Explosives Inspector)) P.O. Box 207 Olympia, Washington 98501

APPLICANT - DO NOT WRITE BELOW THIS LINE

Explosives Inspector's Report

Action taken:

Observations and recommendations:

Inspector's signature:

Date: At:

AMENDATORY SECTION (Amending Order 70-4, filed 4/29/70)

WAC 296-52-9003 APPENDIX FIGURE 3-APPLICATION FOR LICENSE TO MANUFACTURE EXPLOSIVES.

Appendix Figure-3

State of Washington DEPARTMENT OF LABOR AND INDUSTRIES Division of Industrial Safety and Health

APPLICATION FOR LICENSE TO MANUFACTURE EXPLOSIVES

We apply for a license to manufacture explosives and/or blasting agents listed below, in the State of Washington, within the terms of RCW 70.74.110 (Explosives Act), and WAC 296-52-160 (Explosives Code).

Applicant-Fill in the required information. Use additional sheets as needed:

1. Name of firm: Corporation: Partnership: Or:

2. Mailing address:

3. Names of corporate officers or partners Address Title Citizen of

4. Kinds of explosives manufactured:

5. Address of manufacturing plant:

6. Reason for desiring to manufacture explosives:

7. A plan of the proposed plant is attached, showing:

- (a) Manufacturing building; (b) factory building; (c) storage magazines; (d) nearby railroads, highway, inhabited buildings and public utility transmission systems; (e) the distance between all of the above; (f) the maximum amounts and kinds of explosives expected in each building and magazine; and, (g) the nature of work carried on in each building and the natural and artificial barricades.

A copy of this plan, approved by the department, shall be kept in the plant, open to inspection by the department.

8. We assert that:

- (a) We will abide by the Explosives Act and by the Safety Codes of the State of Washington; (b) We will not sell, barter, give or dispose explosives to any person within the State of Washington who does not have a license to purchase explosives; (c) We are experienced in the manufacture of the explosives listed on this application; (d) We have not been convicted of a crime involving moral turpitude; (e) We are not disloyal to the United States; (f) The statements made in this application are true to the best of our knowledge; and, (g) We will advise the Department of Labor and Industries when any of the above stated facts change.

Signed by authorized agent:

Title: Date:

At:

APPLICANT - DO NOT WRITE BELOW THIS LINE

Explosives Inspector's Report

Plan approved: Yes No

Comments:

Inspector's signature:

Date: At:

This license shall continue in full force and effect until surrendered or canceled because of failure to comply with any of the conditions necessary for the granting of a license.

Direct all correspondence pertaining to this license to the following address:

Department of Labor and Industries Division of Safety ((Chief Explosives Inspector)) P.O. Box 207 Olympia, Washington 98501

In your correspondence, please refer to the following Manufacturer's License No.

AMENDATORY SECTION (Amending Order 70-4, filed 4/29/70)
WAC 296-52-9005 APPENDIX FIGURE 5—APPLICATION FOR DEALER'S LICENSE.

Appendix Figure-5

State of Washington
DEPARTMENT OF LABOR AND INDUSTRIES
Division of Industrial Safety and Health
APPLICATION FOR DEALER'S LICENSE

We apply for a Dealer's or Distributor's License to buy explosives and/or blasting agents for the sole purpose of selling them within the terms of RCW 70.74.130 (Explosives Act), and WAC 296-52-190 (Explosives Code).

Renewal: Yes No Dealer's License No.

1. Name of firm: Corporation: Partnership: Or:

2. Mailing address:

3. Names of corporate officers or partners Address Title Citizen of

4. Kinds of explosives dealt in:

5. Ultimate use of explosives:

6. Location of magazine(s): License No. Estimated amount of explosives bought per month (pounds):

- 7. We assert that: (a) We will abide by the Explosives Act and the Safety Codes of the State of Washington; (b) We will not sell, barter, give or dispose explosives to any person within the State of Washington who does not hold a valid license to purchase or use explosives; (c) We will send a monthly record of all explosives purchased and sold by us, not later than the tenth (10th) of the following month, to the department; (d) We are experienced in the buying and selling of explosives; (e) We have not been convicted of a crime involving moral turpitude; (f) We are not disloyal to the United States; and, (g) The statements made above are true, and we will advise the department when any of the above stated facts change.

Signature of Dealer: Title: Date: At:

APPLICANT - DO NOT WRITE BELOW THIS LINE

Explosives Inspector's Report

Dealer's license approved: Yes No

If not approved, state reasons:

Inspector's signature: Date: At:

Send your request for renewal not later than (date): to the following address:

Department of Labor & Industries
Division of Safety
(Chief Explosives Inspector)
P.O. Box 207
Olympia, Washington 98501

In your correspondence, please refer to the following Dealer's License No.

AMENDATORY SECTION (Amending Order 75-41, filed 12/19/75)

WAC 296-52-9006 APPENDIX FIGURE 6—APPLICATION FOR LICENSE TO PURCHASE EXPLOSIVES.

Exp. No. 625 Appendix Figure-6

State of Washington
DEPARTMENT OF LABOR AND INDUSTRIES
Division of Industrial Safety and Health
APPLICATION FOR LICENSE TO PURCHASE EXPLOSIVES

We apply for a license to purchase explosives under the terms of RCW 70.74.135 (Explosives Act), and WAC 296-52-220 (Explosives Code). No license is required for purchasing hand loading components.

THIS LICENSE IS VALID FOR ONE (1) YEAR AND SHALL BE RENEWED BY APPLICATION. THE ANNUAL FEE IS TWO (2) DOLLARS AND MUST ACCOMPANY APPLICATION.

Renewal: Yes If yes, give purchaser's license number

Renewal: No

1. Name of purchaser: Individual Corporation Partnership Or

2. Birth Date (If Individual) Citizen of

3. Mailing address: Zip Code Phone

4. Names of corporate officers, partners or officials Residence Address Title Citizen of

5. Location where explosives are to be used:

6. Kind of explosives to be purchased:

7. Reason for desiring to purchase explosives:

8. Persons valid user's license number:

9. Name of person to be using explosives:

10. Explosives must be used the same day purchased or be stored in a licensed, approved magazine complying with the requirements of the Quantity and Distance Table (RCW 70.74.030). Storage of explosives otherwise is in violation of chapter 296-52 WAC and chapter 70.74 RCW and subjects the possessor to prosecution.

WAC 296-52-150: Storage of blasting caps with other explosives prohibited.

Blasting caps (detonators) must be stored in licensed, approved magazine.

11. APPLICANT SWEARS THAT THE FOLLOWING ARE TRUE:
- (a) We wish to purchase the explosives for the purpose as stated in Number 7;
 - (b) We will not sell, barter, give or dispose explosives to anyone in the State of Washington except to authorized employees for ultimate use (blasting);

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- (c) We will follow the rules of the Explosives Act and the Safety Codes of the State of Washington;
- (d) One or more of our officers or employees are experienced in the use of explosives;
- (e) We have suitable facilities for explosives and will store unused explosives in an approved magazine;
- (f) We have not been convicted of a crime involving moral turpitude;
- (g) We are not disloyal to the United States;
- (h) The statements made are true;
- (i) We will advise the department if any of the stated facts change;
- (j) Explosives will be received for us only by persons who are authorized by us, and who have positive identification; and
- (k) Individual or employee using explosives has a valid user's license issued by The Department of Labor and Industries, Explosives Section.

Signature of applicant or authorized agent:
 Title:
 Driver's License number (if individual):
 State: Date:
 The applicant is known to me personally, and the statements made are true to the best of my knowledge.

Signature of witness
 Date: Title: Phone:
 Address: Zip Code:

Please make \$2.00 check payable to Department of Labor and Industries and mail with application to:

Department of Labor & Industries
 Division of Industrial Safety & Health
 ((Chief Explosives Inspector))
 P.O. Box 207
 Olympia, Washington 98504

or to any one of the department district offices.

APPLICANT—DO NOT WRITE BELOW THIS LINE

Purchaser's license granted: Yes No
 If not granted, department shall state reasons:
 Signature: Title:
 License Number Issued Date Issued

AMENDATORY SECTION (Amending Order 70-4, filed 4/29/70)
WAC 296-52-9007 APPENDIX FIGURE 7—DEALER'S RECORD.

Appendix Figure-7

State of Washington
 DEPARTMENT OF LABOR AND INDUSTRIES
 Division of Industrial Safety and Health

DEALER'S RECORD

We transmit our monthly Dealer's Record of all explosives, bought and sold, in accordance with RCW 70.74.230 (Explosives Act), and WAC 296-52-270 (Explosives Code).

- 1. Name of firm:
 Individual Corporation Partnership
 Or
- 2. Mailing address:

3. Record of explosives purchased:

Date	Name of Vendor	Dealer's License No.	Amount & Kind
.....
.....
.....
.....

(Use additional sheets, if necessary)

4. Record of explosives sold:

Date	Name of Purchaser	Purchaser's License No.	Receiver's Name	Amount & Kind
.....
.....
.....
.....

(Use additional sheets, if necessary)

Signature: Title:
 Date:

Send this Dealer's Record not later than the tenth (10th) day of every month to:

Department of Labor & Industries
 Division of Safety
 ((Chief Explosives Inspector))
 P.O. Box 207
 Olympia, Washington 98501

In your correspondence, refer to Dealer's License No.

AMENDATORY SECTION (Amending Order 81-19, filed 7/27/81)

WAC 296-62-07107 PERMISSIBLE PRACTICE. (1) In the control of those occupational diseases caused by breathing air contaminated with harmful dusts, fumes, sprays, mists, fogs, smokes, vapors, or gases, the primary objective shall be to prevent atmospheric contamination. ((This shall be accomplished as far as feasible by accepted engineering control measures (for example, enclosure or confinement of the operation general and local ventilation, and substitution of less toxic materials:)) When effective engineering controls are not feasible, or while they are being instituted or evaluated, appropriate respirators shall be used pursuant to the following requirements.

(2) Employer responsibility.
 (a) Respirators shall be provided at no cost to an employee by the employer when such equipment is necessary to protect the health of the employee.

(b) The employer shall provide the respirators which are applicable and suitable for the purpose intended.

(c) The employer shall be responsible for the establishment and maintenance of a respiratory protection program which shall include the general requirements outlined in WAC 296-62-07109.

(3) Employee responsibility. The employee shall use the provided respiratory protection in accordance with instructions and training received. The employee shall notify a responsible person of any defect.

AMENDATORY SECTION (Amending Order 81-19, filed 7/27/81)

WAC 296-62-07109 MINIMAL ACCEPTABLE RESPIRATOR PROGRAM. (1) Standard operating procedures. Written standard operating procedures covering a complete respirator program shall be established and implemented in conformance with subsection (2) through (15) of this section.

(2) Program administration. Responsibility and authority for the respirator program shall be assigned to a single person. This program administrator shall have sufficient knowledge of respiratory protection to properly supervise the respirator program.

(3) Physiological and psychological limitations for respirator wearers. ((Persons shall not be assigned to tasks requiring use of respirators unless it has been determined that they are physically able to perform the work and use the equipment. A physician with sufficient knowledge of respiratory protection shall determine what health and physical conditions are pertinent.)) The respirator program administrator or his or her designee, using guidelines established by ((the)) a physician,

shall determine whether or not a person may be assigned to a task requiring the use of a respirator. Persons with physical disabilities such as but not limited to respiratory impairments, or claustrophobia when wearing a respirator, shall not be assigned to tasks requiring the use of respirators unless it has been determined by a physician that they are physically able to perform the work and use the equipment. ~~((The))~~ All respirator user's medical status should be reviewed periodically (for instance, annually).

(4) Approved or accepted respirators shall be used. Any modification that is not authorized by the approval agencies of an approved respirator voids the approval.

(5) Respirator selection. Respirators shall be selected on the basis of hazards to which the worker is exposed. (See WAC 296-62-07113)

(6) Training. Each worker required to wear a respirator shall be given training such that he or she is knowledgeable and proficient with respect to the respirator to be worn. Refresher training shall be given at least annually.

(7) Respirator fit. Each respirator wearer shall be fitted in accordance with WAC 296-62-07113. Each wearer of a respirator equipped with a facepiece shall check the seal of the respirator by appropriate means. This may be done by using procedures recommended by the respirator manufacturer.

(8) Facial hair, contact lenses, and eye and face protective devices. A negative pressure respirator, any self-contained breathing apparatus, or any respirator used in an atmosphere immediately dangerous to life or health (IDLH), equipped with a facepiece shall not be worn if facial hair comes between the sealing periphery of the facepiece and the face or if facial hair interferes with valve function. ~~((The wearer of a respirator equipped with a full facepiece, helmet, hood, or suit shall not be allowed to wear contact lenses.))~~ The wearer of a respirator shall not be allowed to wear contact lenses if the risk of eye damage is increased by their use. If a spectacle, goggle, face shield, or welding helmet must be worn with a facepiece, it shall be worn so as not to adversely affect the seal of the facepiece to the face. (See WAC 296-62-07115(3).)

(9) Issue of respirators. The proper type of respirator for each respiratory hazard shall be listed in the written standard operating procedures.

(10) Respirator inspection. The respirator shall be inspected by the wearer prior to its use to ensure that it is in proper working condition. Each respirator stored for emergency or rescue use shall be inspected at least once a month. (See WAC 296-62-07115 and 07117.)

(11) Monitoring respirator use. Supervisory personnel shall periodically monitor the use of respirators to ensure that they are worn properly. (See WAC 296-62-07115(7).)

(12) Evaluating respiratory hazard. Appropriate surveillance of work area conditions and degree of employee exposure or stress shall be maintained. (See WAC 296-62-07113(4) and 07115(8).)

(13) Medical and bioassay surveillance. When applicable, medical surveillance, including bioassay, shall be carried out to determine if respirator wearers are receiving adequate respiratory protection. A physician shall determine the requirements of the surveillance program.

(14) Respirator maintenance. Respirator maintenance shall be performed regularly. Maintenance shall be carried out on a schedule which ensures that each respirator wearer is provided with a respirator that is clean and in good operating condition. Maintenance shall include: (1) washing, sanitizing, rinsing, and drying, (2) inspection for defects, (3) replacement of worn or deteriorated parts, (4) repair if necessary, and (5) storage to protect against dust, sunlight, excessive heat, extreme cold, excessive moisture, damaging chemicals, and physical damage. (See WAC 296-62-07117.)

(15) Respirator program evaluation. An appraisal of the effectiveness of the respirator program shall be carried out at least annually. Action shall be taken to correct defects found in the program.

AMENDATORY SECTION (Amending Order 81-20, filed 7/27/81)

WAC 296-62-07501 AIRBORNE CONTAMINANTS. (1) Permissible exposure limits (PELs) refer to airborne concentrations of substances without regard to the use of respiratory protection and represent conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect. Because of wide variation in individual susceptibility, however, a small percentage of workers may experience discomfort from some substances at concentrations at or below the permissible limit, a smaller percentage may be affected more seriously by aggravation of a pre-existing condition or by development of an occupational illness.

(2) Permissible exposure limits refer to time-weighted concentrations for an eight-hour workday within a 40-hour workweek.

The time-weighted average exposure for an eight-hour work shift shall be computed as follows:

$$E = \frac{C_a T_a + C_b T_b + \dots + C_n T_n}{8}$$

where:

E is the equivalent exposure for the working shift.

C is the concentration during any period of time T where the concentration remains constant.

T is the duration in hours of the exposure at the concentration C.

The value of E shall not exceed the eight-hour time-weighted average limit in Table 1, 2 or 3 for the material involved.

(3) Methods of compliance:

(a) To achieve compliance with these standards, the employer shall determine and implement feasible administrative or engineering controls.

(b) When administrative or engineering controls are not feasible to achieve full compliance, they shall nonetheless be used to reduce exposures to the lowest levels achievable by these controls.

~~((c))~~ ~~Whenever full compliance cannot be achieved by the use of feasible administrative or engineering controls, approved respiratory protection shall be provided at no cost to the employee and shall be used in accordance with WAC 296-62-07115(3).)~~

~~((d))~~ Any control equipment or technical measure utilized for the purpose of complying with WAC 296-62-07501(3) must be approved for each particular use by a competent industrial hygienist or other technically qualified person.

~~((e))~~ (d) Upon request, the employer shall prepare and submit a written compliance plan to the director. This plan must include a description of the manner in which compliance will be achieved with respect to cited violations of WAC 296-62-07501(3), and shall include proposed abatement methods, anticipated completion dates, and provision for progress reports to be sent to the department.

(4) An employee's exposure to any substance in Table 1 and 3, the name of which is not preceded by a "C," shall not exceed the excursion level limit which is computed by multiplying the appropriate factor below times eight-hour time-weighted average for the substance in the applicable table.

PEL > 0-1	(ppm or mg/M ³), Excursion Factor = 3
PEL > 1-10	(ppm or mg/M ³), Excursion Factor = 2
PEL > 10-100	(ppm or mg/M ³), Excursion Factor = 1.5
PEL > 100-1,000	(ppm or mg/M ³), Excursion Factor = 1.25
PEL > 1,000	(ppm or mg/M ³), Excursion Factor = 1

(5) Permissible limits are based on the best available information from industrial experience, from experimental human and animal studies, and, when possible, from a combination of the three. The basis on which the values are established may differ from substance to substance; protection against impairment of health may be a guiding factor for some, whereas reasonable freedom from irritation, narcosis, nuisance or other forms of stress may form the basis for others.

(6) The limits based on physical irritation shall be considered no less binding than those based on physical impairment. There is increasing evidence that physical irritation may initiate, promote or accelerate physical impairment through interaction with other chemical or biological agents.

(7) In spite of the fact that serious injury is not believed likely as a result of exposure to the permissible limit concentrations, the best practice is to maintain concentrations of all atmospheric contaminants as low as is practical.

(8) These limits are intended for use in the practice of industrial hygiene and should be interpreted and applied only by a technically qualified person.

Reviser's Note: RCW 34.04.058 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

AMENDATORY SECTION (Amending Order 81-19, filed 7/27/81)

WAC 296-62-09011 OCCUPATIONAL NOISE EXPOSURE. (1) Workers shall be protected against the effects of exposure to noise which exceeds the permissible noise exposure shown in Table 7 of this section.

(2) Permissible exposure limits. These permissible exposure limits refer to sound pressure levels that represent conditions under which it is believed that nearly all workers may be repeatedly exposed without adverse effect on their ability to hear and understand normal speech. The medical profession has defined hearing impairment as an average hearing threshold level in excess of 25 decibels (ANSI S3.6-1969) at 500, 1000, and 2000 Hz, and the limits which are given have been established to prevent a hearing loss in excess of this value. These values shall be used as a standard in the control of noise exposure.

TABLE 7
Permissible Noise Exposures

Duration per day Hours	Sound Level dBA
16	85
8	90
6	92
4	95
3	97
2	100
1-1/2	102
1	105
3/4	107
1/2	110
1/4	115*

*Ceiling Value: No exposure in excess of 115 dBA.

(3) Continuous or intermittent. The sound level shall be measured with a sound level meter, conforming as a minimum to the requirements of the American National Standards Institute ANSI S1.4 1971 (R1976), Type 2, and set to an A-weighted slow meter response or with an audiodosimeter of equivalent accuracy and precision. The unit of measurement shall be decibels Re 20 micropascals A-weighted. Duration of exposure shall not exceed that shown in Table 7.

These values apply to total time of exposure per working day regardless of whether this is one continuous exposure or a number of short-term exposures but does not apply to impact or impulsive type of noises.

(4) Intermittent exposure. When the daily noise exposure is composed of two or more periods of noise exposure of different levels, their combined effect shall be considered, rather than the individual effect of each. If the sum of the following fractions:

$$\frac{C_1}{T_1} + \frac{C_2}{T_2} + \dots + \frac{C_n}{T_n}$$

exceeds unity, then, the mixed exposure shall be considered to exceed the permissible exposure limits, C₁ indicates the total time of exposure at a specified noise level, and T₁ indicates the total time of exposure permitted at that level. Noise exposures shall be established according to the criteria of Table 7.

(5) Impulsive or impact noise. Impulsive or impact noise shall be those variations in noise levels which involve maxima at intervals greater than one second. Where the intervals are less than (1) second, it shall be considered continuous. All impact and impulsive noise measurements should be made on the C-weighting network of a sound level meter in conjunction with an impact noise analyzer or oscilloscope. Exposure to impulsive or impact noise should not exceed 140 decibels peak sound pressure level (ceiling value).

(6) Methods of compliance. (a) When employees are subjected to sound levels exceeding those listed in Table 7, feasible administrative or engineering controls shall be utilized.

(b) Upon request, the employer shall prepare and submit a written compliance plan to the director. This plan must include a description of the manner in which compliance will be achieved with respect to cited violations of WAC 296-62-09011(6)(a) and shall include proposed abatement methods, anticipated completion dates, and provision for progress reports to the department.

(c) Personal hearing protective equipment shall be provided at no cost to the employee and shall be used whenever the sound levels prescribed in subsections (3), (4), or (5) of this section are exceeded.

~~((i) The employer shall assure that personal protective equipment is worn by each affected employee.~~

~~((ii) Insert type protectors, other than self-fitted malleable plugs, shall be individually fitted by a trained person.~~

~~(iii) Employees shall be instructed in the care and use of personal protective equipment.~~

~~(7) In all cases where the sound levels exceed the values shown in Table 7 of this section, it is recommended that workmen whose duties may subject them to these potentially harmful noise levels be provided with an audiometric examination at the time of employment and at reasonable intervals thereafter not exceeding an 18-month period.~~

~~(8) Workmen employed in areas where the sound level is above the level deemed to be safe should cooperate in an audiometric testing program. Workmen shall be informed of the test results by an authorized person.))~~

NEW SECTION

WAC 296-62-09015 HEARING CONSERVATION. The employer shall administer a continuing effective hearing conservation program, as described in WAC 296-62-09015 through 296-62-09061 whenever employee noise exposures equal or exceed an eight-hour time-weighted average (TWA) sound level of 85 decibels (dB) measured on the A-scale slow response, or equivalently, a noise dose of fifty percent. For purposes of the hearing conservation program, employee noise exposures shall be computed in accordance with WAC 296-62-09049 and Table I, and without regard to any attenuation provided by the use of personal protective equipment.

NEW SECTION

WAC 296-62-09017 INITIAL DETERMINATION. Each employer shall determine if any employee's exposure may equal or exceed an eight-hour time-weighted average of 85 dBA. This determination may be based on information, observations, or calculations which indicate that employee noise exposures may be at or above that level.

NEW SECTION

WAC 296-62-09019 MONITORING. (1) When information indicates that any employee's exposure may equal or exceed an eight-hour time-weighted average of 85 dBA, the employer shall obtain individual or representative exposure measurements for all employees who may be exposed at or above that level.

(2) Whenever an employer assumes that affected employees are in noncompliance with the time-weighted average criterion of 85 dBA and implements the hearing conservation requirements of WAC 296-62-09015 through 296-62-09061, the monitoring requirements of subsection (1) of this section shall be waived.

NEW SECTION

WAC 296-62-09021 EMPLOYEE NOTIFICATION. Each employee should be notified of that employee's measured exposure or the representative exposure that is attributed to that employee.

NEW SECTION

WAC 296-62-09023 METHOD OF MEASUREMENT. (1) All employee exposure measurements required by WAC 296-62-09019 shall be obtained by the use of noise dosimeters which comply with the provisions of subdivision (1)(a) of this section or sound level meters which comply with the provisions of subdivision (1)(b) of this section.

(a) Dosimeters. Dosimeters shall meet the Class 2A-90/85-5 requirements of the American National Standard Specification for Personal Noise Dosimeters, S1.25-1978.

(b) Sound level meters. Sound level meters shall meet the Type 2 requirements of the American National Standard Specification for Sound Level Meters, S1.4-1971 (R1976).

NEW SECTION

WAC 296-62-09025 CALIBRATION OF MONITORING EQUIPMENT. Dosimeters and sound level meters used to monitor employee noise exposure shall be calibrated.

NEW SECTION

WAC 296-62-09027 OBSERVATION OF MONITORING. The employer shall provide affected employees or their representatives with an opportunity to observe any measurements of employee noise exposure which are conducted pursuant to WAC 296-62-09019.

NEW SECTION**WAC 296-62-09029 AUDIOMETRIC TESTING PROGRAM.**

(1) The employer shall establish and maintain an audiometric testing program as provided in this section by making audiometric testing available to all employees whose exposures equal or exceed an eight-hour time-weighted average of 85 dBA.

(2) The program shall be provided at no cost to employees.

(3) Audiometric tests shall be performed by a licensed or certified audiologist, otolaryngologist, or other qualified physician, or by a technician who is certified by the Council of Accreditation in Occupational Hearing Conservation, or who has satisfactorily demonstrated competence in administering audiometric examinations, obtaining valid audiograms, and properly using, maintaining and calibrating audiometers. A technician who performs audiometric tests must be responsible to an audiologist, otolaryngologist or qualified physician.

(4) All audiograms obtained pursuant to this section shall meet the requirements of WAC 296-62-09051, Appendix B: Audiometric Measuring Instruments.

(5) Baseline audiogram.

(a) Prior to or within one hundred twenty days after an employee's first exposure to noise at or above a time-weighted average of 85 dBA, the employer shall establish for each employee so exposed a valid baseline audiogram against which subsequent audiograms can be compared.

(b) Testing to establish a baseline audiogram shall be preceded by at least fourteen hours without exposure to workplace noise.

(i) Hearing protectors may be used as a substitute for the requirement that baseline audiograms be preceded by fourteen hours without exposure to workplace noise.

(ii) The employer should notify employees of the need to avoid high levels of nonoccupational noise exposure during this fourteen-hour period.

(6) Annual audiogram.

(a) At least annually after obtaining the baseline audiogram, the employer shall obtain a new audiogram for each employee exposed at or above a time-weighted average of 85 dBA.

(b) Annual audiometric testing may be conducted at any time during the workshift.

(7) Evaluation of audiogram.

(a) Each employee's annual audiogram shall be compared to that employee's baseline audiogram to determine if the audiogram is valid and if a significant threshold shift, as defined in subsection (9) of this section, has occurred.

(b) An audiologist, otolaryngologist or qualified physician shall review the audiograms to determine whether there is need for further evaluation. The employer shall provide to the person performing this evaluation the following information:

(i) A copy of the requirements for hearing conservation as set forth in WAC 296-62-09015 through 296-62-09061;

(ii) The baseline audiogram and most recent audiogram of the employee to be evaluated;

(iii) Measurements of background sound pressure levels in the audiometric test room as required in WAC 296-62-09053, Appendix C: Audiometric Test Rooms; and

(iv) Records of audiometer calibrations required by WAC 296-62-09031(5).

(c) If the comparison indicates a significant threshold shift, as defined in subsection (9) of this section, the employee shall be re-tested within thirty days to determine if the shift is permanent.

(8) Follow-up procedures. If a comparison of the annual audiogram to the baseline audiogram indicates a significant threshold shift, as defined in subsection (9) of this section, the employer shall ensure that the following steps are taken:

(a) Employees not using hearing protectors shall be fitted with hearing protectors, trained in their use and care, and required to use them.

(b) Employees already using hearing protectors shall be refitted and retrained in the use of hearing protectors and provided with hearing protectors offering greater attenuation if necessary.

(c) Inform the employee in writing, within twenty-one days of the determination, of the existence of a significant threshold shift;

(d) Refer the employee for a clinical audiological evaluation or an otological examination, as appropriate, if additional testing is necessary or if the employer suspects that a medical pathology of the ear (as defined in WAC 296-62-09061, Appendix G) is caused or aggravated by the wearing of hearing protectors; and

(e) Inform the employee of the need for an otological examination if a medical pathology of the ear which is unrelated to the use of hearing protectors is suspected.

(9) Significant threshold shift. As used in this section, a significant threshold shift is:

(a) For those employees having a baseline audiogram showing not more than 25 dB (ANSI S3.6-1969) hearing level at any test frequency, either ear, a significant threshold shift relative to the baseline audiogram shall be defined as a shift of 20 dB or more at any test frequency, either ear.

(b) For those employees having a baseline audiogram showing hearing levels that are in excess of 25 dB (ANSI S3.6-1969) at one or more test frequencies, either ear, a significant threshold shift, relative to the baseline audiogram, shall be defined as 10 dB or more at 500, 1000, or 2000 Hz; or 20 dB or more at 4000 or 6000 Hz, either ear.

NEW SECTION**WAC 296-62-09031 AUDIOMETRIC TEST REQUIREMENTS.**

(1) Audiometric tests shall be pure tone, air conduction, hearing threshold examinations, with test frequencies including as a minimum 500, 1000, 2000, 3000, 4000, and 6000 Hz. Tests at each frequency shall be taken separately for each ear.

(2) Audiometric tests shall be conducted with equipment that meets the specifications of, and is maintained and used in accordance with, American National Standard Specification for Audiometers, S3.6-1969.

(3) Pulsed-tone and self-recording audiometers, if used, shall meet the requirements specified in WAC 296-62-09051, Appendix B: Audiometric Measuring Instruments.

(4) Audiometric examinations shall be administered in a room meeting the requirements listed in WAC 296-62-09053, Appendix C: Audiometric Test Rooms.

(5) Audiometer calibration.

(a) The functional operation of the audiometer shall be checked before each day's use by testing a person with known, stable hearing thresholds, and by listening to the audiometer's output to make sure that the output is free from distorted or unwanted sounds. Deviations of more than 5 dB shall require an acoustic calibration.

(b) Audiometer calibration shall be checked acoustically at least annually in accordance with WAC 296-62-09055, Appendix D: Acoustic Calibration of Audiometers. Test frequencies below 500 Hz and above 6000 Hz may be omitted from this check. Deviations of more than 10 dB necessitate and exhaustive calibration.

(c) An exhaustive calibration shall be performed at least every two years in accordance with sections 4.1.2; 4.1.3; 4.1.4.3; 4.4.1; 4.4.2; 4.4.3; and 4.5 of the American National Standard Specification for Audiometers, S3.6-1969. Test frequencies below 500 Hz and above 6000 Hz may be omitted from the calibration.

NEW SECTION**WAC 296-62-09033 HEARING PROTECTORS.**

(1) Employers shall make hearing protectors available to all employees exposed to a time-weighted average of 85 dBA or greater at no cost to the employees. Hearing protectors shall be replaced as necessary.

(2) Employers shall ensure that hearing protectors are worn by all employees:

(a) Who are exposed to a time-weighted average of 85 dBA or greater and who have experienced a permanent significant threshold shift; or

(b) Who are required by WAC 296-62-09011(6)(c) to wear personal protective equipment.

(3) Employees shall be given the opportunity to select their hearing protectors from a variety of suitable hearing protectors provided by the employer.

(4) The employer shall provide training in the use and care of all hearing protectors provided to employees.

(5) The employer shall ensure proper initial fitting and supervise the correct use of all hearing protectors.

NEW SECTION**WAC 296-62-09035 HEARING PROTECTOR ATTENUATION.**

(1) The employer shall evaluate hearing protector attenuation for the specific noise environments in which the protector will be used by one of the methods described in WAC 296-62-09057, Appendix E:

Methods for Estimating the Adequacy of Hearing Protector Attenuation.

(2) Hearing protectors must attenuate employee exposure to at least to a time-weighted average of 90 decibels as required by WAC 296-62-09011(6)(c).

(3) For employees who have experienced a significant threshold shift, hearing protectors must attenuate employee exposures to a time-weighted average of 85 dBA or below.

(4) The adequacy of hearing protector attenuation shall be re-evaluated whenever employee noise exposures increase to the extent that the hearing protectors provided may no longer provide adequate attenuation. The employer shall provide more effective hearing protectors where necessary.

NEW SECTION

WAC 296-62-09037 TRAINING PROGRAM. (1) The employer shall institute a training program for all employees who are exposed to noise at or above a TWA of 85 dBA, and shall ensure employee participation in such program.

(2) The training program shall be repeated annually for each employee included in the hearing conservation program. Information provided in the training program shall be updated to be consistent with changes in protective equipment and work processes.

(3) The employer shall ensure that each employee is informed of the following:

- (a) The effects of noise on hearing;
- (b) The purpose of hearing protectors, the advantages, disadvantages, and attenuation of various types, and instructions on selection, fitting, use, and care; and
- (c) The purpose of audiometric testing, and an explanation of the test procedures.

NEW SECTION

WAC 296-62-09039 ACCESS TO INFORMATION AND TRAINING MATERIALS. (1) The employer shall make available to affected employees or their representatives copies of this standard and shall also post a copy in the workplace.

(2) The employer shall provide to affected employees any informational materials pertaining to this standard that are supplied to the employer by the director.

(3) The employer shall provide, upon request, all materials related to the employer's training and education program pertaining to this standard to the director.

NEW SECTION

WAC 296-62-09041 WARNING SIGNS. (1) Signs should be posted at entrances to or on the periphery of all well-defined work areas in which employees may be exposed at or above a TWA of 85 dBA.

(2) Warning signs should clearly indicate that the area is a high noise area and should indicate that hearing protectors may be required.

NEW SECTION

WAC 296-62-09043 RECORDKEEPING. (1) Exposure measurements. The employer shall maintain an accurate record of all employee exposure measurements required by this section.

- (2) Audiometric tests.
 - (a) The employer shall retain all employee audiograms obtained pursuant to WAC 296-62-09029.
 - (b) This record shall include:
 - (i) Name and job classification of the employer;
 - (ii) Date of the audiogram;
 - (iii) The examiner's name;
 - (iv) Date of the last acoustic or exhaustive calibration of the audiometer; and
 - (v) Employee's most recent noise exposure assessment.

(3) Audiometric test rooms. The employer shall maintain accurate records of the measurements of the background sound pressure levels in audiometric test rooms.

(4) Record retention. The employer shall retain records required in this section for at least the following periods:

- (a) Noise exposure measurement records shall be retained for two years.

(b) Audiometric test records shall be retained for the duration of the affected employee's employment.

(5) Access to records. All records required by this section shall be provided upon request to employees, former employees, representatives designated by the individual employee and the director. The provisions of WAC 296-62-05201 through 296-62-05209 and 296-62-05213 through 296-62-05217 apply to access to records under this section.

(6) Transfer of records. If the employer ceases to do business, the employer shall transfer to the successor employer all records required to be maintained by this section, and the successor employer shall retain them for the remainder of the period prescribed in WAC 296-62-09043(5).

NEW SECTION

WAC 296-62-09045 APPENDICES. (1) WAC 296-62-09049, 296-62-09051, 296-62-09053, 296-62-09055, 296-62-09057 and 296-62-09061. Appendices A, B, C, D, E, and G are incorporated as part of this section and the contents of these appendices are mandatory.

(2) WAC 296-62-09059, Appendix F, is informational and is not intended to create any additional obligations not otherwise imposed or to detract from any existing obligations.

NEW SECTION

WAC 296-62-09047 EFFECTIVE DATES. (1) WAC 296-62-09015 through 296-62-09061 shall become effective thirty days after filing with the Code Reviser, unless otherwise noted below.

(2) Monitoring conducted pursuant to WAC 296-62-09019 shall be completed no later than one hundred eighty days from the effective date of the standard.

(3) Baseline audiograms required by WAC 296-62-09029 shall be completed no later than one year from the effective date of this standard.

NEW SECTION

WAC 296-62-09049 APPENDIX A: NOISE EXPOSURE COMPUTATION. (1) Computation of employee noise exposure.

(a) Noise dose is computed using Table I as follows:

(i) When the sound level, L, is constant over the entire work shift, the noise dose, D, in percent, is given by: $D=100C/T$ where C is the total length of the work day, in hours, and T is the reference duration corresponding to the measured sound level, L, as given in Table I or by the formula shown as a footnote to that table.

(ii) When the workshift noise exposure is composed of two or more periods of noise at different levels, the total noise dose over the work day is given by: $D=100(C_1/T_1+C_2/T_2+...+C_n/T_n)$, where C_n indicates the total time of exposure at a specific noise level, and T_n indicates the reference duration for that level as given by Table I.

(b) The 8-hour time-weighted average sound level (TWA), in decibels, may be computed from the dose, in percent, by means of the formula: $TWA = 16.61 \log_{10}(D/100)+90$. For an 8-hour workshift with the noise level constant over the entire shift, the TWA is equal to the measured sound level.

(c) A table relating dose and TWA is given in Subsection (2).

TABLE I

A-weighted sound level, L (decibel)	Reference duration, T (hour)
80	32
81	27.9
82	24.3
83	21.1
84	18.4
85	16
86	13.9
87	12.1
88	10.6
89	9.2
90	8
91	7.0
92	6.2
93	5.3
94	4.6
95	4
96	3.5

97	3.0	82	88.6
98	2.6	83	88.7
99	2.3	84	88.7
100	2	85	88.8
101	1.7	86	88.9
102	1.5	87	89.0
103	1.4	88	89.1
104	1.3	89	89.2
105	1	90	89.2
106	0.87	91	89.3
107	0.76	92	89.4
108	0.66	93	89.5
109	0.57	94	89.6
110	0.5	95	89.6
111	0.44	96	89.7
112	0.38	97	89.8
113	0.33	98	89.9
114	0.29	99	89.9
115	0.25	100	90.0
116	0.22	101	90.1
117	0.19	102	90.1
118	0.16	103	90.2
119	0.14	104	90.3
120	0.125	105	90.4
121	0.11	106	90.4
122	0.095	107	90.5
123	0.082	108	90.6
124	0.072	109	90.6
125	0.063	110	90.7
126	0.054	111	90.8
127	0.047	112	90.8
128	0.041	113	90.9
129	0.036	114	90.9
130	0.031	115	91.1
		116	91.1
		117	91.1
		118	91.2
		119	91.3
		120	91.3
		125	91.6
		130	91.9
		135	92.2
		140	92.4
		145	92.7
		150	92.9
		155	93.2
		160	93.4
		165	93.6
		170	93.8
		175	94.0
		180	94.2
		185	94.4
		190	94.6
		195	94.8
		200	95.0
		210	95.4
		220	95.7
		230	96.0
		240	96.3
		250	96.6
		260	96.9
		270	97.2
		280	97.4
		290	97.7
		300	97.9
		310	98.2
		320	98.4
		330	98.6
		340	98.8
		350	99.0
		360	99.2
		370	99.4
		380	99.6
		390	99.8
		400	100.0
		410	100.2
		420	100.4
		430	100.5
		440	100.7
		450	100.8
		460	101.0
		470	101.2
		480	101.3
		490	101.5
		500	101.6
		510	101.8
		520	101.9
		530	102.0
		540	102.2

In the above table the reference duration T, is computed by

$$T = \frac{8}{2(L-90)/5}$$

where L is the measured A-weighted sound level.

(2) Conversion between "dose" and "8-hour time-weighted average" sound level.

(a) Compliance with WAC 296-62-09015 through 296-62-09063 is determined by the amount of exposure to noise in the workplace. The amount of such exposure is usually measured with an audiodosimeter which gives a readout in terms of "dose." In order to better understand the requirements of these standards, dosimeter readings can be converted to an "8-hour time-weighted average (TWA) sound level."

(b) In order to convert the reading of a dosimeter into TWA, see Table A-1. This table applies to dosimeters that are set by the manufacturer to calculate dose or percent exposure according to the relationships in Table I. So, for example, a dose of 91 percent over an 8-hour day results in a TWA of 89.3 dBA, and a dose of 50 percent corresponds to a TWA of 85 dBA.

(c) If the dose as read on the dosimeter is less than or greater than the values found in Table A-1, the TWA may be calculated by using the formula: $TWA = 16.61 \log_{10} (D/100) + 90$ where TWA = 8-hour time-weighted average sound level and D= accumulated dose in percent exposure.

Table A-1 - Conversion From "Percent Noise Exposure" or "Dose" to "8-Hour Time-Weighted Average Sound Level" (TWA)

Dose or percent noise exposure	TWA (dBA)
10	73.4
15	76.3
20	78.4
25	80.0
30	81.3
35	82.4
40	83.4
45	84.2
50	85.0
55	85.7
60	86.3
65	86.9
70	87.4
75	87.9
80	88.4
81	88.5

550	102.3
560	102.4
570	102.6
580	102.7
590	102.8
600	102.9
610	103.0
620	103.2
630	103.3
640	103.4
650	103.5
660	103.6
670	103.7
680	103.8
690	103.9
700	104.0
710	104.1
720	104.2
730	104.3
740	104.4
750	104.5
760	104.6
770	104.7
780	104.8
790	104.9
800	105.0
810	105.1
820	105.2
830	105.3
840	105.4
850	105.4
860	105.5
870	105.6
880	105.7
890	105.8
900	105.8
910	105.9
920	106.0
930	106.1
940	106.2
950	106.2
960	106.3
970	106.4
980	106.5
990	106.5
999	106.6

NEW SECTION

WAC 296-62-09051 APPENDIX B: AUDIOMETRIC MEASURING INSTRUMENTS. (1) In the event that pulsed-tone audiometers are used, they shall have a tone on-time of at least 200 milliseconds.

(2) Self-recording audiometers shall comply with the following requirements:

(a) The chart upon which the audiogram is traced shall have lines at positions corresponding to all multiples of 10 dB hearing level within the intensity range spanned by the audiometer. The lines shall be equally spaced and shall be separated by at least 1/4 inch. Additional increments are optional. The audiogram pen tracings shall not exceed 2 dB in width.

(b) It shall be possible to set the stylus manually at the 10-dB increment lines for calibration purposes.

(c) The slewing rate for the audiometer attenuator shall not be more than 6 dB/sec except that an initial slewing rate greater than 6 dB/sec is permitted at the beginning of each new test frequency, but only until the second subject response.

(d) The audiometer shall remain at each required test frequency for 30 seconds (+3 seconds). The audiogram shall be clearly marked at each change of frequency and the actual frequency change of the audiometer shall not deviate from the frequency boundaries marked on the audiogram by more than +3 seconds.

(e) It must be possible at each test frequency to place a horizontal line segment parallel to the time axis on the audiogram, such that the audiometric tracing crosses the line segment at least six times at that test frequency. At each test frequency the threshold shall be the average of the midpoints of the tracing excursions.

NEW SECTION

WAC 296-62-09053 APPENDIX C: AUDIOMETRIC TEST ROOMS. Rooms used for audiometric testing shall not have background sound pressure levels exceeding those in Table C-1 when measured by equipment conforming at least to the Type 2 requirements of American National Standard Specification for Sound Level Meters, S1.4-1971 (R1976), and to the Class II requirements of American National Standard Specification for Octave, Half-Octave, and Third-Octave Band Filter Sets, S1.11-1971 (R1976).

TABLE C-1 - Maximum Allowable Octave-Band Sound Pressure Levels for Audiometric Test Rooms.

Octave-band center frequency (Hz).....	500	1000	2000	4000	8000
Sound pressure level (dB).....	40	40	47	57	62

NEW SECTION

WAC 296-62-09055 APPENDIX D: ACOUSTIC CALIBRATION OF AUDIOMETERS. Audiometer calibration shall be checked acoustically, at least annually, according to the procedures described in this Appendix. The equipment necessary to perform these measurements is a sound level meter, octave-band filter set, and a National Bureau of Standards 9A coupler. In making these measurements, the accuracy of the calibrating equipment shall be sufficient to determine that the audiometer is within the tolerance permitted by American National Standard Specification for Audiometers, S3.6-1969.

(1) Sound pressure output check.

(a) Place the earphone coupler over the microphone of the sound level meter and place the earphone on the coupler.

(b) Set the audiometer's hearing threshold level (HTL) dial to 70 dB.

(c) Measure the sound pressure level of the tones at each test frequency from 500 Hz through 6000 Hz for each earphone.

(d) At each frequency the readout on the sound level meter should correspond to the levels in Table E-1 or Table E-2, as appropriate, for the type of earphone, in the column entitled "sound level meter reading."

(2) Linearity check.

(a) With the earphone in place, set the frequency to 1000 Hz and the HTL dial on the audiometer to 70 dB.

(b) Measure the sound levels in the coupler at each 10-dB decrement from 70 dB to 10 dB, noting the sound level meter reading at each setting.

(c) For each 10-dB decrement on the audiometer the sound level meter should indicate a corresponding 10 dB decrease.

(d) This measurement may be made electrically with a voltmeter connected to the earphone terminals.

(3) Tolerances.

When any of the measured sound levels deviate from the levels in Table D-1 or Table D-2 by + 3 dB at any test frequency between 500 and 3000 Hz, 4 dB at 4000 Hz, or 5 dB at 6000 Hz, an exhaustive calibration is advised. An exhaustive calibration is required if the deviations are greater than 10 dB at any test frequency.

Table D-1 - Reference Threshold Levels for Telephonics - TDH-39 Earphones

Frequency, Hz	Reference threshold level for TDH-49 earphones, dB	Sound level meter reading, dB
500.....	11.5	81.5
1000.....	7	77
2000.....	9	79
3000.....	10	80
4000.....	9.5	79.5
6000.....	15.5	85.5

TABLE D-2 - Reference Threshold Levels for Telephonics - TDH-49 Earphones

Frequency, Hz	Reference threshold level for TDH-49 earphones, dB	Sound level meter reading, dB
500.....	13.5	83.5
1000.....	7.5	77.5
2000.....	11	81.0
3000.....	9.5	79.5
4000.....	10.5	80.5
6000.....	13.5	83.5

NEW SECTION

WAC 296-62-09057 APPENDIX E: METHODS FOR ESTIMATING THE ADEQUACY OF HEARING PROTECTOR ATTENUATION. (1) For employees who have experienced a significant threshold shift, hearing protector attenuation must be sufficient to reduce employee exposure to a TWA of 85 dBA. Employers must select one of the following methods by which to estimate the adequacy of hearing protector attenuation.

(2) The most convenient method is the Noise Reduction Rating (NRR) developed by the Environmental Protection Agency (EPA). According to EPA regulation, the NRR must be shown on the hearing protector package. The NRR is then related to an individual worker's noise environment in order to assess the adequacy of the attenuation of a given hearing protector. This Appendix describes four methods of using the NRR to determine whether a particular hearing protector provides adequate protection within a given exposure environment. Selection among the four procedures is dependent upon the employer's noise measuring instruments.

(3) Instead of using the NRR, employers may evaluate the adequacy of hearing protector attenuation by using one of the three methods developed by the National Institute for Occupational Safety and Health (NIOSH), which are described in the "List of Personal Hearing Protectors and Attenuation Data," HEW Publication No. 76-120, 1975, pages 21-37. These methods are known as NIOSH methods No. 1, No. 2 and No. 3. The NRR described below is a simplification of NIOSH method No. 2. The most complex method is NIOSH method No. 1, which is probably the most accurate method since it uses the largest amount of spectral information from the individual employee's noise environment. As in the case of the NRR method described below, if one of the NIOSH methods is used, the selected method must be applied to an individual's noise environment to assess the adequacy of the attenuation. Employers should be careful to take a sufficient number of measurements in order to achieve a representative sample for each time segment.

Note.-The employer must remember that calculated attenuation values reflect realistic values only to the extent that the protectors are properly fitted and worn.

(4) When using the NRR to assess hearing protector adequacy, one of the following methods must be used:

(a) When using a dosimeter that is capable of C-weighted measurements:

(i) Obtain the employee's C-weighted dose for the entire workshift, and convert to TWA (see WAC 296-62-09049(2)).

(ii) Subtract the NRR from the C-weighted TWA to obtain the estimated A-weighted TWA under the ear protector.

(b) When using a dosimeter that is not capable of C-weighted measurements, the following method may be used:

(i) Convert the A-weighted dose to TWA (see WAC 296-62-09049).

(ii) Subtract 7 dB from the NRR.

(iii) Subtract the remainder from the A-weighted TWA to obtain the estimated A-weighted TWA under the ear protector.

(c) When using a sound level meter set to the A-weighting network: Subtract 7 dB from the NRR, and subtract the remainder from the A-weighted TWA to obtain the estimated A-weighted TWA under the ear protector.

(d) When using a sound level meter set on the C-weighting network: (i) Obtain a representative sample of the C-weighted sound levels in the employee's environment.

(ii) Subtract the NRR from the C-weighted average sound level to obtain the estimated A-weighted TWA under the ear protector.

NEW SECTION

WAC 296-62-09059 APPENDIX F: AVAILABILITY OF REFERENCED DOCUMENTS. WAC 296-62-09015 through 296-62-09061 contain provisions which incorporate publications by reference. Generally, the publications provide criteria for instruments to be used in monitoring and audiometric testing. It should be noted that WISHA does not require that employers purchase a copy of the referenced publications. Employers, however, may desire to obtain a copy of the referenced publications for their own information. The designation of the section of the standard in which the referenced publications appear, the titles of the publications, and the availability of the publications are as follows:

Section designation	Reference publication	Available from-
WAC 296-62-09023(1)(a)	Specification for Personal Noise Dosimeters ANSI S1.25-1978, (ASA 25-1978).	Back Numbers Department, Dept. STD, American Institute of Physics 333 E. 45th St., New York, NY 10017, American National Standards Institute, Inc., 1430 Broadway, New York, N.Y. 10018.
WAC 296-62-09023(1)(b)	Specification for Sound Level Meters," S1.4-1971(R 1976).	American National Standards Institute, Inc., 1430 Broadway, New York, NY 10018.
WAC 296-62-09031 and WAC 296-62-09055 Appendix D	"Specifications for Audiometers." S3.6-1969.	American National Standards Institute, Inc., 1430 Broadway, New York, NY 10018.
WAC 296-62-09053... Appendix C	"Specification for Octave, Half-Octave and Third-Octave Band Filter Sets," S1.11-1971 (R1976).	Back Numbers Department, Dept. STD, American Institute of Physics 333 E. 45th St., New York, NY 10017; American National Standards Institute, Inc., 1430 Broadway New York, NY 10018.
WAC 296-62-09059... Appendix F	"List of Personal Hearing Protectors and Attenuation Data." HEW Pub. No. 76-120, 1975.	Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402

The referenced publications (or a microfiche of the publications) are available for review at many universities and public libraries throughout the state.

NEW SECTION

WAC 296-62-09061 APPENDIX G: DEFINITIONS. These definitions apply to the following terms as used in WAC 296-62-09015 through 296-62-09061.

(1) Audiogram - A chart, graph, or table resulting from an audiometric test showing an individual's hearing threshold levels as a function of frequency.

(2) Audiologist - A professional, specializing in the study and habilitation of hearing, who is certified by the American Speech, Hearing, and Language Association or licensed by a state board of examiners.

(3) Baseline audiogram - The audiogram against which future audiograms are compared.

(4) Crest factor - Absolute value of the ratio of the peak value and the root-mean-square value measured over a specified time interval where both values are measured in reference to the arithmetic mean value of the wave.

(5) Criterion sound level - A sound level of 90 decibels.

(6) Decibel (dB) - Unit of measurement of sound level.

(7) Hertz (Hz) - Unit of measurement of frequency, numerically equal to cycles per second.

(8) Medical pathology – A disorder or disease. For purposes of this regulation, a condition or disease affecting the ear, which should be treated by a physician specialist.

(9) Noise dose – The ratio, expressed as a percentage, of (1) the time integral, over a stated time or event, of the 0.6 power of the measured SLOW exponential time-averaged, squared A-weighted sound pressure and (2) the product of the criterion duration (8 hours) and the 0.6 power of the squared sound pressure corresponding to the criterion sound level (90 dB).

(10) Noise dosimeter – An instrument that integrates a function of sound pressure over a period of time in such a manner that it directly indicates a noise dose.

(11) Otolaryngologist – A physician specializing in diagnosis and treatment of disorders of the ear, nose and throat.

(12) Representative exposure – Measurements of an employee's noise dose or 8-hour time-weighted average sound level that the employer deems to be representative of the exposure of other employees in the workplace.

(13) Sound level – Ten times the common logarithm of the ratio of the square of the measured A-weighted sound pressure to the square of the standard reference pressure of 20 micropascals. Unit: decibels (dB). For use with this regulation, SLOW time response, in accordance with ANSI S1.4-1971 (R1976), is required.

(14) Sound level meter – An instrument for the measurement of sound level.

(15) Time-weighted average sound level – That sound level, which if constant over an 8-hour exposure, would result in the same noise dose as if measured.

Reviser's Note: Errors of punctuation or spelling in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

AMENDATORY SECTION (Amending Order 73-3, filed 5/7/73)

WAC 296-62-14525 ENTRY INTO CONFINED SPACE. After initial cleaning, vapor freeing, and evaluation of the atmosphere, the confined space may be entered to complete cleaning, repair or other work.

(1) Respiratory protective equipment shall be used when indicated.

(2) An observer capable of maintaining communication at all times shall be located outside the ((tank)) confined space. He shall have respiratory protection available when indicated.

(3) If the possibility of a highly toxic or flammable atmosphere, or oxygen deficiency exists or can develop, workers shall wear safety harness with lifeline attached and a means of rescue shall be provided.

(4) Fire extinguishing equipment shall be immediately available when indicated.

(5) Ventilation shall be maintained at all times when employees are in confined spaces except when the atmosphere has been purposely inerted to provide safer working conditions. All work shall stop and the area shall be evacuated if ventilation fails.

(6) All tools and equipment shall be available as required.

(7) Emergency lighting shall be available as required.

(8) The area shall be evacuated if any indication of ill effects such as dizziness, irritation or excessive odors are noted.

AMENDATORY SECTION (Amending Order 81-20, filed 7/27/81)

WAC 296-62-14533 COTTON DUST. (1) Scope and application.

(a) This section applies to the control of employee exposure to cotton dust in all workplaces, except as provided in subsection (1)(b) of this section.

(b) This section does not apply to:

(i) The harvesting of cotton;

(ii) The ginning of cotton (exposure to cotton dust in cotton ginning is covered by WAC 296-62-14531);

(iii) Maritime operations are covered by chapters 296-56 and 296-304 WAC;

(iv) The handling or processing of woven or knitted materials; and

(v) The handling or processing of washed cotton.

(c) This section provides mandatory requirements for the control of employee exposure to cotton dust. The mandatory nature of these requirements is not intended, however, to discourage or inhibit the development of different, equally effective means of providing the required protection. The variance and procedure section, WAC 296-24-010, provides a mechanism for employers to obtain variances from the provisions of this section where the employer has developed alternative procedures which are "as safe and healthful as" those required by this section. As implemented by the procedural regulations in WAC 296-24-010, the variance provisions permit the flexibility which contributes to efficient compliance with the standard. To aid in the expeditious processing of variance applications, the procedures allow, where appropriate, for the grant of interim orders pending a decision on the merits of the variance as well as for the consideration of variances applicable to groups of employers. We encourage interested employers to utilize the variance provisions where equally safe and healthful protective means are available.

(2) Definitions applicable to this section:

(a) "Blow down" – the cleaning of equipment and surfaces with compressed air.

(b) "Cotton dust" – dust present in the air during the handling or processing of cotton, which may contain a mixture of many substances including ground-up plant matter, fiber, bacteria, fungi, soil, pesticides, noncotton plant matter and other contaminants which may have accumulated with the cotton during the growing, harvesting and subsequent processing or storage periods. Any dust present during the handling and processing of cotton through the weaving or knitting of fabrics, and dust present in other operations or manufacturing processes using new or waste cotton fibers or cotton fiber byproducts from textile mills are considered cotton dust.

(c) "Director" – the director of labor and industries or his authorized representative.

(d) "Lint-free respirable cotton dust" – particles of cotton dust of approximately 15 microns or less aerodynamic equivalent diameter.

(e) "Vertical elutriator cotton dust sampler" – a dust sampler which has a particle size cut-off at approximately 15 microns aerodynamic equivalent diameter when operating at the flow rate of 7.4 ± 0.2 liters per minute.

(f) "Yarn manufacturing" – all textile mill operations from opening to, but not including, slashing and weaving.

(g) "Washed cotton" – cotton which has been thoroughly washed in hot water and is known in the cotton textile trade as purified or dyed. Washed cotton does not include steamed, autoclaved cotton or cotton washed solely in solvents.

(3) Permissible exposure limits.

(a) The employer shall assure that no employee who is exposed to cotton dust in yarn manufacturing is exposed to airborne concentrations of lint-free respirable cotton dust greater than $200 \mu\text{g}/\text{m}^3$ mean concentration, averaged over an eight-hour period, as measured by a vertical elutriator or a method of equivalent accuracy and precision.

(b) The employer shall assure that no employee who is exposed to cotton dust in the textile processes known as slashing and weaving is exposed to airborne concentrations of lint-free respirable cotton dust greater than $750 \mu\text{g}/\text{m}^3$ mean concentration, averaged over an eight-hour period, as measured by a vertical elutriator or a method of equivalent accuracy and precision.

(c) The employer shall assure that no employee who is exposed to cotton dust (except for exposures in yarn manufacturing and slashing and weaving covered by subsection (3)(a) and (b) of this section) is exposed to airborne concentrations of lint-free respirable cotton dust greater than $500 \mu\text{g}/\text{m}^3$ mean concentration, averaged over an eight-hour period, as measured by a vertical elutriator or a method of equivalent accuracy and precision.

(4) Exposure monitoring and measurement.

(a) General. (i) For the purposes of this section, employee exposure is that exposure which would occur if the employee were not using a respirator.

(ii) The sampling device to be used shall be either the vertical elutriator cotton dust sampler or a method of equivalent accuracy and precision.

(iii) If an alternative to the vertical elutriator cotton dust sampler is used, the employer shall establish equivalency by demonstrating that the alternative sampling devices:

(A) Collect respirable particulates in the same range as the vertical elutriator (approximately 15 microns);

(B) Replicate exposure data in side-by-side field comparisons; and

(C) Are equivalent within an accuracy and precision range of plus or minus twenty-five percent for ninety-five percent of the samples over the range of 0.5 to 2 times the permissible exposure limit.

(b) Initial monitoring. Each employer who has a place of employment in which cotton dust is present, shall conduct monitoring by obtaining measurements which are representative of the exposure of all employees to airborne concentrations of lint-free respirable cotton dust over an eight-hour period. The sampling program shall include at least one determination during each shift for each work area.

(c) Periodic monitoring. (i) The employer shall repeat the measurements required by subsection (4)(b) of this section at least every six months.

(ii) Whenever there has been a production, process, or control change which may result in new or additional exposure to cotton dust, or whenever the employer has any other reason to suspect an increase in employee exposure, the employer shall notify each employee and measurements required by subsection (4)(b) of this section for those employees affected by the change or increase.

(d) Employee notification. (i) Within five working days after the receipt of monitoring results, the employer shall notify each employee in writing of the exposure measurements which represent that employee's exposure.

(ii) Whenever the results indicate that the employee's exposure exceeds the applicable permissible exposure limit specified in subsection (3) of this section, the employer shall include in the written notice a statement that the permissible exposure limit was exceeded and a description of the corrective action taken to reduce exposure below the permissible exposure limit.

(5) Methods of compliance.

(a) Engineering and work practice controls. The employer shall institute engineering and work practice controls to reduce and maintain employee exposure to cotton dust at or below the permissible exposure limit specified in subsection (3) of this section, except to the extent that the employer establishes that such controls are not feasible.

(b) Whenever feasible engineering and work practice controls are not sufficient to reduce employee exposure to or below the permissible exposure limit, the employer shall nonetheless institute these controls to immediately reduce exposure to the lowest feasible level, and shall supplement these controls with the use of respirators which shall comply with the provisions of subsection (6) of this section.

(c) Compliance program. (i) Each employer shall establish and implement a written program sufficient to reduce exposures to or below the permissible exposure limit solely by means of engineering controls and work practices as required by subsection (5)(a) of this section.

(ii) The written program shall include at least the following:

(A) A description of each operation or process resulting in employee exposure to cotton dust;

(B) Engineering plans and other studies used to determine the controls for each process;

(C) A report of the technology considered in meeting the permissible exposure limit;

(D) Monitoring data obtained in accordance with subsection (4) of this section;

(E) A detailed schedule for development and implementation of engineering and work practice controls, including exposure levels projected to be achieved by such controls;

(F) Work practice program; and

(G) Other relevant information.

(iii) The employer's schedule as set forth in the compliance program, shall project completion no later than March 27, 1984.

(iv) The employer shall complete the steps set forth in his program by the dates in the schedule.

(v) Written programs shall be submitted, upon request, to the director, and shall be available at the worksite for examination and copying by the director, and any affected employee or their designated representatives.

(vi) The written programs required under subsection (5)(c) of this section shall be revised and updated at least every six months to reflect the current status of the program and current exposure levels.

(d) Mechanical ventilation. When mechanical ventilation is used to control exposure, measurements which demonstrate the effectiveness of the system to control exposure, such as capture velocity, duct velocity, or static pressure shall be made at least every six months. Measurements of the system's effectiveness to control exposures shall also be made within five days of any change in production, process or control which may result in any increase in airborne concentrations of cotton dust.

(6) Use of respirators.

(a) General. Where the use of respirators is required under this section, the employer shall provide, at no cost to the employee, and assure the use of respirators which comply with the requirements of this subsection (6). Respirators shall be used in the following circumstances:

(i) During the time periods necessary to install or implement feasible engineering controls and work practice controls;

(ii) During maintenance and repair activities in which engineering and work practice controls are not feasible;

(iii) In work situations where feasible engineering and work practice controls are not yet sufficient to reduce exposure to or below the permissible exposure limit;

(iv) In operations specified under subsection (7)(a) of this section; and

(v) Whenever an employee requests a respirator.

(b) Respirator selection. (i) Where respirators are required under this section, the employer shall select the appropriate respirator from Table I and shall assure that the employee uses the respirator provided.

TABLE I

Cotton dust concentration	Required respirator
Not greater than—	
(a) 5 x the applicable permissible exposure limit.	1. Any dust respirator, including single use.
(b) 10 x the applicable permissible exposure limit.	1. Any dust respirator, except single use or quarter mask; or 2. Any supplied air respirator; or 3. Any self-contained breathing apparatus.
(c) 100 x the applicable permissible exposure limit.	1. High efficiency particulate filter respirator with a full facepiece; or 2. Any supplied air respirator with full facepiece, helmet or hood; or 3. Any self-contained breathing apparatus with full facepiece.
(d) Greater than 100 x the applicable permissible exposure limit.	1. A powered air-purifying respirator with high efficiency particulate filter; or 2. A self-contained breathing apparatus with a full facepiece operated in pressure demand or other positive pressure mode; or 3. A type "C" supplied air respirator operated in pressure demand or other positive pressure mode; or 4. A combination respirator which includes a type "C" supplied-air respirator with a full facepiece operated in pressure or continuous-flow mode and an auxiliary self-contained breathing apparatus operated in pressure demand or other positive pressure mode.

(ii) The employer shall select respirators from those tested and approved for protection against dust by the National Institute for Occupational Safety and Health (NIOSH) under the provisions of 30 CFR Part 11.

(iii) Whenever respirators are required by this section for concentrations not greater than 5 x the applicable permissible exposure limit, the employer shall provide and permit the employee to use, at the employee's option, single use dust respirator in preference to any respirator specified in paragraph (a) of Table I.

(iv) Whenever respirators are required by this section for concentrations not greater than 100 x the applicable permissible exposure limit, the employer shall, upon the request of the employee, provide a powered air purifying respirator with a high efficiency particulate filter in lieu of the respirator specified in paragraphs (a), (b), or (c) of Table I.

(v) Whenever a physician determines that an employee is unable to wear any form of respirator, including a power air purifying respirator, the employee shall be given the opportunity to transfer to another position which is available or which later becomes available having a dust level at or below the PEL. The employer shall assure that an employee who is transferred due to an inability to wear a respirator suffers no loss of earnings or other employment rights or benefits as a result of the transfer.

(vi) Until September 27, 1980, the employer shall provide any dust respirator, including single use, to all employees exposed to cotton dust, unless the employer has conducted the monitoring required by subsection (4)(b) of this section or otherwise has monitored employee exposure. As soon as monitoring has been conducted, the employer shall select the appropriate respirator from Table I.

(c) Respirator program. The employer shall institute a respirator program in accordance with WAC 296-62-071.

(d) Respirator usage. (i) The employer shall assure that the respirator used by each employee exhibits minimum facepiece leakage and that the respirator is fitted properly.

(ii) The employer shall allow each employee who uses a filter respirator, to change the filter elements whenever an increase in breathing resistance is detected by the employee. The employer shall maintain an adequate supply of filter elements for this purpose.

(iii) The employer shall allow employees who wear respirators to wash their faces and respirator facepieces to prevent skin irritation associated with respirator use.

(7) Work practices. Each employer shall, regardless of the level of employee exposure, immediately establish and implement a written program of work practices, which shall minimize cotton dust exposure for each specific job. Where applicable, the following work practices shall be included in the work practices program:

(a) Compressed air "blow down" cleaning shall be prohibited, where alternative means are feasible. Where compressed air "blow down" is done, respirators shall be worn by the employees performing the "blow down", and employees in the area whose presence is not required to perform the "blow down" shall be required to leave the area during this cleaning operation.

(b) Cleaning of clothing or floors with compressed air shall be prohibited.

(c) Floor sweeping shall be performed with a vacuum or with methods designed to minimize dispersal of dust.

(d) Cotton and cotton waste shall be stacked, sorted, baled, dumped, removed or otherwise handled by mechanical means, except where the employer can show that it is infeasible to do so. Where infeasible, the method used for handling cotton and cotton waste shall be the method which reduces exposure to the lowest level feasible.

(e) The employer shall inspect, clean, maintain, and repair, all engineering control equipment and ventilation systems including power sources, ducts, and filtration units of the equipment.

(8) Medical surveillance.

(a) General. (i) Each employer who has a place of employment in which cotton dust is present shall institute a program of medical surveillance for all employees exposed to cotton dust.

(ii) The employer shall assure that all medical examinations and procedures are performed by or under the supervision of a licensed physician and are provided without cost to the employee.

(iii) Persons other than licensed physicians, who administer the pulmonary function testing required by this section shall complete a NIOSH approved training course in spirometry.

(b) Initial examinations. The employer shall provide each employee who is or may be exposed to cotton dust with an opportunity for medical surveillance. For new employees this examination shall be provided prior to initial assignment. The medical surveillance shall include at least the following:

(i) A medical history;

(ii) The standardized questionnaire contained in WAC 296-62-14537; and

(iii) A pulmonary function measurement, including a determination of forced vital capacity (FVC) and forced expiratory volume in one second (FEV₁), and the percentage that the measured values of FEV and FVC differ from the predicted values, using the standard tables in WAC 296-62-14539. The predicted FEV₁ and FVC for blacks shall be multiplied by 0.85 to adjust for racial differences.

These determinations shall be made for each employee before the employee enters the workplace on the first day of the work week, following at least thirty-five hours after previous exposure to cotton dust. The tests shall be repeated during the shift, no sooner than four and no more than ten hours after the beginning of the work shift, and, in any event, no more than one hour after cessation of exposure.

(iv) Based upon the questionnaire results, each employee shall be graded according to Schilling's byssinosis classification system.

(c) Periodic examinations. (i) The employer shall provide annual medical surveillance for all employees exposed to cotton dust which shall include at least an update of the medical history and standardized

questionnaire (the abbreviated questionnaire, App. B-III) and the pulmonary function measurements in subsection (8)(b) of this section.

(ii) Medical surveillance as required in subsection (8)(c)(i) of this section shall be provided every six months for all employees in the following categories:

(A) An FEV₁ of greater than eighty percent of the predicted value, but with an FEV₁ decrement of five percent or 200 ml. on a first working day;

(B) An FEV₁ of less than eighty percent of the predicted value; or

(C) Where, in the opinion of the physician, any significant change in questionnaire findings, pulmonary function results, or other diagnostic tests has occurred.

(iii) An employee whose FEV₁ is less than sixty percent of the predicted value shall be referred to a physician for a detailed pulmonary examination.

(iv) A comparison shall be made between the current examination results and those of previous examinations and a determination made by the physician as to whether there has been a significant change.

(d) Information provided to the physician. The employer shall provide the following information to the examining physician:

(i) A copy of this regulation and its appendices;

(ii) A description of the affected employee's duties as they relate to the employee's exposure;

(iii) The employee's exposure level or anticipated exposure level;

(iv) A description of any personal protective equipment used or to be used; and

(v) Information from previous medical examinations of the affected employee which is not readily available to the examining physician.

(e) Physician's written opinion. (i) The employer shall obtain and furnish the employee with a copy of a written opinion from the examining physician containing the following:

(A) The results of the medical examination and tests;

(B) The physician's opinion as to whether the employee has any detected medical conditions which would place the employee at increased risk of material impairment of the employee's health from exposure to cotton dust;

(C) The physician's recommended limitations upon the employee's exposure to cotton dust or upon the employee's use of respirators including a determination of whether an employee can wear a negative pressure respirator, and where the employee cannot, a determination of the employee's ability to wear a powered air purifying respirator; and

(D) A statement that the employee has been informed by the physician of the results of the medical examination and any medical conditions which require further examination or treatment.

(ii) The written opinion obtained by the employer shall not reveal specific findings or diagnoses unrelated to occupational exposure.

(9) Employee education and training.

(a) Training program.

(i) The employer shall provide a training program for all employees in all workplaces where cotton dust is present, and shall assure that each employee in these workplaces is informed of the following:

(A) The specific nature of the operations which could result in exposure to cotton dust at or above the permissible exposure limit;

(B) The measures, including work practices required by subsection (7) of this section, necessary to protect the employee from exposures in excess of the permissible exposure limit;

(C) The purpose, proper use and limitations of respirators required by subsection (6) of this section;

(D) The purpose for and a description of the medical surveillance program required by subsection (8) of this section and other information which will aid exposed employees in understanding the hazards of cotton dust exposure; and

(E) The contents of this standard and its appendices.

(ii) The training program shall be provided prior to initial assignment and shall be repeated at least annually.

(b) Access to training materials. (i) Each employer shall post a copy of this section with its appendices in a public location at the workplace, and shall, upon request, make copies available to employees.

(ii) The employer shall provide all materials relating to the employee training and information program to the director upon request.

(iii) In addition to the information required by subsection (9)(a) of this section, the employer shall include as part of the training program, and shall distribute to employees, any materials, pertaining to the Washington Industrial Safety and Health Act, the regulations issued pursuant to that act, and this cotton dust standard, which are made available to the employer by the director.

(10) Signs. The employer shall post the following warning sign in each work area where the permissible exposure limit for cotton dust is exceeded:

WARNING
COTTON DUST WORK AREA
May Cause Acute or Delayed Lung Injury
(Byssinosis)

RESPIRATORS REQUIRED IN THIS AREA

(11) Recordkeeping.

(a) Exposure measurements. (i) The employer shall establish and maintain an accurate record of all measurements required by subsection (4) of this section.

(ii) The record shall include:

(A) A log containing the items listed in WAC 296-62-14535(4)(a), and the dates, number, duration, and results of each of the samples taken, including a description of the procedure used to determine representative employee exposures;

(B) The type of protective devices worn, if any, and length of time worn; and

(C) The names, social security number, job classifications, and exposure levels of employees whose exposure the measurement is intended to represent.

(iii) The employer shall maintain this record for at least twenty years.

(b) Medical surveillance. (i) The employer shall establish and maintain an accurate medical record for each employee subject to medical surveillance required by subsection (8) of this section.

(ii) The record shall include:

(A) The name and social security number and description of the duties of the employee;

(B) A copy of the medical examination results including the medical history, questionnaire responses, results of all tests, and the physician's recommendation;

(C) A copy of the physician's written opinion;

(D) Any employee medical complaints related to exposure to cotton dust;

(E) A copy of this standard and its appendices, except that the employer may keep one copy of the standard and the appendices for all employees, provided that he references the standard and appendices in the medical surveillance record of each employee; and

(F) A copy of the information provided to the physician as required by subsection (8)(d) of this section.

(iii) The employer shall maintain this record for at least twenty years.

(c) Availability. (i) The employer shall make all records required to be maintained by subsection (11) of this section available to the director for examination and copying.

~~(ii) ((The employer shall make)) Employee exposure measurement records and employee medical records required by this ((section available to affected employees or their)) subsection shall be provided upon request to employees, designated representatives ((for examination and copying)); and the assistant director in accordance with WAC 296-62-05201 through 296-62-05209 and 296-62-05213 through 296-62-05217.~~

~~((iii) The employer shall make all records indicating a former employee's own exposure to cotton dust available to the former employee or his designated representative for examination and copying.~~

~~(iv) The employer shall make an employee's medical records required to be maintained by this section, available to the affected employee or former employee or to a physician or other individual designated by such affected employee or former employees, for examination and copying.~~

(d) Transfer of records. (i) Whenever the employer ceases to do business, the successor employer shall receive and retain all records required to be maintained by subsection (11) of this section.

(ii) Whenever the employer ceases to do business, and there is no successor employer to receive and retain the records for the prescribed period, these records shall be transmitted to the director.

(iii) At the expiration of the retention period for the records required to be maintained by this section, the employer shall notify the director at least three months prior to the disposal of such records and shall transmit those records to the director if he requests them within that period.

(iv) The employer shall also comply with any additional requirements involving transfer of records set forth in WAC 296-62-05215.

(12) Observation of monitoring.

(a) The employer shall provide affected employees or their designated representatives an opportunity to observe any measuring or monitoring of employee exposure to cotton dust conducted pursuant to subsection (4) of this section.

(b) Whenever observation of the measuring or monitoring of employee exposure to cotton dust requires entry into an area where the use of personal protective equipment is required, the employer shall provide the observer with and assure the use of such equipment and shall require the observer to comply with all other applicable safety and health procedures.

(c) Without interfering with the measurement, observers shall be entitled to:

(i) An explanation of the measurement procedures;

(ii) An opportunity to observe all steps related to the measurement of airborne concentrations of cotton dust performed at the place of exposure; and

(iii) An opportunity to record the results obtained.

(13) Effective date.

(a) General. This emergency rule is effective upon filing with the code reviser, except as otherwise provided below.

(b) Startup dates. (i) Initial monitoring. The initial monitoring required by subsection (4)(b) of this section shall be completed as soon as possible but no later than September 27, 1980.

(ii) Methods of compliance; engineering and work practice controls. Engineering and work practice controls required by subsection (5) of this section shall be implemented no later than March 27, 1984.

(iii) Compliance program. The compliance program required by subsection (5)(c) of this section shall be established no later than March 27, 1981.

(iv) Respirators. The respirators required by subsection (6) of this section shall be provided no later than April 27, 1980. Until September 27, 1980, the provisions of subsection (6)(b)(vi) of this section apply.

(v) Work practices. The work practices required by subsection (7) of this section shall be implemented no later than June 27, 1980.

(vi) Medical surveillance. The initial medical surveillance required by subsection (8) of this section shall be completed no later than March 27, 1981.

(vii) Employee education and training. The initial education and training required by subsection (9) of this section shall be completed as soon as possible but no later than June 27, 1980.

(14) Appendices.

(a) Appendix B, WAC 296-62-14537, Appendix C, WAC 296-62-14539 and Appendix D, WAC 296-62-14541 are incorporated as part of this chapter and the contents of these appendices are mandatory.

(b) Appendix A, WAC 296-62-14535 contains information which is not intended to create any additional obligations not otherwise imposed or to detract from any existing obligations.

WSR 81-19-132

**PROPOSED RULES
DEPARTMENT OF LICENSING**

[Filed September 23, 1981]

Notice is hereby given in accordance with the provisions of RCW 34.04.025, that the Department of Licensing intends to adopt, amend, or repeal rules concerning the administration of filing under the Uniform Commercial Code, chapter 62A.9 RCW. The department intends to adopt new chapter 308-400 WAC and repeal chapter 434-16 WAC;

that such agency will at 10:00 a.m., Tuesday, November 3, 1981, in the 4th Floor Conference Room, Highways-Licenses Building, Olympia, Washington, conduct a hearing relative thereto.

The adoption, amendment, or repeal of such rules will take place immediately following such hearing.

The authority under which these rules are proposed is WAC 308-400-010, 308-400-020, 308-400-030, 308-400-040, 308-400-050, 308-400-060, 308-400-070 and 308-400-090 are promulgated pursuant to RCW 62A.9-409(1) and are intended to administratively implement that statute. WAC 308-400-080 is promulgated under the general rule-making authority of the department of licensing as authorized in RCW 34.04.020 and 43.24.010. Chapter 434-16 WAC is repealed under authority granted by section 2, chapter 117, Laws of 1977 1st ex. sess.

Interested persons may submit data, views, or arguments to this agency in writing to be received by this agency prior to November 3, 1981, and/or orally at 10:00 a.m., Tuesday, November 3, 1981, 4th Floor Conference Room, Highways-Licenses Building, Olympia, Washington.

Dated: September 23, 1981

By: Ken Mark

Assistant Director

Business License Center

STATEMENT OF PURPOSE

Name of Agency: Department of Licensing.

General Purpose: The proposed rules are designed to implement the provisions of section 1, chapter 117, Laws of 1977 1st ex. sess., adding RCW 43.07.150 which transferred all Uniform Commercial Code (UCC) powers, duties, and functions from the secretary of state to the department of licensing; and chapter 41, Laws of 1981, amending chapter 62A.9 RCW, relating to filing under UCC. The rules set the standards for the UCC filing forms and specify the procedure for a supplier to follow when seeking form approval from the department of licensing.

Summary of Rule and Reasons for Proposed Action: New section WAC 308-400-010, Authority and Purpose. This rule sets forth the statutory authority RCW 62A.9-409(1) and 34.04.020, under which chapter 308-400 WAC is promulgated; new section WAC 308-400-020, Applicable Statute. Chapter 308-400 WAC is intended to supplement, not replace, Article 62A.9 RCW; new section WAC 308-400-030, Definitions. This rule sets forth the definitions which apply to the rules. The terms "filing officer", "person", and "filings" are each defined; new section WAC 308-400-040, Standard Forms. This rule identifies each form which meets the standards prescribed by the department of licensing. A sample of each form is included with the rule as exhibits; new section WAC 308-400-050, Official Approval of Forms. This rule sets forth the procedure for a supplier to follow when seeking approval to produce standard forms. A supplier may not print a legend of department approval on forms unless such approval has been applied for and received. If a form does not carry a legend, it will be considered a non-standard form and a different fee schedule will apply to the filing; new section WAC 308-400-060, Rejection of filings. This rule sets forth the procedure to be followed when a filing is rejected for any reasons; new section WAC 308-400-070, Request

for Certificate of Information. RCW 62A.9-407(2) requires the department to issue its certificate of information and collect a fee for the search of each individual debtor's file. Procedures require that a separate request form be submitted for each individual debtor; new section WAC 308-400-080, Delegation of Certification Authority. RCW 62A.9-407(2) requires the department to issue its certificate when complying with search requests. This rule allows the director to delegate to other filing officers the authority to issue and sign all UCC certificates; new section WAC 308-400-090, Amendment Fees. The fee for filing an amendment to a financing statement is the same as that for filing the original financing statement; and repeal chapter 434-16 WAC. This chapter provided for the filing of UCC documents when the UCC was administered by the secretary of state. Chapter 117, Laws of 1977 1st ex. sess., which transferred all powers, duties, and functions relating to the UCC to the department of licensing also provided authority in section 2 for the department to repeal chapter 434-16 WAC.

Responsible Department Personnel: In addition to the director, the following agency personnel have knowledge of and have responsibility for drafting, implementing and enforcing these rules: Ken Mark, Asst. Director, Business License Center, Hwys.-Lic. Building, Olympia, WA, 234-1749 Scan, 753-1749 Comm; and Peggy Ann O'Neill, Administrator, Hwys.-Lic. Building, Olympia, WA, 234-9627 Scan, 753-9627 Comm.

Agency Proposing Rule: Department of Licensing.

Agency Comments: None.

Necessity for Rule: The proposed rules are necessitated by the amendments to the UCC adopted in 1981 by the Washington State Legislature and codified in Article 62A.9 RCW. They are not the result of federal or state court action.

NEW SECTION

WAC 308-400-010 AUTHORITY AND PURPOSE. These rules are adopted under authority of RCW 62A.9-409(1) and RCW 34.04.020, to standardize filing forms for use under the Uniform Commercial Code and to establish uniform procedures for filing with, and obtaining information from, filing officers.

NEW SECTION

WAC 308-400-020 APPLICABLE STATUTE. This regulation shall be considered a supplement to and not a replacement for Article 62A.9 RCW.

NEW SECTION

WAC 308-400-030 DEFINITIONS. As used in this regulation: "Filing officer" means the director of the department of licensing or the county auditor or any person commissioned by them to act on their behalf in a Uniform Commercial Code filing procedure.

"Person" includes groups of persons, corporations, cooperatives, business trusts and all other entities capable of holding title to property.

"Filings" includes all financing statements and related documents, or documents submitted to a filing officer in lieu of financing statements under Article 62A.9 RCW.

NEW SECTION

WAC 308-400-040 STANDARDS FORMS. The following exhibits, attached to these rules and by this reference made a part hereof,

shall be considered to conform to standards prescribed by the department of licensing for the purpose indicated, under the respective provisions of RCW 62A.9-403(5), 62A.9-404(1), 62A.9-405(2), 62A.9-406, and 62A.9-408:

- Exhibit A - UCC-1 Standard Financing Statement
- Exhibit B - UCC-1A Standard Consignment/Lease Financing Statement
- Exhibit C - UCC-1X Standard Financing Statement to Continue a County Filing at the Department of Licensing.
- Exhibit D - UCC-3 Standard Statements of Continuation, Termination, Assignment, Amendment or Release.
- Exhibit E - UCC-3A Standard Consignment/Lease Statements of Continuation, Termination, Assignment, Amendment or Release.

The following exhibit, also attached and incorporated, is hereby approved for the purpose indicated:

Exhibit F - UCC-11R Standard Request for Certificate of Information.

Additional Format Information for UCC 1, 1A and 1X:
Copies 3 and 4 are identical to copy 1. Instructions are to appear on the back of copy 4.

PLEASE TYPE FORMS

This FINANCING STATEMENT is presented for filing pursuant to the WASHINGTON UNIFORM COMMERCIAL CODE.

1A. DEBTOR (or assignor) (last name first and address) TRADE NAME: (if any)	2. FOR OFFICE USE ONLY
1B. ADDITIONAL DEBTOR (or assignor) (last name first and address) TRADE NAME: (if any)	3. NUMBER OF ADDITIONAL SHEETS ATTACHED:

4. This FINANCING STATEMENT covers the following type (or items) of property:

5. CHECK IF APPLICABLE:

- Products of collateral are also covered.
- Filing covers consumer goods.
- Filing covers a security interest in collateral, including fixtures, of a TRANSMITTING UTILITY and remains effective until terminated.

TYPE NAME OF DEBTOR (or assignor) _____

SIGNATURE OF DEBTOR (or assignor) _____

6. SECURED PARTY (or assignee) (last name first and address) <div style="border: 1px solid black; height: 80px; width: 100%;"></div>	7. ASSIGNEE of SECURED PARTY (if applicable) (last name first and address)
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8. This Statement is signed by the Secured Party instead of the Debtor to perfect a security interest in collateral (Please check appropriate box)
- already subject to a security interest in another jurisdiction when it was brought into this state, or when the debtor's location was changed to this state, or
 - which is proceeds of the original collateral described above in which a security interest was perfected, or
 - as to which the filing has lapsed, or
 - acquired after a change of name, identity or corporate structure of the debtor.

FORMER NAME: _____ ORIGINAL FILING NUMBER _____

USE IF APPLICABLE:

TYPE NAME OF SECURED PARTY (or assignee) _____

SIGNATURE OF SECURED PARTY (or assignee) _____

9. RETURN ACKNOWLEDGMENT COPY TO: <div style="border: 1px solid black; height: 80px; width: 100%;"></div>	FILE WITH: UNIFORM COMMERCIAL CODE DIVISION DEPARTMENT OF LICENSING P. O. BOX 9660 OLYMPIA, WA 98504
UCC-1 (R/7/82) Copy 1 - FILING OFFICER - NUMERICAL	FOR OFFICE USE ONLY WASHINGTON UCC-1

Images To Be Filmed:

4. When a copy of the security agreement is used as a financing statement, it should be accompanied by a completed but unsigned set of these forms. The \$7.00 fee applies.
5. At the time of original filing, the filing officer will return copy (2) as an acknowledgment. Indicate in Box 9 to whom the acknowledgment should be returned.
6. Typed name of Debtor and/or Secured Party must appear with signature.
7. If the space provided for any item on the form is inadequate, the item should be identified and continued on additional sheets, preferably 8 1/2" X 11". The name of the Debtor should appear as the first item on each additional

sheet. Only one copy of such additional sheets need be presented to the filing officer with the two copies of the financing statement. Indicate the number of sheets attached in the space provided.

8. DO NOT WRITE IN BOX 2.

TERMINATION STATEMENT

When the filing is to be terminated the acknowledgment copy may be sent to the filing officer with the termination statement signed by the Secured Party (or assignee), or the UCC-3 form may be used as a termination statement. Typed name of Secured Party (or assignee) must appear with signature. No fee is required for a termination statement.

4. When a copy of the security agreement is used as a financing statement, it should be accompanied by a completed but unsigned set of these forms. The \$7.00 fee applies.
5. At the time of original filing, the filing officer will return copy (2) as an acknowledgment. Indicate in Box 9 to whom the acknowledgment should be returned.
6. Typed name of Consignee or Lessee and/or Consignor or Lessor must appear with signature.
7. If the space provided for any item on the form is inadequate, the item should be identified and continued on additional sheets, preferably 8 1/2" X 11". The name of the Debtor should appear as the first item on each additional

sheet. Only one copy of such additional sheets need be presented to the filing officer with the two copies of the financing statement. Indicate the number of sheets attached in the space provided.

8. DO NOT WRITE IN BOX 2.

TERMINATION STATEMENT

When the filing is to be terminated the acknowledgment copy may be sent to the filing officer with the termination statement signed by the Consignor or Lessor (or assignee), or the UCC-3 form may be used as a termination statement. Typed name of Consignor or Lessor (or assignee) must appear with signature. No fee is required for a termination statement.

PLEASE TYPE FORMS

This FINANCING STATEMENT is presented to the State Filing Officer to continue a county filing at the state level pursuant to the WASHINGTON UNIFORM COMMERCIAL CODE.

1A. DEBTOR (or assignor) (last name first and address) TRADE NAME: (if any)	2. FOR OFFICE USE ONLY
1B. ADDITIONAL DEBTOR (or assignor) (last name first and address) TRADE NAME: (if any)	3. NUMBER OF ADDITIONAL SHEETS ATTACHED:

4. This FINANCING STATEMENT covers the following types (or items) of property:

5. CHECK IF APPLICABLE:

- Products of collateral are also covered.
- Filing covers consumer goods.
- Filing covers a security interest in collateral, including fixtures, of a TRANSMITTING UTILITY and remains effective until terminated.
- A copy of the original FINANCING STATEMENT is attached.

6. SECURED PARTY (or assignee) (last name first and address) <div style="border: 1px solid black; height: 80px; width: 100%;"></div>	7. ASSIGNEE OF SECURED PARTY (if applicable) (last name first and address) <div style="border: 1px solid black; height: 80px; width: 100%;"></div>
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8. This statement refers to original FINANCING STATEMENT

NUMBER _____ DATE OF ORIGINAL FILING _____
 FILED WITH (COUNTY) _____ DATE OF LAST CONTINUATION _____

The original FINANCING STATEMENT between the foregoing DEBTOR and SECURED PARTY, bearing the file number shown above, is still effective.

USE WHICHEVER IS APPLICABLE:

 TYPE NAME OF DEBTOR (or assignor)

 TYPE NAME OF SECURED PARTY (or assignee)

 SIGNATURE OF DEBTOR (or assignor)

 SIGNATURE OF SECURED PARTY (or assignee)

9. RETURN ACKNOWLEDGMENT COPY TO:

UCC-1X (N/7/82) Copy 1 - FILING OFFICER - NUMERICAL

FILE WITH

UNIFORM COMMERCIAL CODE DIVISION
 DEPARTMENT OF LICENSING
 P. O. BOX 9660
 OLYMPIA, WA 98504

FOR OFFICE USE ONLY

Images To Be Filmed:

WASHINGTON UCC-1X

	<p>(NOTE: All other information will be the same on this ply except termination statement and office use only box at bottom of Form. Ply 1 (white) will have a block out in these areas to keep any signatures from being transferred to ply 2.)</p>

<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; justify-content: space-between; align-items: center;"> [] </div>	

TERMINATION STATEMENT—The SECURED PARTY certifies that the SECURED PARTY no longer claims a security interest under the financing statement bearing the file number shown above.

DATED: _____ (name) _____

Return to: Uniform Commercial Code Division, Department of Licensing,
P. O. Box 9660, Olympia, WA 98504 (signature) _____

<div style="border: 1px solid black; width: 100%; height: 100%; display: flex; justify-content: space-between; align-items: center;"> [] </div>	<p>FOR OFFICE USE ONLY</p>
<p>UCC-1X (N/7/82) Copy 2 - FILING OFFICER - ACKNOWLEDGMENT</p>	<p>WASHINGTON UCC-1X</p>

Instructions UCC-1X

1. THIS FORM IS TO BE USED ONLY WHERE A FINANCING STATEMENT HAS BEEN ORIGINALLY

FILED WITH A COUNTY AUDITOR BUT WHERE THE FILING MUST BE CONTINUED WITH THE DEPARTMENT OF LICENSING TO REMAIN PERFECTED. CONTINUATIONS CAN BE MADE ONLY

WITHIN SIX MONTHS OF THE FINANCING STATEMENT'S EXPIRATION DATE.

2. **PLEASE TYPE THIS FORM.**
3. **REMOVE** and retain copies (3) and (4). **SEND** copies (1) and (2) to the address on the front of the form.
4. The filing fee for a standard form is \$4.00. The fee is \$7.00 if any other form is used or if any additional sheets or documents are attached to the standard UCC-1X. Proper filing fees must accompany each form.
5. At the time of original filing, the filing officer will return copy (2) as an acknowledgment. Indicate in Box 9 to whom the acknowledgment should be returned.
6. Typed name of Debtor and/or Secured Party must appear with signature.
7. If the space provided for any item on the form is inadequate, the item should be identified and continued on additional sheets, preferably 8 1/2 X 11". The name of the Debtor should appear as the first item on each additional

sheet. Only one copy of such additional sheets need be presented to the filing officer with the two copies of the financing statement. Indicate the number of sheets attached in the space provided.

8. **DO NOT WRITE IN BOX 2.**

TERMINATION STATEMENT

When the filing is to be terminated the acknowledgment copy may be sent to the filing officer with the termination statement signed by the Secured Party (or assignee), or the UCC-3 form may be used as a termination statement. Typed name of Secured Party (or assignee) must appear with signature. No fee is required for a termination statement.

Additional Format Information for UCC 3 and 3A:

Copies 2, 3 and 4 are identical to copy 1. Instructions are to appear on the back of copy 4.

PLEASE TYPE FORMS
This FINANCING STATEMENT is presented for filing pursuant to the WASHINGTON UNIFORM COMMERCIAL CODE

<p>1A. DEBTOR (or assignor) (last name first and address)</p> <p>TRADE NAME: (if any)</p>	<p>2. FOR OFFICE USE ONLY</p>
<p>1B. ADDITIONAL DEBTOR (or assignor) (last name first and address)</p> <p>TRADE NAME: (if any)</p>	<p>3. NUMBER OF ADDITIONAL SHEETS ATTACHED:</p>
<p>4. This statement refers to original FINANCING STATEMENT number:</p>	<p>5. DATE FILED:</p>

6. CONTINUATION. The original Financing Statement between the foregoing Debtor and Secured Party, bearing file number shown above, is still effective.

TERMINATION. Secured Party no longer claims a security interest under the Financing Statement bearing file number shown above.

ASSIGNMENT. The Secured Party's right under the Financing Statement bearing file number shown above to the property DESCRIBED BELOW has been assigned to the Assignee whose NAME AND ADDRESS APPEARS BELOW.

AMENDMENT. Financing Statement bearing file number shown above is amended AS SET FORTH BELOW.

PARTIAL RELEASE. Secured Party releases the collateral DESCRIBED BELOW from the Financing Statement bearing file number shown above.

DESCRIPTION:

<p>7. SECURED PARTY (or assignee) (last name first and address)</p> 	<p>8. ASSIGNEE of SECURED PARTY (if applicable) (last name first and address)</p>
---	---

9.

<p>TYPE NAME OF DEBTOR (or assignor)</p>	<p>TYPE NAME OF SECURED PARTY (or assignee)</p>
<p>BY: _____ SIGNATURE OF DEBTOR (or assignor) (Required if amendment)</p>	<p>BY: _____ SIGNATURE OF SECURED PARTY (or assignee)</p>

<p>10. RETURN ACKNOWLEDGMENT COPY TO:</p> 	<p>FILE WITH:</p> <p>UNIFORM COMMERCIAL CODE DIVISION DEPARTMENT OF LICENSING P. O. BOX 9660 OLYMPIA, WA 98504</p>
<p>UCC-3 (R/7/82) Copy 1 - FILING OFFICER - NUMERICAL</p>	<p>FOR OFFICE USE ONLY</p> <p>WASHINGTON UCC-3</p> <p style="text-align: right;">Images To Be Filmed: <input style="width: 50px; height: 20px;" type="text"/></p>

Instructions UCC-3

1. PLEASE TYPE THIS FORM.
2. REMOVE and retain copies (3) and (4). SEND copies (1) and (2) to the address on the front of the form.

3. The filing fee for a continuation, assignment, amendment, or release on a standard form is \$4.00. The fee is \$7.00 if any other form is used or if any additional sheets or documents are attached to the standard UCC-3. Proper filing

- fees must accompany each form. There is no fee for a termination statement.
4. Except for terminations, one or more transactions may be accomplished by a single UCC-3 filing. If more than one transaction is indicated on this form, send appropriate fee for each transaction. Terminations must be submitted on a separate UCC-3.
 5. If the transaction indicated requires a description or explanation, that description or explanation must appear in Box 6.
 6. If the space provided for any item on the form is inadequate, the item should be identified and continued on additional sheets, preferably 8 1/2" X 11". The name of the Debtor should appear as the first item on each additional sheet. Only one copy of such additional sheets need be presented to the filing officer with the two copies of the financing statement. Indicate the number of sheets attached in the space provided.
 7. At the time of filing, the filing officer will return the second copy as an acknowledgment. Indicate in Box 10 to whom the acknowledgment should be returned.
 8. Type name of Debtor and/or Secured Party must appear with signature.
 9. DO NOT WRITE IN BOX 2.

PLEASE TYPE FORMS
This FINANCING STATEMENT is presented for filing pursuant to the WASHINGTON UNIFORM COMMERCIAL CODE

1A. CONSIGNEE <input type="checkbox"/> LESSEE <input type="checkbox"/> (last name first and address) TRADE NAME: (if any)	2. FOR OFFICE USE ONLY
1B. ADDITIONAL CONSIGNEE <input type="checkbox"/> or LESSEE <input type="checkbox"/> (last name first and address) TRADE NAME: (if any)	3. NUMBER OF ADDITIONAL SHEETS ATTACHED:
4. This statement refers to original FINANCING STATEMENT number:	5. DATE FILED:

6. CONTINUATION. The original Financing Statement between the foregoing CONSIGNEE or LESSEE and CONSIGNOR or LESSOR, bearing file number shown above, is still effective.
 TERMINATION. CONSIGNOR or LESSOR no longer claims a security interest under the Financing Statement bearing file number shown above.
 ASSIGNMENT. The CONSIGNOR'S or LESSOR'S right under the Financing Statement bearing file number shown above to the property DESCRIBED BELOW has been assigned to the Assignee whose NAME AND ADDRESS APPEARS BELOW.
 AMENDMENT. Financing Statement bearing file number shown above is amended AS SET FORTH BELOW.
 PARTIAL RELEASE. CONSIGNOR or LESSOR releases the collateral DESCRIBED BELOW from the Financing Statement bearing file number shown above.
 DESCRIPTION:

7. CONSIGNOR <input type="checkbox"/> or LESSOR <input type="checkbox"/> (last name first and address) <div style="display: flex; justify-content: space-between; width: 80%; margin: 0 auto;"> <div style="border-left: 1px solid black; border-bottom: 1px solid black; width: 45%; height: 40px;"></div> <div style="border-right: 1px solid black; border-bottom: 1px solid black; width: 45%; height: 40px;"></div> </div>	8. ASSIGNEE of CONSIGNOR or LESSOR (if applicable) (last name first and address)
--	---

9.

_____ TYPE NAME OF CONSIGNEE/LESSEE	_____ TYPE NAME OF CONSIGNOR/LESSOR (or assignee)
BY: _____ SIGNATURE OF CONSIGNEE/LESSEE (Required if amendment)	BY: _____ SIGNATURE OF CONSIGNOR/LESSOR (or assignee)

10. RETURN ACKNOWLEDGMENT COPY TO: <div style="display: flex; justify-content: space-between; width: 80%; margin: 0 auto;"> <div style="border-left: 1px solid black; border-bottom: 1px solid black; width: 45%; height: 40px;"></div> <div style="border-right: 1px solid black; border-bottom: 1px solid black; width: 45%; height: 40px;"></div> </div>	FILE WITH UNIFORM COMMERCIAL CODE DIVISION DEPARTMENT OF LICENSING P. O. BOX 9660 OLYMPIA, WA 98504 FOR OFFICE USE ONLY Images To Be Filmed: <input style="width: 40px; height: 20px;" type="checkbox"/> WASHINGTON UCC-3A
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UCC-3A (R/7/82) Copy 1 - FILING OFFICER - NUMERICAL

Instructions UCC-3A

1. PLEASE TYPE THIS FORM.
2. REMOVE and retain copies (3) and (4). SEND copies (1) and (2) to the address on the front of the form.

3. The filing fee for a continuation, assignment, amendment, or release on a standard form is \$4.00. The fee is \$7.00 if any other form is used or if any additional sheets or documents are attached to the standard UCC-3A. Proper

- 4. Except for terminations, one or more transactions may be accomplished by a single UCC-3 filing. If more than one transaction is indicated on this form, send appropriate fee for each transaction. Terminations must be submitted on a separate UCC-3.
- 5. If the transaction indicated requires a description or explanation, that description or explanation must appear in Box 6.
- 6. If the space provided for any item on the form is inadequate, the item should be identified and continued on additional sheets, preferably 8 1/2" X 11". The name of the Debtor should appear as the first item on each additional

- sheet. Only one copy of such additional sheets need be presented to the filing officer with the two copies of the financing statement. Indicate the number of sheets attached in the space provided.
- 7. At the time of filing, the filing officer will return the second copy as an acknowledgment. Indicate in Box 10 to whom the acknowledgment should be returned.
- 8. Type name of Consignee or Lessee and/or Consignor or Lessor must appear with signature.
- 9. DO NOT WRITE IN BOX 2.

Additional Format Information for UCC 11R:

Copy 2 is identical to copy 1. Instructions are to appear on the back of copy 2.

PLEASE TYPE FORMS		REQUEST FOR CERTIFICATE OF INFORMATION		WASHINGTON UCC-11R	
1. DEBTOR (last name first and address)	2. FOR OFFICE USE ONLY				
3. PARTY requesting Certificate of Information (name and address)					
<p>4. <input type="checkbox"/> Department of Licensing, please furnish INFORMATION certificate showing whether there is on file any presently effective financing statement naming the above named debtor and any statement of assignment thereof, as of the date of receipt of this request. The \$4.00 fee is enclosed.</p> <p><input type="checkbox"/> Department of Licensing, please furnish INFORMATION certificate and true and exact COPIES of all presently effective financing statements naming the above named debtor and any statement of assignment thereof, as of the date of receipt of this request. The \$8.00 fee is enclosed.</p> <p><input type="checkbox"/> Department of Licensing, please furnish INFORMATION certificate AND COPIES of filings from _____ to _____ or for those specifically requested file numbers listed below. The \$8.00 fee is enclosed.</p>					
DATE _____		SIGNATURE OF REQUESTING PARTY _____			
FILE NUMBER	DATE AND HOUR OF FILING	FILE NUMBER	DATE AND HOUR OF FILING		
<p style="text-align: center;">COPY 1 - Forward to: UNIFORM COMMERCIAL CODE, DEPARTMENT OF LICENSING P. O. BOX 9660, OLYMPIA, WA 98504</p>					
UCC-11R (R/7/82)					

Instructions UCC-11R

- 1. PLEASE TYPE THIS FORM.
- 2. REMOVE and retain copy (2). SEND copy (1) to the address on the front of the form.
- 3. The certificate of information will be returned to the requesting party on a separate form. Because copy (1) will not be returned, the requesting party must have retained copy (2) of this form to have a record of the request.
- 4. The fee for a certificate of information request submitted on a standard form is \$4.00. The fee is \$5.00 if any other form is used. The fee for a certificate of information and copy request is \$8.00. Proper filing fees must accompany each form.
- 5. Only the name of one debtor may appear on each form. If information is requested on more than one name, a separate form must be submitted for each name. A husband and wife are considered to be two individual debtors. If more than one name does appear on the submitted form, only the first name will be searched.
- 6. DO NOT WRITE IN BOX 2.

Reviser's Note: The typographical errors in the above section occurred in the copy filed by the agency and appear herein pursuant to the requirements of RCW 34.08.040.

NEW SECTION

WAC 308-400-050 OFFICIAL APPROVAL OF FORMS. A supplier of standard forms who wishes to print on such forms a legend indicating that they have been officially approved as standard forms by the department of licensing shall submit five sets of reproducible proof copies of each such form to the department which copies must demonstrate to the satisfaction of the department that the approved form in final printing will conform to content, format, size, and construction of Exhibits A, B, C, D, E, and F, referred to above. If the department is so satisfied, it shall notify such supplier in writing. No person shall print such a legend on any form for use under the Uniform Commercial Code, nor shall he in any manner represent that there has been such approval, without first applying for such approval and receiving such notice from the department. A form which has not been approved by the department shall be considered a non-standard form.

NEW SECTION

WAC 308-400-060 REJECTION OF FILINGS. Any filing rejected for any reason by any filing officer shall be returned with reasonable promptness to the person submitting the same, and shall be accompanied by a brief but specific written statement of the reasons for rejection.

NEW SECTION

WAC 308-400-070 REQUEST FOR CERTIFICATE OF INFORMATION. A separate request for information (see Exhibit F, Form UCC-11R) must be submitted with respect to each individual debtor concerning whom information is sought. For this purpose a husband and wife shall be considered to be two individual debtors.

NEW SECTION

WAC 308-400-080 DELEGATION OF CERTIFICATION AUTHORITY. The director of the department of licensing may delegate to other department filing officers the authority to issue and sign all certificates of information issued by the department pursuant to RCW 62A.9-407(2).

NEW SECTION

WAC 308-400-090 AMENDMENT FEES. The fee for filing an amendment to a financing statement shall be the same as that for filing a financing statement.

REPEALER

The following sections of the Washington Administrative Code are each repealed:

- (1) WAC 434-16-010 AUTHORITY AND PURPOSE
- (2) WAC 434-16-020 APPLICABLE STATUTE
- (3) WAC 434-16-030 DEFINITIONS
- (4) WAC 434-16-040 STANDARD FORMS
- (5) WAC 434-16-050 OFFICIAL APPROVAL OF FORMS
- (6) WAC 434-16-060 REJECTION OF FILINGS
- (7) WAC 434-16-070 PREFILED FINANCING STATEMENTS
- (8) WAC 434-16-080 REQUEST FOR INFORMATION OR COPIES
- (9) WAC 434-16-090 AMENDMENT FEES.

Table of WAC Sections Affected

KEY TO TABLE

Symbols:

- AMD = Amendment of existing section
- NEW = New section not previously codified
- REP = Repeal of existing section
- AM/DE = Amendment and Decodification of existing section
- RECOD = Recodification of previously codified section
- REMOV = Removal of rule pursuant to RCW 34.04.050(5)
- RES = Restoration of section to previous form
- REVIEW = Review of previously adopted rule

Suffixes:

- P = Proposed action
- E = Emergency action
- W = Withdrawal of proposed action
- No suffix means permanent action

This table covers the current calendar year through this issue of the Register and should be used to locate rules amended, adopted, or repealed subsequent to the publication date of the latest WAC or Supplement.

WAC # shows the section number under which an agency rule is or will be codified in the Washington Administrative Code.

WSR # shows the issue of the Washington State Register where the document may be found; the last three digits show the sequence of the document within the issue.

WAC #		WSR #	WAC #		WSR #	WAC #		WSR #
1-12-010	AMD-P	81-11-069	16-54-004	REP-P	81-07-055	16-231-115	AMD-P	81-02-045
1-12-010	AMD	81-14-021	16-54-004	REP	81-10-047	16-231-115	AMD-W	81-03-065
1-12-020	AMD-P	81-11-069	16-54-071	AMD-P	81-07-055	16-231-115	AMD-P	81-03-068
1-12-020	AMD	81-14-021	16-54-071	AMD	81-10-047	16-231-115	AMD-E	81-07-042
1-12-030	AMD-P	81-11-069	16-54-082	AMD-P	81-07-055	16-231-115	AMD	81-07-044
1-12-030	AMD	81-14-021	16-54-082	AMD	81-10-047	16-231-120	AMD-P	81-02-045
1-12-032	AMD-P	81-11-069	16-86-015	AMD-P	81-07-054	16-231-120	AMD-W	81-03-065
1-12-032	AMD	81-14-021	16-86-015	AMD	81-10-048	16-231-120	AMD-P	81-03-068
1-12-033	AMD-P	81-11-069	16-86-015	AMD-P	81-11-050	16-231-120	AMD-E	81-07-042
1-12-033	AMD	81-14-021	16-86-015	AMD	81-14-078	16-231-120	AMD	81-07-044
1-12-034	NEW-P	81-11-069	16-86-095	REP-E	81-04-025	16-231-125	AMD-P	81-02-045
1-12-034	NEW	81-14-021	16-86-095	AMD-P	81-07-054	16-231-125	AMD-W	81-03-065
1-12-035	AMD-P	81-11-069	16-86-095	AMD	81-10-049	16-231-125	AMD-P	81-03-068
1-12-035	AMD	81-14-021	16-86-095	REP-E	81-10-050	16-231-125	AMD-E	81-07-042
1-12-190	AMD-P	81-11-069	16-96-130	AMD-P	81-15-091	16-231-125	AMD	81-07-044
1-12-190	AMD	81-14-021	16-96-130	AMD	81-19-026	16-231-130	AMD-P	81-02-045
1-12-210	AMD-P	81-11-069	16-200-001	REP-P	81-15-084	16-231-130	AMD-W	81-03-065
1-12-210	AMD	81-14-021	16-200-001	REP	81-18-058	16-231-130	AMD-P	81-03-068
1-12-910	AMD-P	81-11-069	16-200-002	REP-P	81-15-084	16-231-140	AMD-E	81-07-042
1-12-910	AMD	81-14-021	16-200-002	REP	81-18-058	16-232-010	AMD-P	81-02-046
1-12-930	AMD-P	81-11-069	16-200-006	REP-P	81-15-084	16-232-010	AMD-W	81-03-066
1-12-930	AMD	81-14-021	16-200-006	REP	81-18-058	16-232-010	AMD-P	81-03-069
1-12-940	AMD-P	81-11-069	16-200-007	REP-P	81-15-084	16-232-010	AMD-E	81-07-040
1-12-940	AMD	81-14-021	16-200-007	REP	81-18-058	16-232-010	AMD	81-07-041
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1-12-950	NEW	81-14-021	16-200-805	NEW-P	81-15-084	16-232-025	AMD-W	81-03-066
1-13-005	AMD-P	81-11-069	16-200-805	NEW	81-18-058	16-232-025	AMD-P	81-03-069
1-13-005	AMD	81-14-021	16-200-880	REP-P	81-15-084	16-232-045	NEW-E	81-07-040
1-13-010	AMD-P	81-11-069	16-200-880	REP	81-18-058	16-304-050	AMD-P	81-08-057
1-13-010	AMD	81-14-021	16-224-001	REP-P	81-12-051	16-304-050	AMD	81-11-020
1-13-020	AMD-P	81-11-069	16-224-001	REP	81-15-057	16-316-230	AMD-P	81-08-055
1-13-020	AMD	81-14-021	16-224-002	REP-P	81-12-051	16-316-230	AMD	81-11-023
1-13-030	AMD-P	81-11-069	16-224-002	REP	81-15-057	16-316-310	AMD-P	81-08-059
1-13-030	AMD	81-14-021	16-224-003	REP-P	81-12-051	16-316-310	AMD	81-11-021
1-13-032	AMD-P	81-11-069	16-224-003	REP	81-15-057	16-316-315	AMD-P	81-08-059
1-13-032	AMD	81-14-021	16-224-020	NEW-E	81-12-034	16-316-315	AMD-E	81-08-062
1-13-033	AMD-P	81-11-069	16-224-020	NEW-P	81-12-051	16-316-315	AMD	81-11-021
1-13-033	AMD	81-14-021	16-224-020	NEW	81-15-057	16-316-326	AMD-P	81-08-059
1-13-034	NEW-P	81-11-069	16-224-030	NEW-E	81-12-034	16-316-326	AMD	81-11-021
1-13-034	NEW	81-14-021	16-224-030	NEW-P	81-12-051	16-316-440	AMD-P	81-08-056
1-13-035	AMD-P	81-11-069	16-224-030	NEW	81-15-057	16-316-440	AMD	81-11-019
1-13-035	AMD	81-14-021	16-224-040	NEW-E	81-16-029	16-316-470	AMD-P	81-12-052
1-13-130	AMD-P	81-11-069	16-224-040	NEW-P	81-18-071	16-316-470	AMD	81-15-032
1-13-130	AMD	81-14-021	16-230-170	AMD-E	81-15-018	16-316-472	AMD-P	81-12-052
1-13-190	AMD-P	81-11-069	16-230-660	AMD-E	81-08-036	16-316-472	AMD	81-15-032
1-13-190	AMD	81-14-021	16-230-670	AMD-E	81-08-036	16-316-474	AMD-E	81-11-015
1-13-210	AMD-P	81-11-069	16-230-675	AMD-E	81-08-036	16-316-474	AMD-P	81-12-052
1-13-210	AMD	81-14-021	16-231-020	AMD-P	81-02-047	16-316-474	AMD	81-15-032
1-13-910	AMD-P	81-11-069	16-231-020	AMD-W	81-03-067	16-316-476	REP-P	81-12-052
1-13-910	AMD	81-14-021	16-231-020	AMD-P	81-03-070	16-316-476	REP	81-15-032
1-13-950	NEW-P	81-11-069	16-231-025	AMD-P	81-02-047	16-316-478	REP-P	81-12-052
1-13-950	NEW	81-14-021	16-231-025	AMD-W	81-03-067	16-316-478	REP	81-15-032
16-54-001	REP-P	81-07-055	16-231-025	AMD-P	81-03-070	16-316-482	REP-P	81-12-052
16-54-001	REP	81-10-047	16-231-040	NEW-E	81-07-043	16-316-482	REP	81-15-032

Table of WAC Sections Affected

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16-316-486	AMD-P	81-12-052	16-316-920	REP	81-15-032	82-28-06001	AMD-P	81-09-010
16-316-486	AMD	81-15-032	16-316-925	REP-P	81-12-052	82-28-06001	AMD	81-10-020
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16-316-520	REP	81-15-032	16-316-930	REP-P	81-12-052	82-28-080	AMD-P	81-06-073
16-316-530	AMD-E	81-11-015	16-316-930	REP	81-15-032	82-28-080	AMD-P	81-09-010
16-316-530	REP-P	81-12-052	16-316-935	REP-P	81-12-052	82-28-080	AMD	81-10-020
16-316-530	REP	81-15-032	16-316-935	REP	81-15-032	82-28-080	AMD-E	81-10-051
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16-316-535	REP	81-15-032	16-316-940	REP	81-15-032	98-12-020	NEW-P	81-02-055
16-316-540	REP-P	81-12-052	16-561-040	AMD	81-09-003	98-12-020	NEW	81-07-013
16-316-540	REP	81-15-032	16-565-041	NEW-P	81-16-076	98-16-010	NEW-P	81-02-055
16-316-545	REP-P	81-12-052	16-565-041	NEW	81-19-109	98-16-010	NEW	81-07-013
16-316-545	REP	81-15-032	16-608-001	NEW	81-05-010	98-16-020	NEW-P	81-02-055
16-316-550	REP-P	81-12-052	16-608-010	NEW	81-05-010	98-16-020	NEW	81-07-013
16-316-550	REP	81-15-032	16-608-020	NEW	81-05-010	98-16-030	NEW-P	81-02-055
16-316-555	REP-P	81-12-052	16-620-100	AMD-P	81-15-091	98-16-030	NEW	81-07-013
16-316-555	REP	81-15-032	16-620-100	AMD	81-19-026	98-20-010	NEW-P	81-02-055
16-316-560	REP-P	81-12-052	16-620-210	AMD-P	81-15-091	98-20-010	NEW	81-07-013
16-316-560	REP	81-15-032	16-620-210	AMD	81-19-026	98-70-010	NEW-P	81-19-090
16-316-565	REP-P	81-12-052	16-750-010	AMD-P	81-02-041	106-116-040	AMD-P	81-18-050
16-316-565	REP	81-15-032	16-750-010	AMD	81-07-039	106-116-042	AMD-P	81-04-050
16-316-570	AMD-P	81-12-052	24-12-010	AMD-P	81-11-030	106-116-042	AMD	81-08-010
16-316-570	AMD	81-15-032	24-12-010	AMD	81-16-011	106-116-050	AMD-P	81-04-050
16-316-572	NEW-P	81-12-052	34-02-010	NEW-P	81-04-068	106-116-050	AMD	81-08-010
16-316-572	NEW	81-15-032	34-02-020	NEW-P	81-04-068	106-116-102	AMD-P	81-04-050
16-316-660	AMD-P	81-08-058	34-02-030	NEW-P	81-04-068	106-116-102	AMD	81-08-010
16-316-660	AMD	81-11-022	34-04-010	NEW-P	81-04-068	106-116-201	AMD-P	81-04-050
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16-316-701	NEW	81-15-032	34-04-100	NEW-P	81-04-068	106-116-205	AMD-P	81-18-050
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16-316-705	REP	81-15-032	34-04-120	NEW-P	81-04-068	106-116-211	AMD-P	81-18-050
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16-316-721	NEW-P	81-12-052	51-12	AMD-P	81-12-033	106-116-306	AMD-P	81-04-050
16-316-721	NEW	81-15-032	67-30-005	NEW-P	81-17-081	106-116-306	AMD	81-08-010
16-316-723	NEW-P	81-12-052	67-30-080	NEW-P	81-17-081	106-116-306	AMD-P	81-18-050
16-316-723	NEW	81-15-032	67-30-090	NEW-P	81-17-081	106-116-311	AMD-P	81-18-050
16-316-724	NEW-P	81-12-052	67-30-100	NEW-P	81-17-081	106-116-403	AMD-P	81-04-050
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16-316-725	REP	81-15-032	67-30-125	NEW-P	81-17-081	106-116-404	AMD-P	81-18-050
16-316-726	REP-P	81-12-052	67-30-150	NEW-P	81-17-081	106-116-501	AMD-P	81-18-050
16-316-726	REP	81-15-032	67-30-180	NEW-P	81-17-081	106-116-513	AMD-P	81-04-050
16-316-728	REP-P	81-12-052	67-30-185	NEW-P	81-17-081	106-116-513	AMD	81-08-010
16-316-728	REP	81-15-032	67-30-190	NEW-P	81-17-081	106-116-514	AMD-P	81-04-050
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16-316-790	AMD	81-11-018	67-30-320	NEW-P	81-17-081	106-116-514	AMD-P	81-18-050
16-316-800	AMD-P	81-08-054	67-32-150	AMD-P	81-03-049	106-116-515	AMD-P	81-04-050
16-316-800	AMD	81-11-018	67-32-150	AMD	81-07-001	106-116-515	AMD	81-08-010
16-316-820	AMD-P	81-08-054	67-32-180	AMD	81-03-048	106-116-515	AMD-P	81-18-050
16-316-820	AMD	81-11-018	67-32-310	AMD-P	81-03-049	106-116-521	AMD-P	81-04-050
16-316-900	REP-P	81-12-052	67-32-310	AMD	81-07-001	106-116-521	AMD	81-08-010
16-316-900	REP	81-15-032	67-32-910	AMD-P	81-03-049	106-116-603	AMD-P	81-04-050
16-316-905	REP-P	81-12-052	67-32-910	AMD	81-07-001	106-116-603	AMD	81-08-010
16-316-905	REP	81-15-032	82-24-130	AMD-P	81-07-056	106-116-603	AMD-P	81-18-050
16-316-910	AMD-E	81-11-015	82-24-130	AMD	81-10-021	106-116-901	AMD-P	81-04-050
16-316-910	REP-P	81-12-052	82-28-050	AMD-P	81-06-073	106-116-901	AMD	81-08-010
16-316-910	REP	81-15-032	82-28-050	AMD-P	81-09-010	106-116-901	AMD-P	81-18-050
16-316-915	REP-P	81-12-052	82-28-050	AMD	81-10-020	106-160-006	REP-P	81-18-050

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118-03-010	NEW-E	81-09-051	118-10-010	NEW	81-15-015	
118-03-010	NEW-P	81-11-067	118-10-020	NEW-P	81-10-040	
118-03-010	NEW	81-15-012	118-10-020	NEW-P	81-13-007	
118-03-010	NEW-E	81-15-013	118-10-020	NEW	81-15-015	
118-03-030	NEW-E	81-09-051	118-10-030	NEW-P	81-10-040	
118-03-030	NEW-P	81-11-067	118-10-030	NEW-P	81-13-007	
118-03-030	NEW	81-15-012	118-10-030	NEW	81-15-015	
118-03-030	NEW-E	81-15-013	131-28-025	AMD-E	81-14-022	
118-03-050	NEW-E	81-09-051	131-28-025	AMD-P	81-16-071	
118-03-050	NEW-P	81-11-067	131-28-025	AMD	81-19-060	
118-03-050	NEW	81-15-012	131-28-026	AMD-E	81-14-022	
118-03-050	NEW-E	81-15-013	131-28-026	AMD-P	81-16-071	
118-03-070	NEW-E	81-09-051	131-28-026	AMD	81-19-060	
118-03-070	NEW-P	81-11-067	131-32-010	NEW-P	81-11-062	
118-03-070	NEW	81-15-012	131-32-010	NEW-E	81-12-006	
118-03-070	NEW-E	81-15-013	131-32-010	NEW	81-14-023	
118-03-090	NEW-E	81-09-051	131-32-020	NEW-P	81-11-062	
118-03-090	AMD-E	81-09-065	131-32-020	NEW-E	81-12-006	
118-03-090	AMD-P	81-11-067	131-32-020	NEW	81-14-023	
118-03-090	NEW	81-15-012	131-36-010	NEW-E	81-14-024	
118-03-090	NEW-E	81-15-013	131-36-010	NEW-P	81-16-021	
118-03-110	NEW-E	81-09-051	131-36-010	NEW	81-19-113	
118-03-110	NEW-P	81-11-067	131-36-050	NEW-P	81-16-021	
118-03-110	NEW	81-15-012	131-36-050	NEW	81-19-113	
118-03-110	NEW-E	81-15-013	131-36-100	NEW-E	81-14-024	
118-03-130	NEW-E	81-09-051	131-36-100	NEW-P	81-16-021	
118-03-130	NEW-P	81-11-067	131-36-100	NEW	81-19-113	
118-03-130	NEW	81-15-012	131-36-150	NEW-E	81-14-024	
118-03-130	NEW-E	81-15-013	131-36-150	NEW-P	81-16-021	
118-03-150	NEW-E	81-09-051	131-36-150	NEW	81-19-113	
118-03-150	AMD-E	81-09-065	131-36-200	NEW-E	81-14-024	
118-03-150	AMD-P	81-11-067	131-36-200	NEW-P	81-16-021	
118-03-150	NEW	81-15-012	131-36-200	NEW	81-19-113	
118-03-150	NEW-E	81-15-013	131-36-250	NEW-E	81-14-024	
118-03-170	NEW-E	81-09-051	131-36-250	NEW-P	81-16-021	
118-03-170	AMD-E	81-09-065	131-36-250	NEW	81-19-113	
118-03-170	AMD-P	81-11-067	131-36-300	NEW-E	81-14-024	
118-03-170	NEW	81-15-012	131-36-300	NEW-P	81-16-021	
118-03-170	NEW-E	81-15-013	131-36-300	NEW	81-19-113	
118-03-190	NEW-E	81-09-051	132A-104-005	REP-P	81-06-031	
118-03-190	NEW-P	81-11-067	132A-104-005	REP	81-10-039	
118-03-190	NEW	81-15-012	132B-12-003	REP-P	81-04-005	
118-03-190	NEW-E	81-15-013	132B-12-003	REP	81-10-008	
118-03-210	NEW-E	81-09-051	132B-12-006	REP-P	81-04-005	
118-03-210	NEW-P	81-11-067	132B-12-006	REP	81-10-008	
118-03-210	NEW	81-15-012	132B-12-009	REP-P	81-04-005	
118-03-210	NEW-E	81-15-013	132B-12-009	REP	81-10-008	
118-03-230	NEW-E	81-09-051	132B-12-012	REP-P	81-04-005	
118-03-230	AMD-E	81-09-065	132B-12-012	REP	81-10-008	
118-03-230	AMD-P	81-11-067	132B-12-015	REP-P	81-04-005	
118-03-230	NEW	81-15-012	132B-12-015	REP	81-10-008	
118-03-230	NEW-E	81-15-013	132B-12-018	REP-P	81-04-005	
118-03-250	NEW-E	81-09-051	132B-12-018	REP	81-10-008	
118-03-250	NEW-P	81-11-067	132B-12-021	REP-P	81-04-005	
118-03-250	NEW	81-15-012	132B-12-021	REP	81-10-008	
118-03-250	NEW-E	81-15-013	132B-12-024	REP-P	81-04-005	
118-03-270	NEW-E	81-09-051	132B-12-024	REP	81-10-008	
118-03-270	NEW-P	81-11-067	132B-12-027	REP-P	81-04-005	
118-03-270	NEW	81-15-012	132B-12-027	REP	81-10-008	
118-03-270	NEW-E	81-15-013	132B-12-030	REP-P	81-04-005	
118-03-290	NEW-E	81-09-051	132B-12-030	REP	81-10-008	
				132B-12-033	REP-P	81-04-005
				132B-12-033	REP	81-10-008
				132B-12-036	REP-P	81-04-005
				132B-12-036	REP	81-10-008
				132B-12-039	REP-P	81-04-005
				132B-12-039	REP	81-10-008
				132B-12-042	REP-P	81-04-005
				132B-12-042	REP	81-10-008
				132B-12-045	REP-P	81-04-005
				132B-12-045	REP	81-10-008
				132B-12-048	REP-P	81-04-005
				132B-12-048	REP	81-10-008
				132B-12-051	REP-P	81-04-005
				132B-12-051	REP	81-10-008
				132B-12-054	REP-P	81-04-005
				132B-12-054	REP	81-10-008
				132B-12-057	REP-P	81-04-005
				132B-12-057	REP	81-10-008
				132B-12-060	REP-P	81-04-005
				132B-12-060	REP	81-10-008
				132B-12-063	REP-P	81-04-005
				132B-12-063	REP	81-10-008
				132B-12-066	REP-P	81-04-005
				132B-12-066	REP	81-10-008
				132B-12-069	REP-P	81-04-005
				132B-12-069	REP	81-10-008
				132B-12-072	REP-P	81-04-005
				132B-12-072	REP	81-10-008
				132B-12-075	REP-P	81-04-005
				132B-12-075	REP	81-10-008
				132B-12-078	REP-P	81-04-005
				132B-12-078	REP	81-10-008
				132B-12-081	REP-P	81-04-005
				132B-12-081	REP	81-10-008
				132B-12-084	REP-P	81-04-005
				132B-12-084	REP	81-10-008
				132B-12-087	REP-P	81-04-005
				132B-12-087	REP	81-10-008
				132B-12-090	REP-P	81-04-005
				132B-12-090	REP	81-10-008
				132B-12-093	REP-P	81-04-005
				132B-12-093	REP	81-10-008
				132B-12-096	REP-P	81-04-005
				132B-12-096	REP	81-10-008
				132B-12-099	REP-P	81-04-005
				132B-12-099	REP	81-10-008
				132B-12-102	REP-P	81-04-005
				132B-12-102	REP	81-10-008
				132B-12-105	REP-P	81-04-005
				132B-12-105	REP	81-10-008
				132B-12-108	REP-P	81-04-005
				132B-12-108	REP	81-10-008
				132B-12-111	REP-P	81-04-005
				132B-12-111	REP	81-10-008
				132B-12-114	REP-P	81-04-005
				132B-12-114	REP	81-10-008
				132B-12-117	REP-P	81-04-005
				132B-12-117	REP	81-10-008
				132B-12-120	REP-P	81-04-005
				132B-12-120	REP	81-10-008
				132B-12-123	REP-P	81-04-005
				132B-12-123	REP	81-10-008
				132B-12-126	REP-P	81-04-005
				132B-12-126	REP	81-10-008
				132B-12-129	REP-P	81-04-005
				132B-12-129	REP	81-10-008
				132B-12-132	REP-P	81-04-005
				132B-12-132	REP	81-10-008
				132B-12-135	REP-P	81-04-005
				132B-12-135	REP	81-10-008
				132B-12-138	REP-P	81-04-005
				132B-12-138	REP	81-10-008
				132B-12-141	REP-P	81-04-005
				132B-12-141	REP	81-10-008

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WAC #	WSR #	WAC #	WSR #	WAC #	WSR #			
132B-12-144	REP-P	81-04-005	132B-12-255	REP-P	81-04-005	132B-128-020	AMD-P	81-04-005
132B-12-144	REP	81-10-008	132B-12-255	REP	81-10-008	132B-128-020	AMD	81-10-008
132B-12-147	REP-P	81-04-005	132B-12-258	REP-P	81-04-005	132B-276-040	AMD-P	81-04-005
132B-12-147	REP	81-10-008	132B-12-258	REP	81-10-008	132B-276-040	AMD	81-10-008
132B-12-150	REP-P	81-04-005	132B-12-261	REP-P	81-04-005	132F-08-001	AMD-P	81-07-007
132B-12-150	REP	81-10-008	132B-12-261	REP	81-10-008	132F-08-001	AMD-P	81-10-063
132B-12-153	REP-P	81-04-005	132B-12-264	REP-P	81-04-005	132F-08-001	AMD-P	81-11-058
132B-12-153	REP	81-10-008	132B-12-264	REP	81-10-008	132F-08-001	AMD	81-14-072
132B-12-156	REP-P	81-04-005	132B-12-267	REP-P	81-04-005	132F-08-080	AMD-P	81-07-007
132B-12-156	REP	81-10-008	132B-12-267	REP	81-10-008	132F-08-080	AMD-P	81-10-063
132B-12-159	REP-P	81-04-005	132B-12-270	REP-P	81-04-005	132F-08-080	AMD-P	81-11-058
132B-12-159	REP	81-10-008	132B-12-270	REP	81-10-008	132F-08-080	AMD	81-14-072
132B-12-162	REP-P	81-04-005	132B-12-273	REP-P	81-04-005	132F-08-120	AMD-P	81-07-007
132B-12-162	REP	81-10-008	132B-12-273	REP	81-10-008	132F-08-120	AMD-P	81-10-063
132B-12-165	REP-P	81-04-005	132B-12-276	REP-P	81-04-005	132F-08-120	AMD-P	81-11-058
132B-12-165	REP	81-10-008	132B-12-276	REP	81-10-008	132F-08-120	AMD	81-14-072
132B-12-168	REP-P	81-04-005	132B-12-279	REP-P	81-04-005	132F-08-140	AMD-P	81-07-007
132B-12-168	REP	81-10-008	132B-12-279	REP	81-10-008	132F-08-140	AMD-P	81-10-063
132B-12-171	REP-P	81-04-005	132B-12-282	REP-P	81-04-005	132F-08-140	AMD-P	81-11-058
132B-12-171	REP	81-10-008	132B-12-282	REP	81-10-008	132F-08-140	AMD	81-14-072
132B-12-174	REP-P	81-04-005	132B-12-285	REP-P	81-04-005	132F-104-030	AMD-P	81-07-008
132B-12-174	REP	81-10-008	132B-12-285	REP	81-10-008	132F-104-030	AMD-P	81-10-062
132B-12-177	REP-P	81-04-005	132B-12-288	REP-P	81-04-005	132F-104-030	AMD-P	81-11-056
132B-12-177	REP	81-10-008	132B-12-288	REP	81-10-008	132F-104-030	AMD	81-14-073
132B-12-180	REP-P	81-04-005	132B-12-291	REP-P	81-04-005	132F-104-810	AMD-P	81-07-008
132B-12-180	REP	81-10-008	132B-12-291	REP	81-10-008	132F-104-810	AMD-P	81-10-062
132B-12-183	REP-P	81-04-005	132B-12-294	REP-P	81-04-005	132F-104-810	AMD-P	81-11-056
132B-12-183	REP	81-10-008	132B-12-294	REP	81-10-008	132F-104-810	AMD	81-14-073
132B-12-186	REP-P	81-04-005	132B-12-297	REP-P	81-04-005	132F-104-811	AMD-P	81-07-008
132B-12-186	REP	81-10-008	132B-12-297	REP	81-10-008	132F-104-811	AMD-P	81-10-062
132B-12-189	REP-P	81-04-005	132B-12-300	REP-P	81-04-005	132F-104-811	AMD-P	81-11-056
132B-12-189	REP	81-10-008	132B-12-300	REP	81-10-008	132F-104-811	AMD	81-14-073
132B-12-192	REP-P	81-04-005	132B-12-303	REP-P	81-04-005	132F-104-812	AMD-P	81-07-008
132B-12-192	REP	81-10-008	132B-12-303	REP	81-10-008	132F-104-812	AMD-P	81-10-062
132B-12-195	REP-P	81-04-005	132B-12-306	REP-P	81-04-005	132F-104-812	AMD-P	81-11-056
132B-12-195	REP	81-10-008	132B-12-306	REP	81-10-008	132F-104-812	AMD	81-14-073
132B-12-198	REP-P	81-04-005	132B-12-309	REP-P	81-04-005	132F-104-813	AMD-P	81-07-008
132B-12-198	REP	81-10-008	132B-12-309	REP	81-10-008	132F-104-813	AMD-P	81-10-062
132B-12-201	REP-P	81-04-005	132B-12-312	REP-P	81-04-005	132F-104-813	AMD-P	81-11-056
132B-12-201	REP	81-10-008	132B-12-312	REP	81-10-008	132F-104-813	AMD	81-14-073
132B-12-204	REP-P	81-04-005	132B-12-315	REP-P	81-04-005	132F-104-814	AMD-P	81-07-008
132B-12-204	REP	81-10-008	132B-12-315	REP	81-10-008	132F-104-814	AMD-P	81-10-062
132B-12-207	REP-P	81-04-005	132B-12-318	REP-P	81-04-005	132F-104-814	AMD-P	81-11-056
132B-12-207	REP	81-10-008	132B-12-318	REP	81-10-008	132F-104-814	AMD	81-14-073
132B-12-210	REP-P	81-04-005	132B-12-321	REP-P	81-04-005	132F-104-815	AMD-P	81-07-008
132B-12-210	REP	81-10-008	132B-12-321	REP	81-10-008	132F-104-815	AMD-?	81-10-062
132B-12-213	REP-P	81-04-005	132B-12-324	REP-P	81-04-005	132F-104-815	AMD-P	81-11-056
132B-12-213	REP	81-10-008	132B-12-324	REP	81-10-008	132F-104-815	AMD	81-14-073
132B-12-216	REP-P	81-04-005	132B-12-327	REP-P	81-04-005	132F-104-818	AMD-P	81-07-008
132B-12-216	REP	81-10-008	132B-12-327	REP	81-10-008	132F-104-818	AMD-P	81-10-062
132B-12-219	REP-P	81-04-005	132B-12-330	REP-P	81-04-005	132F-104-818	AMD-P	81-11-056
132B-12-219	REP	81-10-008	132B-12-330	REP	81-10-008	132F-104-818	AMD	81-14-073
132B-12-222	REP-P	81-04-005	132B-12-333	REP-P	81-04-005	132F-104-819	AMD-P	81-07-008
132B-12-222	REP	81-10-008	132B-12-333	REP	81-10-008	132F-104-819	AMD-P	81-10-062
132B-12-225	REP-P	81-04-005	132B-12-336	REP-P	81-04-005	132F-104-819	AMD-P	81-11-056
132B-12-225	REP	81-10-008	132B-12-336	REP	81-10-008	132F-104-819	AMD	81-14-073
132B-12-228	REP-P	81-04-005	132B-12-339	REP-P	81-04-005	132F-136-020	AMD-P	81-07-023
132B-12-228	REP	81-10-008	132B-12-339	REP	81-10-008	132F-136-020	AMD-P	81-10-064
132B-12-231	REP-P	81-04-005	132B-12-342	REP-P	81-04-005	132F-136-020	AMD	81-12-008
132B-12-231	REP	81-10-008	132B-12-342	REP	81-10-008	132F-136-040	AMD-P	81-07-023
132B-12-234	REP-P	81-04-005	132B-12-345	REP-P	81-04-005	132F-136-040	AMD-P	81-10-064
132B-12-234	REP	81-10-008	132B-12-345	REP	81-10-008	132F-136-040	AMD	81-12-008
132B-12-237	REP-P	81-04-005	132B-12-348	REP-P	81-04-005	132F-136-050	AMD-P	81-07-023
132B-12-237	REP	81-10-008	132B-12-348	REP	81-10-008	132F-136-050	AMD-P	81-10-064
132B-12-240	REP-P	81-04-005	132B-12-351	REP-P	81-04-005	132F-136-050	AMD	81-12-008
132B-12-240	REP	81-10-008	132B-12-351	REP	81-10-008	132H-105-010	AMD-P	81-15-058
132B-12-243	REP-P	81-04-005	132B-12-354	REP-P	81-04-005	132H-105-010	AMD	81-19-094
132B-12-243	REP	81-10-008	132B-12-354	REP	81-10-008	132H-120-060	AMD-P	81-08-065
132B-12-246	REP-P	81-04-005	132B-12-357	REP-P	81-04-005	132H-120-060	AMD-P	81-11-012
132B-12-246	REP	81-10-008	132B-12-357	REP	81-10-008	132H-120-060	AMD-P	81-13-008
132B-12-249	REP-P	81-04-005	132B-12-360	REP-P	81-04-005	132H-120-200	AMD-P	81-03-077
132B-12-249	REP	81-10-008	132B-12-360	REP	81-10-008	132H-120-200	AMD	81-07-034
132B-12-252	REP-P	81-04-005	132B-12-363	REP-P	81-04-005	132H-160-020	REP-P	81-08-066
132B-12-252	REP	81-10-008	132B-12-363	REP	81-10-008	132H-160-020	REP	81-11-013

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132H-160-030	REP-P	81-08-066	132M-104-010	AMD-P	81-10-054	132M-150-030	REP-W	81-04-026
132H-160-030	REP	81-11-013	132M-112-010	NEW-W	81-04-026	132M-150-030	REP-P	81-10-054
132H-160-040	AMD-P	81-08-066	132M-112-010	NEW-P	81-10-054	132M-150-033	REP-W	81-04-026
132H-160-040	AMD	81-11-013	132M-112-011	NEW-W	81-04-026	132M-150-033	REP-P	81-10-054
132H-160-040	AMD-E	81-13-004	132M-112-011	NEW-P	81-10-054	132M-150-036	REP-W	81-04-026
132H-160-040	AMD-P	81-14-002	132M-113-010	NEW-W	81-04-026	132M-150-036	REP-P	81-10-054
132H-160-040	AMD	81-18-005	132M-113-010	NEW-P	81-10-054	132M-150-039	REP-W	81-04-026
132H-160-050	AMD-P	81-08-066	132M-113-015	NEW-W	81-04-026	132M-150-039	REP-P	81-10-054
132H-160-050	AMD	81-11-013	132M-113-015	NEW-P	81-10-054	132M-150-042	REP-W	81-04-026
132H-160-050	AMD-E	81-13-004	132M-113-020	NEW-W	81-04-026	132M-150-042	REP-P	81-10-054
132H-160-050	AMD-P	81-14-002	132M-113-020	NEW-P	81-10-054	132M-150-045	REP-W	81-04-026
132H-160-050	AMD	81-18-005	132M-113-025	NEW-W	81-04-026	132M-150-045	REP-P	81-10-054
132H-160-110	REP-P	81-08-066	132M-113-025	NEW-P	81-10-054	132M-150-048	REP-W	81-04-026
132H-160-110	REP	81-11-013	132M-113-030	NEW-W	81-04-026	132M-150-048	REP-P	81-10-054
132H-160-130	REP-P	81-08-066	132M-113-030	NEW-P	81-10-054	132M-150-051	REP-W	81-04-026
132H-160-130	REP	81-11-013	132M-113-035	NEW-W	81-04-026	132M-150-051	REP-P	81-10-054
132H-160-160	REP-P	81-08-066	132M-113-035	NEW-P	81-10-054	132M-150-054	REP-W	81-04-026
132H-160-160	REP	81-11-013	132M-113-040	NEW-W	81-04-026	132M-150-054	REP-P	81-10-054
132H-160-250	AMD-P	81-08-066	132M-113-040	NEW-P	81-10-054	132M-150-057	REP-W	81-04-026
132H-160-250	AMD	81-11-013	132M-113-045	NEW-W	81-04-026	132M-150-057	REP-P	81-10-054
132H-160-260	AMD-P	81-08-066	132M-113-045	NEW-P	81-10-054	132M-150-060	REP-W	81-04-026
132H-160-260	AMD	81-11-013	132M-113-050	NEW-W	81-04-026	132M-150-060	REP-P	81-10-054
132H-160-310	AMD-P	81-08-066	132M-115-010	NEW-W	81-04-026	132M-150-063	REP-W	81-04-026
132H-160-310	AMD	81-11-013	132M-115-010	NEW-P	81-10-054	132M-150-063	REP-P	81-10-054
132H-160-430	AMD-P	81-08-066	132M-115-020	NEW-W	81-04-026	132M-160-015	NEW-W	81-04-026
132H-160-430	AMD	81-11-013	132M-115-020	NEW-P	81-10-054	132M-160-020	REP-W	81-04-026
132H-160-480	REP-P	81-08-066	132M-115-030	NEW-W	81-04-026	132M-160-020	REP-P	81-10-054
132H-160-480	REP	81-11-013	132M-115-030	NEW-P	81-10-054	132M-160-030	REP-W	81-04-026
132I-104-060	AMD-P	81-16-075	132M-115-040	NEW-W	81-04-026	132M-160-030	REP-P	81-10-054
132J-116-040	AMD-P	81-09-062	132M-115-040	NEW-P	81-10-054	132M-160-040	NEW-W	81-04-026
132J-116-040	AMD	81-14-011	132M-116-010	AMD-W	81-04-026	132M-168-010	REP-W	81-04-026
132J-116-050	AMD-P	81-09-062	132M-116-010	AMD-P	81-10-054	132M-168-010	REP-P	81-10-054
132J-116-050	AMD	81-14-011	132M-120-060	AMD-W	81-04-026	132M-168-020	REP-W	81-04-026
132J-116-060	AMD-P	81-09-062	132M-120-060	REP-P	81-10-054	132M-168-020	REP-P	81-10-054
132J-116-060	AMD	81-14-011	132M-120-070	AMD-W	81-04-026	132M-168-030	REP-W	81-04-026
132J-116-220	AMD-P	81-09-062	132M-120-070	AMD-P	81-10-054	132M-168-030	REP-P	81-10-054
132J-116-220	AMD	81-14-011	132M-120-075	NEW-W	81-04-026	132M-168-040	REP-W	81-04-026
132K-20-070	AMD-P	81-03-023	132M-120-090	AMD-W	81-04-026	132M-168-040	REP-P	81-10-054
132K-20-070	AMD	81-07-025	132M-120-090	REP-P	81-10-054	132M-168-050	REP-W	81-04-026
132K-28-010	REP-P	81-06-029	132M-136-010	REP-W	81-04-026	132M-168-050	REP-P	81-10-054
132K-28-010	REP	81-09-028	132M-136-010	REP-P	81-10-054	132P-28-010	REP-E	81-19-093
132K-112-200	REP-P	81-03-022	132M-136-020	AMD-W	81-04-026	132P-28-020	REP-E	81-19-093
132K-112-200	REP-P	81-07-024	132M-136-020	AMD-P	81-10-054	132P-28-030	REP-E	81-19-093
132K-112-200	REP	81-10-022	132M-136-030	AMD-W	81-04-026	132P-28-040	REP-E	81-19-093
132L-26	AMD-P	81-11-024	132M-136-040	REP-W	81-04-026	132P-28-050	REP-E	81-19-093
132L-26-010	AMD-P	81-08-041	132M-136-040	REP-P	81-10-054	132P-28-055	REP-E	81-19-093
132L-26-010	AMD-E	81-13-020	132M-136-050	AMD-W	81-04-026	132P-28-070	REP-E	81-19-093
132L-26-010	AMD	81-13-021	132M-136-060	AMD-W	81-04-026	132P-28-080	REP-E	81-19-093
132L-26-030	AMD	81-03-036	132M-136-060	AMD-P	81-10-054	132P-33-010	NEW-P	81-12-031
132L-26-035	AMD	81-03-036	132M-136-070	AMD-W	81-04-026	132P-33-020	NEW-P	81-12-031
132L-26-040	AMD-P	81-08-041	132M-136-070	REP-P	81-10-054	132P-33-030	NEW-P	81-12-031
132L-26-040	AMD-E	81-13-020	132M-136-075	NEW-W	81-04-026	132P-33-040	NEW-P	81-12-031
132L-26-040	AMD	81-13-021	132M-136-090	AMD-W	81-04-026	132P-33-050	NEW-P	81-12-031
132L-26-050	AMD	81-03-036	132M-136-090	REP-P	81-10-054	132P-33-060	NEW-P	81-12-031
132L-26-050	AMD-E	81-13-020	132M-140-020	REP-W	81-04-026	132P-33-070	NEW-P	81-12-031
132L-26-050	AMD	81-13-021	132M-140-020	REP-P	81-10-054	132P-33-080	NEW-P	81-12-031
132L-26-060	AMD-P	81-08-041	132M-150-003	REP-W	81-04-026	132P-33-090	NEW-P	81-12-031
132L-26-060	AMD-E	81-13-020	132M-150-003	REP-P	81-10-054	132P-33-100	NEW-P	81-12-031
132L-26-060	AMD	81-13-021	132M-150-006	REP-W	81-04-026	132P-33-110	NEW-P	81-12-031
132L-26-075	AMD-P	81-08-041	132M-150-006	REP-P	81-10-054	132P-33-120	NEW-P	81-12-031
132L-26-075	AMD-E	81-13-020	132M-150-009	REP-W	81-04-026	132P-33-130	NEW-P	81-12-031
132L-26-075	AMD	81-13-021	132M-150-009	REP-P	81-10-054	132P-33-140	NEW-P	81-12-031
132L-26-080	AMD-E	81-13-020	132M-150-012	REP-W	81-04-026	132P-33-150	NEW-P	81-12-031
132L-26-080	AMD	81-13-021	132M-150-012	REP-P	81-10-054	132P-33-160	NEW-P	81-12-031
132L-112-200	AMD	81-03-037	132M-150-015	REP-W	81-04-026	132P-33-170	NEW-P	81-12-031
132L-112-210	AMD	81-03-037	132M-150-015	REP-P	81-10-054	132P-33-180	NEW-P	81-12-031
132L-112-280	AMD	81-03-037	132M-150-018	REP-W	81-04-026	132P-33-190	NEW-P	81-12-031
132L-128-030	AMD-P	81-09-029	132M-150-018	REP-P	81-10-054	132P-33-200	NEW-P	81-12-031
132L-128-030	AMD	81-13-019	132M-150-021	REP-W	81-04-026	132P-33-210	NEW-P	81-12-031
132L-128-060	AMD-P	81-09-029	132M-150-021	REP-P	81-10-054	132P-33-220	NEW-P	81-12-031
132L-128-060	AMD	81-13-019	132M-150-024	REP-W	81-04-026	132P-33-230	NEW-P	81-12-031
132L-128-070	AMD-P	81-09-029	132M-150-024	REP-P	81-10-054	132P-33-240	NEW-P	81-12-031
132L-128-070	AMD	81-13-019	132M-150-027	REP-W	81-04-026	132P-33-250	NEW-P	81-12-031
132M-104-010	AMD-W	81-04-026	132M-150-027	REP-P	81-10-054	132P-33-260	NEW-P	81-12-031

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132P-33-280	NEW-P	81-12-031	132Y-20-010	NEW	81-17-041	137-08-090	NEW-P	81-15-092
132P-33-290	NEW-P	81-12-031	132Y-100	AMD-P	81-17-012	137-08-100	NEW-P	81-15-092
132P-33-300	NEW-P	81-12-031	132Y-100-001	NEW-P	81-14-044	137-08-110	NEW-P	81-15-092
132P-33-310	NEW-P	81-12-031	132Y-100-001	NEW	81-17-042	137-08-120	NEW-P	81-15-092
132P-33-320	NEW-P	81-12-031	132Y-100-004	NEW-P	81-14-044	137-08-130	NEW-P	81-15-092
132P-33-330	NEW-P	81-12-031	132Y-100-004	NEW	81-17-042	137-08-140	NEW-P	81-15-092
132P-33-340	NEW-P	81-12-031	132Y-100-008	NEW-P	81-14-044	137-08-150	NEW-P	81-15-092
132P-33-350	NEW-P	81-12-031	132Y-100-008	NEW	81-17-042	137-08-160	NEW-P	81-15-092
132Q-04-086	NEW-P	81-13-039	132Y-100-012	NEW-P	81-14-044	137-08-170	NEW-P	81-15-092
132Q-04-086	NEW-P	81-18-034	132Y-100-012	NEW	81-17-042	137-08-180	NEW-P	81-15-092
132Q-04-200	AMD-P	81-13-039	132Y-100-016	NEW-P	81-14-044	137-12-010	NEW-P	81-14-080
132Q-04-200	AMD-P	81-18-034	132Y-100-016	NEW	81-17-042	137-12-010	NEW-E	81-14-081
132S-12-055	NEW-P	81-09-001	132Y-100-020	NEW-P	81-14-044	137-12-010	NEW	81-19-001
132S-12-055	NEW	81-13-023	132Y-100-020	NEW	81-17-042	137-12-020	NEW-P	81-14-080
132V-22-010	AMD-E	81-03-047	132Y-100-024	NEW-P	81-14-044	137-12-020	NEW-E	81-14-081
132V-22-010	AMD-P	81-03-061	132Y-100-024	NEW	81-17-042	137-12-020	NEW	81-19-001
132V-22-010	AMD	81-08-002	132Y-100-028	NEW-P	81-14-044	137-12-030	NEW-P	81-14-080
132V-22-020	AMD-E	81-03-047	132Y-100-028	NEW	81-17-042	137-12-030	NEW-E	81-14-081
132V-22-020	AMD-P	81-03-061	132Y-100-032	NEW-P	81-14-044	137-12-030	NEW	81-19-001
132V-22-020	AMD	81-08-002	132Y-100-032	NEW	81-17-042	137-12-040	NEW-P	81-14-080
132V-22-030	AMD-E	81-03-047	132Y-100-036	NEW-P	81-14-044	137-12-040	NEW-E	81-14-081
132V-22-030	AMD-P	81-03-061	132Y-100-036	NEW	81-17-042	137-12-040	NEW	81-19-001
132V-22-030	AMD	81-08-002	132Y-100-040	NEW-P	81-14-044	137-12-050	NEW-P	81-14-080
132V-22-040	AMD-E	81-03-047	132Y-100-040	NEW	81-17-042	137-12-050	NEW-E	81-14-081
132V-22-040	AMD-P	81-03-061	132Y-100-044	NEW-P	81-14-044	137-12-050	NEW	81-19-001
132V-22-040	AMD	81-08-002	132Y-100-044	NEW	81-17-042	137-12-060	NEW-P	81-14-080
132V-22-050	AMD-E	81-03-047	132Y-100-048	NEW-P	81-14-044	137-12-060	NEW-E	81-14-081
132V-22-050	AMD-P	81-03-061	132Y-100-048	NEW	81-17-042	137-12-060	NEW	81-19-001
132V-22-050	AMD	81-08-002	132Y-100-052	NEW-P	81-14-044	137-12-070	NEW-P	81-14-080
132V-22-060	AMD-E	81-03-047	132Y-100-052	NEW	81-17-042	137-12-070	NEW-E	81-14-081
132V-22-060	AMD-P	81-03-061	132Y-100-056	NEW-P	81-14-044	137-12-070	NEW	81-19-001
132V-22-060	AMD	81-08-002	132Y-100-056	NEW	81-17-042	137-12-080	NEW-P	81-14-080
132V-22-100	AMD-E	81-03-047	132Y-100-060	NEW-P	81-14-044	137-12-080	NEW-E	81-14-081
132V-22-100	AMD-P	81-03-061	132Y-100-060	NEW	81-17-042	137-12-080	NEW	81-19-001
132V-22-100	AMD	81-08-002	132Y-100-064	NEW-P	81-14-044	137-12-090	NEW-P	81-14-080
132V-22-200	AMD-E	81-03-047	132Y-100-064	NEW	81-17-042	137-12-090	NEW-E	81-14-081
132V-22-200	AMD-P	81-03-061	132Y-100-068	NEW-P	81-14-044	137-12-090	NEW	81-19-001
132V-22-200	AMD	81-08-002	132Y-100-068	NEW	81-17-042	137-20-010	NEW-P	81-15-092
132W-116-010	AMD-E	81-17-043	132Y-100-072	NEW-P	81-14-044	137-20-020	NEW-P	81-15-092
132W-116-020	AMD-E	81-17-043	132Y-100-072	NEW	81-17-042	137-20-030	NEW-P	81-15-092
132W-116-050	AMD-E	81-17-043	132Y-100-076	NEW-P	81-14-044	137-20-040	NEW-P	81-15-092
132W-116-065	NEW-E	81-17-043	132Y-100-076	NEW	81-17-042	137-20-040	NEW-P	81-15-092
132W-149-010	AMD-P	81-13-036	132Y-100-080	NEW-P	81-14-044	137-24-010	NEW-P	81-15-092
132W-149-010	AMD	81-17-044	132Y-100-080	NEW	81-17-042	137-24-020	NEW-P	81-15-092
132W-149-020	REP-P	81-13-036	132Y-100-084	NEW-P	81-14-044	137-24-030	NEW-P	81-15-092
132W-149-020	REP	81-17-044	132Y-100-084	NEW	81-17-042	137-24-040	NEW-P	81-15-092
132W-149-022	REP-P	81-13-036	132Y-100-088	NEW-P	81-14-044	137-24-050	NEW-P	81-15-092
132W-149-022	REP	81-17-044	132Y-100-088	NEW	81-17-042	137-24-060	NEW-P	81-15-092
132W-149-024	REP-P	81-13-036	132Y-100-092	NEW-P	81-14-044	137-24-070	NEW-P	81-15-092
132W-149-024	REP	81-17-044	132Y-100-092	NEW	81-17-042	137-24-080	NEW-P	81-15-092
132W-149-026	REP-P	81-13-036	132Y-100-096	NEW-P	81-14-044	137-24-090	NEW-P	81-15-092
132W-149-026	REP	81-17-044	132Y-100-096	NEW	81-17-042	137-24-100	NEW-P	81-15-092
132W-149-030	REP-P	81-13-036	132Y-100-100	NEW-P	81-14-044	137-24-110	NEW-P	81-15-092
132W-149-030	REP	81-17-044	132Y-100-100	NEW	81-17-042	137-24-120	NEW-P	81-15-092
132W-149-040	REP-P	81-13-036	132Y-100-104	NEW-P	81-14-044	137-24-130	NEW-P	81-15-092
132W-149-040	REP	81-17-044	132Y-100-104	NEW	81-17-042	137-24-140	NEW-P	81-15-092
132W-149-050	REP-P	81-13-036	132Y-100-108	NEW-P	81-14-044	137-24-150	NEW-P	81-15-092
132W-149-050	REP	81-17-044	132Y-100-108	NEW	81-17-042	137-24-160	NEW-P	81-15-092
132W-149-070	REP-P	81-13-036	132Y-100-112	NEW-P	81-14-044	137-28-010	NEW-P	81-15-092
132W-149-070	REP	81-17-044	132Y-100-112	NEW	81-17-042	137-28-020	NEW-P	81-15-092
132W-149-080	REP-P	81-13-036	132Y-100-116	NEW-P	81-14-044	137-28-030	NEW-P	81-15-092
132W-149-080	REP	81-17-044	132Y-100-116	NEW	81-17-042	137-28-040	NEW-P	81-15-092
132W-149-090	REP-P	81-13-036	132Y-100-120	NEW-P	81-14-044	137-28-050	NEW-P	81-15-092
132W-149-090	REP	81-17-044	132Y-100-120	NEW	81-17-042	137-28-060	NEW-P	81-15-092
132W-149-100	REP-P	81-13-036	137-04-010	NEW-P	81-15-092	137-28-070	NEW-P	81-15-092
132W-149-100	REP	81-17-044	137-04-020	NEW-P	81-15-092	137-28-080	NEW-P	81-15-092
132W-149-110	REP-P	81-13-036	137-08-010	NEW-P	81-15-092	137-28-090	NEW-P	81-15-092
132W-149-110	REP	81-17-044	137-08-020	NEW-P	81-15-092	137-28-100	NEW-P	81-15-092
132W-149-120	REP-P	81-13-036	137-08-030	NEW-P	81-15-092	137-28-110	NEW-P	81-15-092
132W-149-120	REP	81-17-044	137-08-040	NEW-P	81-15-092	137-28-120	NEW-P	81-15-092
132W-149-130	REP-P	81-13-036	137-08-050	NEW-P	81-15-092	137-28-130	NEW-P	81-15-092
132W-149-130	REP	81-17-044	137-08-060	NEW-P	81-15-092	137-28-140	NEW-P	81-15-092
132Y-20	AMD-P	81-17-011	137-08-070	NEW-P	81-15-092	137-28-150	NEW-P	81-15-092
						137-28-160	NEW-P	81-15-092

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137-28-180	NEW-P 81-15-092	137-52-030	NEW-P 81-15-092	143-06-100	AMD 81-07-004
137-28-190	NEW-P 81-15-092	137-52-040	NEW-P 81-15-092	143-06-110	AMD-P 81-03-034
137-28-200	NEW-P 81-15-092	137-52-050	NEW-P 81-15-092	143-06-110	AMD 81-07-004
137-28-210	NEW-P 81-15-092	137-52-060	NEW-P 81-15-092	143-06-120	AMD-P 81-03-034
137-28-220	NEW-P 81-15-092	137-52-070	NEW-P 81-15-092	143-06-120	AMD 81-07-004
137-28-230	NEW-P 81-15-092	137-52-080	NEW-P 81-15-092	143-06-130	AMD-P 81-03-034
137-28-240	NEW-P 81-15-092	137-52-090	NEW-P 81-15-092	143-06-130	AMD 81-07-004
137-28-250	NEW-P 81-15-092	137-52-100	NEW-P 81-15-092	143-06-140	AMD-P 81-03-034
137-28-260	NEW-P 81-15-092	137-56-010	NEW-P 81-15-092	143-06-140	AMD 81-07-004
137-28-270	NEW-P 81-15-092	137-56-020	NEW-P 81-15-092	143-06-150	AMD-P 81-03-034
137-28-280	NEW-P 81-15-092	137-56-030	NEW-P 81-15-092	143-06-150	AMD 81-07-004
137-32-010	NEW-P 81-15-092	137-56-040	NEW-P 81-15-092	143-06-990	AMD-P 81-03-034
137-32-020	NEW-P 81-15-092	137-56-050	NEW-P 81-15-092	143-06-990	AMD 81-07-004
137-32-030	NEW-P 81-15-092	137-56-060	NEW-P 81-15-092	172-114-010	AMD 81-03-012
137-32-040	NEW-P 81-15-092	137-56-070	NEW-P 81-15-092	172-114-020	AMD 81-03-012
137-32-050	NEW-P 81-15-092	137-56-080	NEW-P 81-15-092	172-114-030	AMD 81-03-012
137-32-060	NEW-P 81-15-092	137-56-090	NEW-P 81-15-092	172-114-040	AMD 81-03-012
137-32-070	NEW-P 81-15-092	137-56-100	NEW-P 81-15-092	172-114-050	AMD 81-03-012
137-32-080	NEW-P 81-15-092	137-56-110	NEW-P 81-15-092	172-114-060	AMD 81-03-012
137-32-090	NEW-P 81-15-092	137-56-120	NEW-P 81-15-092	172-114-070	AMD 81-03-012
137-32-100	NEW-P 81-15-092	137-56-140	NEW-P 81-15-092	172-114-080	AMD 81-03-012
137-36-010	NEW-P 81-15-092	137-56-150	NEW-P 81-15-092	172-114-090	AMD 81-03-012
137-36-020	NEW-P 81-15-092	137-56-160	NEW-P 81-15-092	172-114-100	REP 81-03-012
137-36-030	NEW-P 81-15-092	137-56-170	NEW-P 81-15-092	172-114-110	REP 81-03-012
137-36-040	NEW-P 81-15-092	137-56-180	NEW-P 81-15-092	172-120-010	AMD 81-06-023
137-40-010	NEW-P 81-15-092	137-56-190	NEW-P 81-15-092	172-120-020	AMD 81-06-023
137-40-020	NEW-P 81-15-092	137-56-200	NEW-P 81-15-092	172-120-040	AMD 81-06-023
137-40-030	NEW-P 81-15-092	137-56-210	NEW-P 81-15-092	172-120-050	AMD 81-06-023
137-40-040	NEW-P 81-15-092	137-56-220	NEW-P 81-15-092	172-120-060	AMD 81-06-023
137-40-050	NEW-P 81-15-092	137-56-230	NEW-P 81-15-092	172-120-070	AMD 81-06-023
137-40-060	NEW-P 81-15-092	137-56-240	NEW-P 81-15-092	172-120-080	AMD 81-06-023
137-40-070	NEW-P 81-15-092	137-56-250	NEW-P 81-15-092	172-120-090	AMD 81-06-023
137-44-010	NEW-P 81-15-092	137-56-260	NEW-P 81-15-092	172-120-100	AMD 81-06-023
137-44-020	NEW-P 81-15-092	137-56-270	NEW-P 81-15-092	172-120-110	AMD 81-06-023
137-44-030	NEW-P 81-15-092	137-60-010	NEW-P 81-15-092	172-120-120	AMD 81-06-023
137-44-040	NEW-P 81-15-092	137-60-020	NEW-P 81-15-092	172-120-130	AMD 81-06-023
137-44-050	NEW-P 81-15-092	137-60-030	NEW-P 81-15-092	172-120-140	AMD 81-06-023
137-44-060	NEW-P 81-15-092	137-60-040	NEW-P 81-15-092	173-06-065	NEW-P 81-06-048
137-44-070	NEW-P 81-15-092	137-60-050	NEW-P 81-15-092	173-06-065	NEW-E 81-06-049
137-44-080	NEW-P 81-15-092	137-60-060	NEW-P 81-15-092	173-06-065	NEW 81-09-056
137-44-090	NEW-P 81-15-092	137-64-010	NEW-P 81-15-092	173-14-140	AMD 81-04-027
137-44-100	NEW-P 81-15-092	137-64-030	NEW-P 81-15-092	173-14-150	AMD 81-04-027
137-44-110	NEW-P 81-15-092	137-68-010	NEW-P 81-15-092	173-14-155	NEW 81-04-027
137-44-120	NEW-P 81-15-092	137-68-020	NEW-P 81-15-092	173-14-180	AMD 81-04-027
137-44-130	NEW-P 81-15-092	137-68-030	NEW-P 81-15-092	173-14-190	REP 81-04-027
137-44-140	NEW-P 81-15-092	137-68-040	NEW-P 81-15-092	173-19-120	AMD-P 81-12-055
137-44-150	NEW-P 81-15-092	137-68-050	NEW-P 81-15-092	173-19-120	AMD 81-15-062
137-44-160	NEW-P 81-15-092	139-14-010	AMD-P 81-10-030	173-19-120	AMD-P 81-17-073
137-44-170	NEW-P 81-15-092	139-14-010	AMD 81-14-026	173-19-210	AMD-W 81-04-065
137-44-180	NEW-P 81-15-092	139-24-010	REP 81-04-014	173-19-210	AMD-P 81-09-079
137-44-190	NEW-P 81-15-092	139-26-010	NEW-P 81-17-066	173-19-210	AMD 81-13-055
137-44-200	NEW-P 81-15-092	139-32-010	AMD-P 81-10-031	173-19-2102	AMD-P 81-12-053
137-44-210	NEW-P 81-15-092	139-32-010	AMD 81-14-049	173-19-2102	AMD 81-16-079
137-44-220	NEW-P 81-15-092	139-44-010	REP-P 81-17-067	173-19-250	AMD 81-16-080
137-44-230	NEW-P 81-15-092	139-46-010	NEW-P 81-17-068	173-19-2503	AMD-P 81-08-071
137-44-240	NEW-P 81-15-092	143-06-010	AMD-P 81-03-034	173-19-2503	AMD 81-11-027
137-44-250	NEW-P 81-15-092	143-06-010	AMD 81-07-004	173-19-2511	AMD-W 81-08-004
137-44-260	NEW-P 81-15-092	143-06-020	AMD-P 81-03-034	173-19-2515	AMD-W 81-08-004
137-44-270	NEW-P 81-15-092	143-06-020	AMD 81-07-004	173-19-2515	AMD-P 81-08-071
137-48-010	NEW-P 81-15-092	143-06-030	AMD-P 81-03-034	173-19-2515	AMD 81-11-028
137-48-020	NEW-P 81-15-092	143-06-030	AMD 81-07-004	173-19-2521	AMD-P 81-02-050
137-48-030	NEW-P 81-15-092	143-06-040	AMD-P 81-03-034	173-19-2521	AMD 81-06-051
137-48-040	NEW-P 81-15-092	143-06-040	AMD 81-07-004	173-19-2521	AMD-P 81-08-071
137-48-050	NEW-P 81-15-092	143-06-050	AMD-P 81-03-034	173-19-2521	AMD 81-11-029
137-48-060	NEW-P 81-15-092	143-06-050	AMD 81-07-004	173-19-2521	AMD-P 81-17-073
137-48-070	NEW-P 81-15-092	143-06-060	AMD-P 81-03-034	173-19-2604	AMD-P 81-09-080
137-48-080	NEW-P 81-15-092	143-06-060	AMD 81-07-004	173-19-2604	AMD 81-13-015
137-48-090	NEW-P 81-15-092	143-06-070	AMD-P 81-03-034	173-19-3506	AMD-W 81-08-004
137-48-100	NEW-P 81-15-092	143-06-070	AMD 81-07-004	173-19-3514	AMD-P 81-03-080
137-48-110	NEW-P 81-15-092	143-06-080	AMD-P 81-03-034	173-19-3514	AMD 81-08-005
137-48-120	NEW-P 81-15-092	143-06-080	AMD 81-07-004	173-19-360	AMD-P 81-05-034
137-48-130	NEW-P 81-15-092	143-06-090	AMD-P 81-03-034	173-19-360	AMD-P 81-09-019
137-52-010	NEW-P 81-15-092	143-06-090	AMD 81-07-004	173-19-360	AMD 81-09-057

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173-19-370	AMD-W	81-08-004	180-08-010	REP-P	81-13-003
173-19-370	AMD-P	81-16-081	180-08-010	REP	81-16-026
173-19-3701	AMD-P	81-09-081	180-08-020	REP-P	81-13-003
173-19-3701	AMD-P	81-13-014	180-08-020	REP	81-16-026
173-19-3701	AMD	81-15-006	180-08-030	REP-P	81-13-003
173-19-3707	NEW-P	81-12-054	180-08-030	REP	81-16-026
173-19-3707	NEW	81-16-077	180-08-040	REP-P	81-13-003
173-19-400	AMD-P	81-02-050	180-08-040	REP	81-16-026
173-19-400	AMD	81-06-052	180-08-050	REP-P	81-13-003
173-19-420	AMD-P	81-16-081	180-08-050	REP	81-16-026
173-19-430	AMD-P	81-08-070	180-08-060	REP-P	81-13-003
173-19-430	AMD	81-12-003	180-08-060	REP	81-16-026
173-19-4402	AMD-P	81-12-053	180-08-070	REP-P	81-13-003
173-19-4402	AMD	81-16-078	180-08-070	REP	81-16-026
173-19-450	AMD-P	81-18-072	180-08-080	REP-P	81-13-003
173-19-470	AMD-P	81-02-051	180-08-080	REP	81-16-026
173-19-470	AMD	81-06-050	180-08-090	REP-P	81-13-003
173-19-470	AMD-P	81-17-073	180-08-090	REP	81-16-026
173-20-380	AMD-P	81-09-078	180-08-100	REP-P	81-13-003
173-20-380	AMD	81-13-013	180-08-100	REP	81-16-026
173-22-060	AMD-P	81-09-077	180-08-110	REP-P	81-13-003
173-22-060	AMD	81-13-034	180-08-110	REP	81-16-026
173-164-050	AMD-P	81-04-067	180-08-120	REP-P	81-13-003
173-164-050	AMD	81-07-037	180-08-120	REP	81-16-026
173-400-110	AMD	81-03-002	180-08-130	REP-P	81-13-003
173-422-040	AMD-P	81-19-121	180-08-130	REP	81-16-026
173-422-050	AMD-P	81-19-121	180-08-140	REP-P	81-13-003
173-422-060	AMD-P	81-19-121	180-08-140	REP	81-16-026
173-422-070	AMD-P	81-19-121	180-08-230	REP-P	81-13-003
173-422-080	AMD-P	81-19-121	180-08-230	REP	81-16-026
173-422-090	AMD-P	81-19-121	180-08-240	REP-P	81-13-003
173-422-100	AMD-P	81-19-121	180-08-240	REP	81-16-026
173-422-110	AMD-P	81-19-121	180-08-250	REP-P	81-13-003
173-422-130	AMD-P	81-19-121	180-08-250	REP	81-16-026
173-422-140	AMD-P	81-19-121	180-08-260	REP-P	81-13-003
173-422-160	AMD-P	81-19-121	180-08-260	REP	81-16-026
173-422-170	AMD-P	81-19-121	180-08-270	REP-P	81-13-003
173-490-020	AMD	81-03-003	180-08-270	REP	81-16-026
173-490-040	AMD	81-03-003	180-08-280	REP-P	81-13-003
173-490-203	AMD	81-03-003	180-08-280	REP	81-16-026
173-511-010	NEW	81-04-028	180-08-290	REP-P	81-13-003
173-511-020	NEW	81-04-028	180-08-290	REP	81-16-026
173-511-030	NEW	81-04-028	180-08-300	REP-P	81-13-003
173-511-040	NEW	81-04-028	180-08-300	REP	81-16-026
173-511-050	NEW	81-04-028	180-08-310	REP-P	81-13-003
173-511-060	NEW	81-04-028	180-08-310	REP	81-16-026
173-511-070	NEW	81-04-028	180-08-320	REP-P	81-13-003
173-511-080	NEW	81-04-028	180-08-320	REP	81-16-026
173-511-090	NEW	81-04-028	180-08-330	REP-P	81-13-003
173-511-100	NEW	81-04-028	180-08-330	REP	81-16-026
173-515	NEW-P	81-09-020	180-08-340	REP-P	81-13-003
173-515	NEW-P	81-13-009	180-08-340	REP	81-16-026
173-515-010	NEW	81-16-003	180-08-350	REP-P	81-13-003
173-515-020	NEW	81-16-003	180-08-350	REP	81-16-026
173-515-030	NEW	81-16-003	180-08-360	REP-P	81-13-003
173-515-040	NEW	81-16-003	180-08-360	REP	81-16-026
173-515-050	NEW	81-16-003	180-08-370	REP-P	81-13-003
173-515-060	NEW	81-16-003	180-08-370	REP	81-16-026
173-515-070	NEW	81-16-003	180-08-380	REP-P	81-13-003
173-515-080	NEW	81-16-003	180-08-380	REP	81-16-026
173-515-090	NEW	81-16-003	180-08-390	REP-P	81-13-003
173-515-100	NEW	81-16-003	180-08-390	REP	81-16-026
173-530-940	AMD-P	81-17-072	180-08-400	REP-P	81-13-003
174-116-115	AMD-P	81-15-016	180-08-400	REP	81-16-026
174-116-115	AMD	81-19-092	180-08-410	REP-P	81-13-003
174-136-130	NEW-P	81-08-032	180-08-410	REP	81-16-026
174-136-130	NEW	81-12-019	180-08-420	REP-P	81-13-003
174-136-140	NEW	81-12-019	180-08-420	REP	81-16-026
174-136-140	NEW-P	81-08-032	180-08-430	REP-P	81-13-003
174-162-305	NEW-P	81-10-060	180-08-430	REP	81-16-026
174-162-305	NEW-P	81-13-048	180-08-440	REP-P	81-13-003
174-162-305	NEW	81-15-017	180-08-440	REP	81-16-026
180-08-005	NEW-P	81-13-003	180-08-450	REP-P	81-13-003
180-08-005	NEW	81-16-026	180-08-450	REP	81-16-026
180-08-460	REP-P	81-13-003	180-08-460	REP-P	81-13-003
180-08-460	REP	81-16-026	180-08-460	REP	81-16-026
180-08-470	REP-P	81-13-003	180-08-470	REP-P	81-13-003
180-08-470	REP	81-16-026	180-08-470	REP	81-16-026
180-08-480	REP-P	81-13-003	180-08-480	REP-P	81-13-003
180-08-480	REP	81-16-026	180-08-480	REP	81-16-026
180-08-490	REP-P	81-13-003	180-08-490	REP-P	81-13-003
180-08-490	REP	81-16-026	180-08-490	REP	81-16-026
180-08-500	REP-P	81-13-003	180-08-500	REP-P	81-13-003
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180-08-540	REP-P	81-13-003	180-08-540	REP-P	81-13-003
180-08-540	REP	81-16-026	180-08-540	REP	81-16-026
180-08-550	REP-P	81-13-003	180-08-550	REP-P	81-13-003
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180-08-560	REP-P	81-13-003	180-08-560	REP-P	81-13-003
180-08-560	REP	81-16-026	180-08-560	REP	81-16-026
180-08-570	REP-P	81-13-003	180-08-570	REP-P	81-13-003
180-08-570	REP	81-16-026	180-08-570	REP	81-16-026
180-08-580	REP-P	81-13-003	180-08-580	REP-P	81-13-003
180-08-580	REP	81-16-026	180-08-580	REP	81-16-026
180-08-590	REP-P	81-13-003	180-08-590	REP-P	81-13-003
180-08-590	REP	81-16-026	180-08-590	REP	81-16-026
180-16-220	AMD-P	81-04-046	180-16-220	AMD-P	81-04-046
180-16-220	AMD	81-08-026	180-16-220	AMD	81-08-026
180-20-106	AMD-P	81-16-022	180-20-106	AMD-P	81-16-022
180-20-106	AMD	81-19-103	180-20-106	AMD	81-19-103
180-44-030	REP-P	81-08-049	180-44-030	REP-P	81-08-049
180-44-030	REP	81-12-022	180-44-030	REP	81-12-022
180-46-015	AMD-P	81-08-050	180-46-015	AMD-P	81-08-050
180-46-015	AMD	81-12-023	180-46-015	AMD	81-12-023
180-46-030	AMD-P	81-08-050	180-46-030	AMD-P	81-08-050
180-46-030	AMD	81-12-023	180-46-030	AMD	81-12-023
180-46-045	AMD-P	81-08-050	180-46-045	AMD-P	81-08-050
180-46-045	AMD	81-12-023	180-46-045	AMD	81-12-023
180-46-060	REP-P	81-08-050	180-46-060	REP-P	81-08-050
180-46-060	REP	81-12-023	180-46-060	REP	81-12-023
180-46-065	NEW-P	81-08-050	180-46-065	NEW-P	81-08-050
180-46-065	NEW	81-12-023	180-46-065	NEW	81-12-023
180-48-010	REP-P	81-16-023	180-48-010	REP-P	81-16-023
180-48-010	REP	81-19-104	180-48-010	REP	81-19-104
180-55-005	NEW-P	81-04-044	180-55-005	NEW-P	81-04-044
180-55-005	NEW	81-08-027	180-55-005	NEW	81-08-027
180-55-010	NEW-P	81-04-044	180-55-010	NEW-P	81-04-044
180-55-010	NEW	81-08-027	180-55-010	NEW	81-08-027
180-55-015	NEW-P	81-04-044	180-55-015	NEW-P	81-04-044
180-55-015	NEW	81-08-027	180-55-015	NEW	81-08-027
180-55-020	NEW-P	81-04-044	180-55-020	NEW-P	81-04-044
180-55-020	NEW	81-08-027	180-55-020	NEW	81-08-027
180-55-025	NEW-P	81-04-044	180-55-025	NEW-P	81-04-044
180-55-025	NEW	81-08-027	180-55-025	NEW	81-08-027
180-55-030	NEW-P	81-04-044	180-55-030	NEW-P	81-04-044
180-55-030	NEW	81-08-027	180-55-030	NEW	81-08-027
180-55-035	NEW-P	81-04-044	180-55-035	NEW-P	81-04-044
180-55-035	NEW	81-08-027	180-55-035	NEW	81-08-027
180-55-040	NEW-P	81-04-044	180-55-040	NEW-P	81-04-044
180-55-040	NEW	81-08-027	180-55-040	NEW	81-08-027
180-55-045	NEW-P	81-04-044	180-55-045	NEW-P	81-04-044
180-55-045	NEW	81-08-027	180-55-045	NEW	81-08-027
180-55-050	NEW-P	81-04-044	180-55-050	NEW-P	81-04-044
180-55-050	NEW	81-08-027	180-55-050	NEW	81-08-027
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180-55-055	NEW	81-08-027	180-55-055	NEW	81-08-027
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180-55-060	NEW	81-08-027	180-55-060	NEW	81-08-027
180-55-065	NEW-P	81-04-044	180-55-065	NEW-P	81-04-044
180-55-065	NEW	81-08-027	180-55-065	NEW	81-08-027
180-55-070	NEW-P	81-04-044	180-55-070	NEW-P	81-04-044
180-55-070	NEW	81-08-027	180-55-070	NEW	81-08-027

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WAC #	WSR #	WAC #	WSR #	WAC #	WSR #
180-55-075	NEW-P 81-04-044	180-78-025	AMD 81-12-024	204-10-080	NEW 81-18-008
180-55-075	NEW 81-08-027	180-78-027	NEW-P 81-08-052	204-10-090	NEW-P 81-13-001
180-55-080	NEW-P 81-04-044	180-78-027	NEW 81-12-024	204-10-090	NEW 81-18-008
180-55-080	NEW 81-08-027	180-78-050	AMD-P 81-08-052	204-10-100	NEW-P 81-13-001
180-55-085	NEW-P 81-04-044	180-78-050	AMD 81-12-024	204-10-100	NEW 81-18-008
180-55-085	NEW 81-08-027	180-78-057	NEW-P 81-08-052	204-10-110	NEW-P 81-13-001
180-55-090	NEW-P 81-04-044	180-78-057	NEW 81-12-024	204-10-110	NEW 81-18-008
180-55-090	NEW 81-08-027	180-79-065	AMD-P 81-08-053	204-10-120	NEW-P 81-13-001
180-55-095	NEW-P 81-04-044	180-79-065	AMD 81-12-025	204-10-120	NEW 81-18-008
180-55-095	NEW 81-08-027	180-79-120	AMD-P 81-08-053	204-10-130	NEW-P 81-13-001
180-55-100	NEW-P 81-04-044	180-79-120	AMD 81-12-025	204-10-130	NEW 81-18-008
180-55-100	NEW 81-08-027	180-79-125	AMD-P 81-08-053	204-10-140	NEW-P 81-13-001
180-55-105	NEW-P 81-04-044	180-79-125	AMD 81-12-025	204-10-140	NEW 81-18-008
180-55-105	NEW 81-08-027	180-79-150	AMD-P 81-08-053	204-10-150	NEW-P 81-13-001
180-55-110	NEW-P 81-04-044	180-79-150	AMD 81-12-025	204-10-150	NEW 81-18-008
180-55-110	NEW 81-08-027	180-79-230	AMD-P 81-08-053	204-12	AMD-P 81-17-001
180-55-115	NEW-P 81-04-044	180-79-230	AMD 81-12-025	204-12-001	REP-P 81-13-001
180-55-115	NEW 81-08-027	180-79-245	AMD-P 81-08-053	204-12-001	REP 81-18-008
180-55-120	NEW-P 81-04-044	180-79-245	AMD 81-12-025	204-12-010	REP-P 81-13-001
180-55-120	NEW 81-08-027	182-08-111	AMD 81-03-014	204-12-010	REP 81-18-008
180-55-125	NEW-P 81-04-044	182-08-300	NEW 81-03-014	204-12-020	REP-P 81-13-001
180-55-125	NEW 81-08-027	192-12-025	NEW-E 81-19-100	204-12-020	REP 81-18-008
180-55-130	NEW-P 81-04-044	192-16-030	NEW-E 81-09-067	204-12-030	REP-P 81-13-001
180-55-130	NEW 81-08-027	192-16-030	NEW-P 81-10-065	204-12-030	REP 81-18-008
180-55-135	NEW-P 81-04-044	192-16-030	NEW 81-13-016	204-12-040	REP-P 81-13-001
180-55-135	NEW 81-08-027	192-16-033	NEW-E 81-09-067	204-12-040	REP 81-18-008
180-56-305	REP-P 81-04-045	192-16-033	NEW-P 81-10-065	204-12-050	REP-P 81-13-001
180-56-305	REP 81-08-028	192-16-033	NEW 81-13-016	204-12-050	REP 81-18-008
180-56-306	REP-P 81-04-045	192-16-036	NEW-E 81-09-067	204-12-060	REP-P 81-13-001
180-56-306	REP 81-08-028	192-16-036	NEW-P 81-10-065	204-12-060	REP 81-18-008
180-56-307	REP-P 81-04-045	192-16-036	NEW 81-13-016	204-16	AMD-P 81-17-001
180-56-307	REP 81-08-028	192-16-040	NEW-E 81-09-067	204-16-001	REP-P 81-13-001
180-56-310	REP-P 81-04-045	192-16-040	NEW-P 81-10-065	204-16-001	REP 81-18-008
180-56-310	REP 81-08-028	192-16-040	NEW 81-13-016	204-16-010	REP-P 81-13-001
180-56-315	REP-P 81-04-045	192-16-042	NEW-E 81-09-067	204-16-010	REP 81-18-008
180-56-315	REP 81-08-028	192-16-042	NEW-P 81-10-065	204-16-020	REP-P 81-13-001
180-56-320	REP-P 81-04-045	192-16-042	NEW 81-13-016	204-16-020	REP 81-18-008
180-56-320	REP 81-08-028	192-16-045	NEW-E 81-09-067	204-16-030	REP-P 81-13-001
180-56-325	REP-P 81-04-045	192-16-045	NEW-P 81-10-065	204-16-030	REP 81-18-008
180-56-325	REP 81-08-028	192-16-045	NEW 81-13-016	204-16-040	REP-P 81-13-001
180-56-330	REP-P 81-04-045	192-16-047	NEW-E 81-09-067	204-16-040	REP 81-18-008
180-56-330	REP 81-08-028	192-16-047	NEW-P 81-10-065	204-16-050	REP-P 81-13-001
180-56-335	REP-P 81-04-045	192-16-047	NEW 81-13-016	204-16-050	REP 81-18-008
180-56-335	REP 81-08-028	198-12-020	AMD-P 81-15-023	204-16-060	REP-P 81-13-001
180-56-340	REP-P 81-04-045	198-12-020	AMD 81-19-024	204-16-060	REP 81-18-008
180-56-340	REP 81-08-028	198-12-030	AMD-P 81-15-023	204-20	AMD-P 81-17-001
180-56-345	REP-P 81-04-045	198-12-030	AMD 81-19-024	204-20-010	REP-P 81-13-001
180-56-345	REP 81-08-028	198-12-050	AMD-P 81-15-023	204-20-010	REP 81-18-008
180-56-350	REP-P 81-04-045	198-12-050	AMD 81-19-024	204-20-020	REP-P 81-13-001
180-56-350	REP 81-08-028	198-12-060	AMD-P 81-15-023	204-20-020	REP 81-18-008
180-56-355	REP-P 81-04-045	198-12-060	AMD-W 81-18-033	204-20-030	REP-P 81-13-001
180-56-355	REP 81-08-028	198-12-130	AMD-P 81-15-023	204-20-030	REP 81-18-008
180-56-360	REP-P 81-04-045	198-12-130	AMD 81-19-024	204-20-040	REP-P 81-13-001
180-56-360	REP 81-08-028	198-12-140	AMD-P 81-15-023	204-20-040	REP 81-18-008
180-56-365	REP-P 81-04-045	198-12-140	AMD 81-19-024	204-20-050	REP-P 81-13-001
180-56-365	REP 81-08-028	204-08	AMD-P 81-17-001	204-20-050	REP 81-18-008
180-56-370	REP-P 81-04-045	204-08-100	AMD-P 81-13-001	204-20-060	REP-P 81-13-001
180-56-370	REP 81-08-028	204-08-100	AMD 81-18-008	204-20-060	REP 81-18-008
180-56-375	REP-P 81-04-045	204-10	AMD-P 81-17-001	204-20-070	REP-P 81-13-001
180-56-375	REP 81-08-028	204-10-010	NEW-P 81-13-001	204-20-070	REP 81-18-008
180-56-380	REP-P 81-04-045	204-10-010	NEW 81-18-008	204-20-080	REP-P 81-13-001
180-56-380	REP 81-08-028	204-10-020	NEW-P 81-13-001	204-20-080	REP 81-18-008
180-63	REP-P 81-16-024	204-10-020	NEW 81-18-008	204-20-090	REP-P 81-13-001
180-63	REP 81-19-105	204-10-030	NEW-P 81-13-001	204-20-090	REP 81-18-008
180-68-010	REP-P 81-16-025	204-10-030	NEW 81-18-008	204-20-100	REP-P 81-13-001
180-68-010	REP 81-19-106	204-10-040	NEW-P 81-13-001	204-20-100	REP 81-18-008
180-68-045	REP-P 81-16-025	204-10-040	NEW 81-18-008	204-20-110	REP-P 81-13-001
180-68-045	REP 81-19-106	204-10-050	NEW-P 81-13-001	204-20-110	REP 81-18-008
180-68-050	REP-P 81-16-025	204-10-050	NEW 81-18-008	204-20-120	REP-P 81-13-001
180-68-050	REP 81-19-106	204-10-060	NEW-P 81-13-001	204-20-120	REP 81-18-008
180-68-100	REP-P 81-16-025	204-10-060	NEW 81-18-008	204-20-130	REP-P 81-13-001
180-68-100	REP 81-19-106	204-10-070	NEW-P 81-13-001	204-20-130	REP 81-18-008
180-75-070	AMD-P 81-08-051	204-10-070	NEW 81-18-008	204-20-140	REP-P 81-13-001
180-78-025	AMD-P 81-08-052	204-10-080	NEW-P 81-13-001	204-20-140	REP 81-18-008

Table of WAC Sections Affected

WAC #	WSR #	WAC #	WSR #	WAC #	WSR #
204-20-150	REP-P	81-13-001	204-84-010	NEW	81-18-008
204-20-150	REP	81-18-008	204-84-020	NEW-P	81-13-001
204-22	NEW-P	81-17-001	204-84-020	NEW	81-18-008
204-22	NEW-P	81-18-006	204-84-030	NEW-P	81-13-001
204-22-010	NEW-P	81-13-001	204-84-030	NEW	81-18-008
204-22-020	NEW-P	81-13-001	204-84-040	NEW-P	81-13-001
204-22-030	NEW-P	81-13-001	204-84-040	NEW	81-18-008
204-22-040	NEW-P	81-13-001	204-84-050	NEW-P	81-13-001
204-22-050	NEW-P	81-13-001	204-84-050	NEW	81-18-008
204-24	AMD-P	81-10-001	204-84-060	NEW-P	81-13-001
204-24	REP-P	81-17-001	204-84-060	NEW	81-18-008
204-24	REP-P	81-18-006	204-84-070	NEW-P	81-13-001
204-24-020	REP-P	81-13-001	204-84-070	NEW	81-18-008
204-24-050	AMD-E	81-06-036	204-84-080	NEW-P	81-13-001
204-24-050	AMD	81-10-038	204-84-080	NEW	81-18-008
204-24-070	REP-P	81-13-001	204-84-090	NEW-P	81-13-001
204-36-060	AMD	81-04-043	204-84-090	NEW	81-18-008
204-38	AMD-P	81-10-001	204-84-100	NEW-P	81-13-001
204-38-030	AMD-E	81-04-039	204-84-100	NEW	81-18-008
204-38-030	AMD-P	81-04-041	212-10-010	NEW	81-04-058
204-38-030	AMD	81-10-038	212-10-015	NEW	81-04-058
204-38-040	AMD-E	81-04-039	212-10-020	NEW	81-04-058
204-38-040	AMD-P	81-04-041	212-10-025	NEW	81-04-058
204-38-040	AMD	81-10-038	212-10-030	NEW	81-04-058
204-38-050	AMD-E	81-04-039	212-10-035	NEW	81-04-058
204-38-050	AMD-P	81-04-041	212-10-040	NEW	81-04-058
204-38-050	AMD	81-10-038	212-10-045	NEW	81-04-058
204-39	AMD-P	81-17-019	212-10-050	NEW	81-04-058
204-39-010	NEW-P	81-12-044	212-10-055	NEW	81-04-058
204-39-010	NEW	81-18-007	212-10-060	NEW	81-04-058
204-39-020	NEW-P	81-12-044	212-36-001	AMD-P	81-19-004
204-39-020	NEW	81-18-007	212-36-005	AMD-P	81-19-004
204-39-030	NEW-P	81-12-044	212-36-010	AMD-P	81-19-004
204-39-030	NEW	81-18-007	212-36-035	REP-P	81-19-004
204-39-040	NEW-P	81-12-044	212-36-040	AMD-P	81-19-004
204-39-040	NEW	81-18-007	212-36-045	AMD-P	81-19-004
204-39-050	NEW-P	81-12-044	212-36-046	NEW-P	81-19-004
204-39-050	NEW	81-18-007	212-36-047	NEW-P	81-19-004
204-62	AMD-P	81-17-001	212-36-048	NEW-P	81-19-004
204-62-020	AMD-P	81-13-001	212-36-049	NEW-P	81-19-004
204-62-020	AMD	81-18-008	212-36-050	AMD-P	81-19-004
204-62-040	NEW-P	81-13-001	212-36-055	AMD-P	81-19-004
204-62-040	NEW	81-18-008	212-36-056	NEW-P	81-19-004
204-62-050	NEW-P	81-13-001	212-36-057	NEW-P	81-19-004
204-62-050	NEW	81-18-008	212-36-058	NEW-P	81-19-004
204-62-060	NEW-P	81-13-001	212-36-067	NEW-P	81-19-004
204-62-060	NEW	81-18-008	212-36-070	AMD-P	81-19-004
204-66	AMD-P	81-10-001	212-36-073	NEW-P	81-19-004
204-66-180	AMD-P	81-04-040	212-36-075	AMD-P	81-19-004
204-66-180	AMD	81-10-038	212-36-077	NEW-P	81-19-004
204-78	AMD-P	81-17-001	212-36-080	AMD-P	81-19-004
204-78-010	NEW-P	81-13-001	212-36-081	NEW-P	81-19-004
204-78-010	NEW	81-18-008	212-36-082	NEW-P	81-19-004
204-78-020	NEW-P	81-13-001	212-36-083	NEW-P	81-19-004
204-78-020	NEW	81-18-008	212-36-090	AMD-P	81-19-004
204-78-030	NEW-P	81-13-001	212-36-091	NEW-P	81-19-004
204-78-030	NEW	81-18-008	212-36-096	NEW-P	81-19-004
204-78-040	NEW-P	81-13-001	212-36-098	NEW-P	81-19-004
204-78-040	NEW	81-18-008	212-36-100	AMD-P	81-19-004
204-78-050	NEW-P	81-13-001	212-52-001	AMD	81-03-081
204-78-050	NEW	81-18-008	212-52-005	AMD	81-03-081
204-80	AMD-P	81-17-001	212-52-010	REP	81-03-081
204-80-010	NEW-P	81-13-001	212-52-012	NEW	81-03-081
204-80-010	NEW	81-18-008	212-52-015	REP	81-03-081
204-80-020	NEW-P	81-13-001	212-52-020	AMD	81-03-081
204-80-020	NEW	81-18-008	212-52-025	AMD	81-03-081
204-80-030	NEW-P	81-13-001	212-52-027	NEW	81-03-081
204-80-030	NEW	81-18-008	212-52-035	REP	81-03-081
204-80-040	NEW-P	81-13-001	212-52-037	NEW	81-03-081
204-80-040	NEW	81-18-008	212-52-040	AMD	81-03-081
204-80-050	NEW-P	81-13-001	212-52-045	AMD	81-03-081
204-80-050	NEW	81-18-008	212-52-050	AMD	81-03-081
204-84	AMD-P	81-17-001	212-52-055	AMD	81-03-081
204-84-010	NEW-P	81-13-001	212-52-060	AMD	81-03-081
212-52-065	AMD	81-03-081	212-52-070	AMD	81-03-081
212-52-070	AMD	81-03-081	212-52-075	AMD	81-03-081
212-52-075	AMD	81-03-081	212-52-080	AMD	81-03-081
212-52-080	AMD	81-03-081	212-52-090	AMD	81-03-081
212-52-090	AMD	81-03-081	212-52-095	AMD	81-03-081
212-52-100	AMD	81-03-081	212-52-100	AMD	81-03-081
212-52-105	AMD	81-03-081	212-52-105	AMD	81-03-081
212-52-110	AMD	81-03-081	212-52-115	AMD	81-03-081
212-52-120	AMD	81-03-081	212-52-120	AMD	81-03-081
212-52-125	AMD	81-03-081	212-54	NEW-P	81-06-022
212-54	NEW-P	81-08-017	212-54	NEW-P	81-11-034
212-54	NEW-P	81-11-034	212-54-001	NEW-P	81-03-051
212-54-001	NEW-P	81-03-051	212-54-005	NEW-P	81-03-051
212-54-005	NEW-P	81-03-051	212-54-010	NEW-P	81-03-051
212-54-010	NEW-P	81-03-051	212-54-015	NEW-P	81-03-051
212-54-015	NEW-P	81-03-051	212-54-020	NEW-P	81-03-051
212-54-020	NEW-P	81-03-051	212-54-025	NEW-P	81-03-051
212-54-025	NEW-P	81-03-051	212-54-030	NEW-P	81-03-051
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212-54-095	NEW-P	81-03-051	212-54-100	NEW-P	81-03-051
212-55	NEW-P	81-06-022	212-55	NEW-P	81-06-022
212-55	NEW-P	81-08-017	212-55	NEW-P	81-08-017
212-55	NEW-P	81-11-034	212-55	NEW-P	81-11-034
212-55-001	NEW-P	81-03-051	212-55-001	NEW-P	81-03-051
212-55-005	NEW-P	81-03-051	212-55-005	NEW-P	81-03-051
212-55-010	NEW-P	81-03-051	212-55-010	NEW-P	81-03-051
212-55-015	NEW-P	81-03-051	212-55-015	NEW-P	81-03-051
212-55-020	NEW-P	81-03-051	212-55-020	NEW-P	81-03-051
212-55-025	NEW-P	81-03-051	212-55-025	NEW-P	81-03-051
212-55-030	NEW-P	81-03-051	212-55-030	NEW-P	81-03-051
212-55-035	NEW-P	81-03-051	212-55-035	NEW-P	81-03-051
212-55-040	NEW-P	81-03-051	212-55-040	NEW-P	81-03-051
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212-55-070	NEW-P	81-03-051	212-55-070	NEW-P	81-03-051
212-55-075	NEW-P	81-03-051	212-55-075	NEW-P	81-03-051
212-55-080	NEW-P	81-03-051	212-55-080	NEW-P	81-03-051
212-55-085	NEW-P	81-03-051	212-55-085	NEW-P	81-03-051
212-55-090	NEW-P	81-03-051	212-55-090	NEW-P	81-03-051
212-55-095	NEW-P	81-03-051	212-55-095	NEW-P	81-03-051
212-56	REP-P	81-06-022	212-56	REP-P	81-06-022
212-56	REP-P	81-08-017	212-56	REP-P	81-08-017
212-56	REP-P	81-11-033	212-56	REP-P	81-11-033
212-56-001	REP-P	81-03-051	212-56-001	REP-P	81-03-051
212-56-001	REP	81-14-010	212-56-001	REP	81-14-010
212-56-005	REP-P	81-03-051	212-56-005	REP-P	81-03-051
212-56-005	REP	81-14-010	212-56-005	REP	81-14-010
212-56-010	REP-P	81-03-051	212-56-010	REP-P	81-03-051
212-56-010	REP	81-14-010	212-56-010	REP	81-14-010
212-56-015	REP-P	81-03-051	212-56-015	REP-P	81-03-051
212-56-015	REP	81-14-010	212-56-015	REP	81-14-010
212-56-020	REP-P	81-03-051	212-56-020	REP-P	81-03-051
212-56-020	REP	81-14-010	212-56-020	REP	81-14-010
212-56-025	REP-P	81-03-051	212-56-025	REP-P	81-03-051
212-56-025	REP	81-14-010	212-56-025	REP	81-14-010

Table of WAC Sections Affected

WAC #	WSR #	WAC #	WSR #	WAC #	WSR #
212-56-030	REP-P 81-03-051	212-58-055	REP-P 81-03-051	212-62-055	REP-P 81-03-051
212-56-030	REP 81-14-010	212-58-055	REP 81-14-010	212-62-060	REP-P 81-03-051
212-56-035	REP-P 81-03-051	212-58-060	REP-P 81-03-051	212-62-065	REP-P 81-03-051
212-56-035	REP 81-14-010	212-58-060	REP 81-14-010	212-62-070	REP-P 81-03-051
212-56-040	REP-P 81-03-051	212-58-065	REP-P 81-03-051	212-63	REP-P 81-06-022
212-56-040	REP 81-14-010	212-58-065	REP 81-14-010	212-63	REP-P 81-08-017
212-56-045	REP-P 81-03-051	212-58-070	REP-P 81-03-051	212-63	REP-P 81-11-033
212-56-045	REP 81-14-010	212-58-070	REP 81-14-010	212-63-001	REP-P 81-03-051
212-56-050	REP-P 81-03-051	212-59	REP-P 81-06-022	212-63-001	REP 81-14-010
212-56-050	REP 81-14-010	212-59	REP-P 81-08-017	212-63-005	REP-P 81-03-051
212-56-055	REP-P 81-03-051	212-59	REP-P 81-11-034	212-63-005	REP 81-14-010
212-56-055	REP 81-14-010	212-59-001	REP-P 81-03-051	212-63-010	REP-P 81-03-051
212-56-060	REP-P 81-03-051	212-59-005	REP-P 81-03-051	212-63-010	REP 81-14-010
212-56-060	REP 81-14-010	212-59-010	REP-P 81-03-051	212-63-015	REP-P 81-03-051
212-56-065	REP-P 81-03-051	212-59-015	REP-P 81-03-051	212-63-015	REP 81-14-010
212-56-065	REP 81-14-010	212-59-020	REP-P 81-03-051	212-63-020	REP-P 81-03-051
212-57	REP-P 81-06-022	212-59-025	REP-P 81-03-051	212-63-020	REP 81-14-010
212-57	REP-P 81-08-017	212-59-030	REP-P 81-03-051	212-63-025	REP-P 81-03-051
212-57	REP-P 81-11-033	212-59-035	REP-P 81-03-051	212-63-025	REP 81-14-010
212-57-001	REP-P 81-03-051	212-59-040	REP-P 81-03-051	212-63-030	REP-P 81-03-051
212-57-001	REP 81-14-010	212-59-045	REP-P 81-03-051	212-63-030	REP 81-14-010
212-57-005	REP-P 81-03-051	212-59-050	REP-P 81-03-051	212-63-035	REP-P 81-03-051
212-57-005	REP 81-14-010	212-59-055	REP-P 81-03-051	212-63-035	REP 81-14-010
212-57-010	REP-P 81-03-051	212-59-060	REP-P 81-03-051	212-63-040	REP-P 81-03-051
212-57-010	REP 81-14-010	212-59-065	REP-P 81-03-051	212-63-040	REP 81-14-010
212-57-015	REP-P 81-03-051	212-60	REP-P 81-06-022	212-63-045	REP-P 81-03-051
212-57-015	REP 81-14-010	212-60	REP-P 81-08-017	212-63-045	REP 81-14-010
212-57-020	REP-P 81-03-051	212-60	REP-P 81-11-034	212-63-050	REP-P 81-03-051
212-57-020	REP 81-14-010	212-60-001	REP-P 81-03-051	212-63-050	REP 81-14-010
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212-57-065	REP-P 81-03-051	212-61	REP-P 81-11-034	212-64-010	REP 81-14-010
212-57-065	REP 81-14-010	212-61-001	REP-P 81-03-051	212-64-015	AMD-P 81-03-051
212-57-070	REP-P 81-03-051	212-61-005	REP-P 81-03-051	212-64-015	AMD 81-14-010
212-57-070	REP 81-14-010	212-61-010	REP-P 81-03-051	212-64-020	AMD-P 81-03-051
212-58	REP-P 81-06-022	212-61-015	REP-P 81-03-051	212-64-020	AMD 81-14-010
212-58	REP-P 81-08-017	212-61-020	REP-P 81-03-051	212-64-025	AMD-P 81-03-051
212-58	REP-P 81-11-033	212-61-025	REP-P 81-03-051	212-64-025	AMD 81-14-010
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212-58-015	REP 81-14-010	212-61-065	REP-P 81-03-051	212-64-037	NEW 81-14-010
212-58-020	REP-P 81-03-051	212-62	REP-P 81-06-022	212-64-039	NEW-P 81-03-051
212-58-020	REP 81-14-010	212-62	REP-P 81-08-017	212-64-039	NEW 81-14-010
212-58-025	REP-P 81-03-051	212-62	REP-P 81-11-034	212-64-040	AMD-P 81-03-051
212-58-025	REP 81-14-010	212-62-001	REP-P 81-03-051	212-64-040	AMD 81-14-010
212-58-030	REP-P 81-03-051	212-62-005	REP-P 81-03-051	212-64-043	NEW-P 81-03-051
212-58-030	REP 81-14-010	212-62-010	REP-P 81-03-051	212-64-043	NEW 81-14-010
212-58-035	REP-P 81-03-051	212-62-015	REP-P 81-03-051	212-64-045	AMD-P 81-03-051
212-58-035	REP 81-14-010	212-62-020	REP-P 81-03-051	212-64-045	AMD 81-14-010
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212-58-040	REP 81-14-010	212-62-030	REP-P 81-03-051	212-64-050	AMD 81-14-010
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212-58-045	REP 81-14-010	212-62-040	REP-P 81-03-051	212-64-055	AMD 81-14-010
212-58-050	REP-P 81-03-051	212-62-045	REP-P 81-03-051	212-64-060	AMD-P 81-03-051
212-58-050	REP 81-14-010	212-62-050	REP-P 81-03-051	212-64-060	AMD 81-14-010

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WAC #	WSR #	WAC #	WSR #	WAC #	WSR #			
212-64-065	AMD-P	81-03-051	220-24-02000L	REP-E	81-19-080	220-28-007A0P	NEW-E	81-13-040
212-64-065	AMD	81-14-010	220-28-002F0A	NEW-E	81-06-028	220-28-007A0P	REP-E	81-14-004
212-64-067	NEW-P	81-03-051	220-28-002F0B	NEW-E	81-11-063	220-28-007A0Q	NEW-E	81-14-004
212-64-067	NEW	81-14-010	220-28-003F0D	NEW-E	81-16-030	220-28-007A0Q	REP-E	81-15-014
212-64-068	NEW-P	81-03-051	220-28-003F0D	REP-E	81-18-074	220-28-007A0R	NEW-E	81-15-014
212-64-068	NEW	81-14-010	220-28-00400L	NEW-E	81-02-052	220-28-007A0R	REP-E	81-15-102
212-64-069	NEW-P	81-03-051	220-28-00400M	NEW-E	81-09-006	220-28-007B0S	NEW-E	81-09-035
212-64-069	NEW	81-14-010	220-28-00400M	REP-E	81-09-035	220-28-007B0S	REP-E	81-12-007
212-64-070	AMD-P	81-03-051	220-28-00400N	NEW-E	81-09-035	220-28-007B0T	NEW-E	81-12-007
212-64-070	AMD	81-14-010	220-28-00400N	REP-E	81-10-042	220-28-007B0T	REP-E	81-13-040
212-65	NEW-P	81-06-022	220-28-00400P	NEW-E	81-10-042	220-28-007B0U	NEW-E	81-13-040
212-65	NEW-P	81-08-017	220-28-00400Q	NEW-E	81-16-044	220-28-007B0U	REP-E	81-14-030
212-65	NEW-P	81-11-033	220-28-004B0S	NEW-E	81-09-035	220-28-007B0V	NEW-E	81-14-030
212-65-001	NEW-P	81-03-051	220-28-004B0S	REP-E	81-13-011	220-28-007B0V	REP-E	81-15-102
212-65-001	NEW	81-14-010	220-28-004B0T	NEW-E	81-13-011	220-28-007C0Y	NEW-E	81-09-035
212-65-005	NEW-P	81-03-051	220-28-004B0T	REP-E	81-14-004	220-28-007C0Y	REP-E	81-14-056
212-65-005	NEW	81-14-010	220-28-004B0U	NEW-E	81-14-004	220-28-007C0Z	NEW-E	81-14-056
212-65-010	NEW-P	81-03-051	220-28-004B0U	REP-E	81-15-102	220-28-00700Z	REP-E	81-15-102
212-65-010	NEW	81-14-010	220-28-00500W	NEW-E	81-09-035	220-28-007D0A	NEW-E	81-09-035
212-65-015	NEW-P	81-03-051	220-28-00500W	REP-E	81-13-011	220-28-007F0M	NEW-E	81-09-035
212-65-015	NEW	81-14-010	220-28-00500X	NEW-E	81-13-011	220-28-007G0J	NEW-E	81-14-056
212-65-020	NEW-P	81-03-051	220-28-00500X	REP-E	81-14-004	220-28-007G0J	REP-E	81-15-102
212-65-020	NEW	81-14-010	220-28-00500Y	NEW-E	81-14-004	220-28-00800D	NEW-E	81-09-035
212-65-025	NEW-P	81-03-051	220-28-00500Y	REP-E	81-14-030	220-28-00800D	REP-E	81-13-011
212-65-025	NEW	81-14-010	220-28-00500Z	NEW-E	81-14-030	220-28-00800E	NEW-E	81-13-011
212-65-030	NEW-P	81-03-051	220-28-00500Z	REP-E	81-15-102	220-28-00800E	REP-E	81-15-102
212-65-030	NEW	81-14-010	220-28-00600U	NEW-E	81-09-035	220-28-008F0M	REP-E	81-02-037
212-65-035	NEW-P	81-03-051	220-28-00600U	REP-E	81-13-011	220-28-008F0N	NEW-E	81-09-035
212-65-035	NEW	81-14-010	220-28-00600V	NEW-E	81-13-011	220-28-008F0N	REP-E	81-13-011
212-65-040	NEW-P	81-03-051	220-28-00600V	REP-E	81-14-004	220-28-008F0P	NEW-E	81-13-011
212-65-040	NEW	81-14-010	220-28-00600W	NEW-E	81-14-004	220-28-008F0P	REP-E	81-15-102
212-65-045	NEW-P	81-03-051	220-28-00600W	REP-E	81-15-014	220-28-00900M	NEW-E	81-13-011
212-65-045	NEW	81-14-010	220-28-00600X	NEW-E	81-15-014	220-28-00900M	REP-E	81-15-102
212-65-050	NEW-P	81-03-051	220-28-00600X	REP-E	81-15-102	220-28-01000U	NEW-E	81-13-011
212-65-050	NEW	81-14-010	220-28-006A0S	NEW-E	81-09-035	220-28-01000U	REP-E	81-15-102
212-65-055	NEW-P	81-03-051	220-28-006A0S	REP-E	81-13-011	220-28-010A0S	NEW-E	81-13-011
212-65-055	NEW	81-14-010	220-28-006A0T	NEW-E	81-13-011	220-28-010A0S	REP-E	81-15-102
212-65-060	NEW-P	81-03-051	220-28-006A0T	REP-E	81-14-004	220-28-010B0V	NEW-E	81-13-011
212-65-060	NEW	81-14-010	220-28-006A0U	NEW-E	81-14-004	220-28-010B0V	REP-E	81-15-102
212-65-065	NEW-P	81-03-051	220-28-006A0U	REP-E	81-15-014	220-28-010C0R	NEW-E	81-13-011
212-65-065	NEW	81-14-010	220-28-006A0V	NEW-E	81-15-014	220-28-010C0R	REP-E	81-15-102
212-65-070	NEW-P	81-03-051	220-28-006A0V	REP-E	81-15-102	220-28-010D0U	NEW-E	81-13-011
212-65-070	NEW	81-14-010	220-28-006B0U	NEW-E	81-13-011	220-28-010D0U	REP-E	81-15-102
212-65-075	NEW-P	81-03-051	220-28-006B0U	REP-E	81-15-102	220-28-010G0C	NEW-E	81-13-011
212-65-075	NEW	81-14-010	220-28-006C0N	NEW-E	81-09-035	220-28-010G0C	REP-E	81-15-102
212-65-080	NEW-P	81-03-051	220-28-006C0N	REP-E	81-13-011	220-28-011A0L	NEW-E	81-09-035
212-65-080	NEW	81-14-010	220-28-006C0P	NEW-E	81-13-011	220-28-011F0L	NEW-E	81-09-035
212-65-085	NEW-P	81-03-051	220-28-006C0P	REP-E	81-14-004	220-28-011G0G	NEW-E	81-09-035
212-65-085	NEW	81-14-010	220-28-006C0Q	NEW-E	81-14-004	220-28-011G0H	NEW-E	81-15-040
212-65-090	NEW-P	81-03-051	220-28-006C0Q	REP-E	81-14-030	220-28-011G0H	REP-E	81-15-102
212-65-090	NEW	81-14-010	220-28-006C0R	NEW-E	81-14-030	220-28-012C0Z	NEW-E	81-14-056
212-65-095	NEW-P	81-03-051	220-28-006C0R	REP-E	81-15-102	220-28-012C0Z	REP-E	81-15-102
212-65-095	NEW	81-14-010	220-28-006D0H	NEW-E	81-14-056	220-28-012D0S	NEW-E	81-14-056
212-65-100	NEW-P	81-03-051	220-28-006D0H	REP-E	81-15-036	220-28-012D0S	REP-E	81-15-102
212-65-100	NEW	81-14-010	220-28-006D0I	NEW-E	81-15-036	220-28-012F0G	NEW-E	81-02-052
220-20-010	AMD	81-02-053	220-28-006D0I	REP-E	81-15-102	220-28-01300U	NEW-E	81-03-035
220-20-01000E	NEW-E	81-13-018	220-28-006F0L	NEW-E	81-14-056	220-28-013A0E	NEW-E	81-09-035
220-20-012	AMD	81-02-053	220-28-006F0L	REP-E	81-15-036	220-28-013A0F	NEW-E	81-15-040
220-22-020	AMD-P	81-09-082	220-28-006F0M	NEW-E	81-15-036	220-28-013A0F	REP-E	81-15-102
220-22-020	AMD	81-13-005	220-28-006F0M	REP-E	81-15-102	220-28-013F0A	NEW-E	81-09-035
220-22-030	AMD-P	81-12-038	220-28-00700N	NEW-E	81-09-035	220-28-013F0B	NEW-E	81-15-040
220-22-030	AMD	81-18-017	220-28-00700N	REP-E	81-12-007	220-28-013F0B	REP-E	81-15-102
220-22-03000C	NEW-E	81-19-058	220-28-00700P	NEW-E	81-12-007	220-28-013G0H	NEW-E	81-03-035
220-24-01000E	NEW-E	81-13-012	220-28-00700P	REP-E	81-13-040	220-28-100	NEW-E	81-15-102
220-24-01000E	REP-E	81-18-002	220-28-00700Q	NEW-E	81-13-040	220-28-100	REP-E	81-16-043
220-24-02000H	NEW-E	81-13-012	220-28-00700Q	REP-E	81-14-004	220-28-101	NEW-E	81-16-043
220-24-02000H	REP-E	81-18-002	220-28-00700R	NEW-E	81-14-004	220-28-101	REP-E	81-16-048
220-24-02000I	NEW-E	81-18-002	220-28-00700R	REP-E	81-15-014	220-28-102	NEW-E	81-16-048
220-24-02000I	REP-E	81-18-012	220-28-00700S	NEW-E	81-15-014	220-28-102	REP-E	81-16-067
220-24-02000J	NEW-E	81-18-012	220-28-00700S	REP-E	81-15-102	220-28-103	NEW-E	81-16-067
220-24-02000J	REP-E	81-18-016	220-28-007A0M	NEW-E	81-09-035	220-28-103	REP-E	81-17-006
220-24-02000K	NEW-E	81-18-016	220-28-007A0M	REP-E	81-12-007	220-28-104	NEW-E	81-17-006
220-24-02000K	REP-E	81-18-027	220-28-007A0N	NEW-E	81-12-007	220-28-104	REP-E	81-17-036
220-24-02000L	NEW-E	81-18-027	220-28-007A0N	REP-E	81-13-040	220-28-105	NEW-E	81-17-036

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220-28-106	NEW-E 81-17-048	220-40-02100L	NEW-E 81-19-014	220-47-911	NEW-E 81-16-068
220-28-106	REP-E 81-18-011	220-40-022	AMD-P 81-09-082	220-47-911	REP-E 81-17-016
220-28-107	NEW-E 81-18-011	220-40-022	AMD 81-13-005	220-47-912	NEW-E 81-17-007
220-28-107	REP-E 81-18-032	220-40-024	AMD-P 81-09-082	220-47-912	REP-E 81-17-016
220-28-108	NEW-E 81-18-032	220-40-024	AMD 81-13-005	220-47-913	NEW-E 81-17-016
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220-28-109	NEW-E 81-18-076	220-44-040	AMD 81-02-053	220-47-914	NEW-E 81-17-046
220-28-109	REP-E 81-19-017	220-47-07500D	NEW-E 81-15-039	220-47-914	REP-E 81-17-062
220-28-110	NEW-E 81-19-017	220-47-264	AMD-P 81-12-038	220-47-915	NEW-E 81-17-062
220-28-110	REP-E 81-19-023	220-47-264	AMD 81-18-017	220-47-915	REP-E 81-18-010
220-28-111	NEW-E 81-19-023	220-47-307	AMD-P 81-12-038	220-47-916	NEW-E 81-18-010
220-28-111	REP-E 81-19-031	220-47-307	AMD 81-18-017	220-47-916	REP-E 81-18-018
220-28-112	NEW-E 81-19-031	220-47-311	AMD-P 81-12-038	220-47-917	NEW-E 81-18-018
220-28-112	REP-E 81-19-037	220-47-311	AMD 81-18-017	220-47-917	REP-E 81-18-041
220-28-113	NEW-E 81-19-037	220-47-312	AMD-P 81-12-038	220-47-918	NEW-E 81-18-041
220-28-113	REP-E 81-19-058	220-47-312	AMD 81-18-017	220-47-918	REP-E 81-18-056
220-28-114	NEW-E 81-19-058	220-47-313	AMD-P 81-12-038	220-47-919	NEW-E 81-18-056
220-28-114	REP-E 81-19-065	220-47-313	AMD 81-18-017	220-47-919	REP-E 81-19-015
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220-28-115	REP-E 81-19-074	220-47-401	AMD 81-18-017	220-47-920	REP-E 81-19-020
220-28-116	NEW-E 81-19-074	220-47-402	AMD-P 81-12-038	220-47-921	NEW-E 81-19-020
220-28-116	REP-E 81-19-081	220-47-402	AMD 81-18-017	220-47-921	REP-E 81-19-056
220-28-117	NEW-E 81-19-081	220-47-403	AMD-P 81-12-038	220-47-922	NEW-E 81-19-056
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220-28-118	NEW-E 81-19-099	220-47-411	AMD-P 81-12-038	220-47-923	NEW-E 81-19-078
220-28-118	REP-E 81-19-112	220-47-411	AMD 81-18-017	220-47-923	REP-E 81-19-097
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220-32-02200E	NEW-E 81-03-044	220-47-412	AMD 81-18-017	220-48-080	AMD 81-02-053
220-32-00200F	NEW-E 81-16-045	220-47-413	AMD-P 81-12-038	220-48-09001	NEW 81-02-053
220-32-03000B	NEW-E 81-04-003	220-47-413	AMD 81-18-017	220-48-091	AMD 81-02-053
220-32-03000C	NEW-E 81-19-117	220-47-414	AMD-P 81-12-038	220-48-09100C	NEW-E 81-03-031
220-32-03600H	NEW-E 81-06-019	220-47-414	AMD 81-18-017	220-48-092	AMD 81-02-053
220-32-03600I	NEW-E 81-17-061	220-47-600	NEW-E 81-15-103	220-48-096	AMD 81-02-053
220-32-03600J	REP-E 81-18-014	220-47-600	REP-E 81-16-017	220-48-098	AMD 81-02-053
220-32-03600K	NEW-E 81-18-014	220-47-601	NEW-E 81-16-017	220-48-100	AMD 81-02-053
220-32-03600L	REP-E 81-18-028	220-47-601	REP-E 81-16-051	220-48-10000A	NEW-E 81-19-087
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220-32-03600N	REP-E 81-19-030	220-47-602	REP-E 81-16-059	220-49-02000C	NEW-E 81-03-030
220-32-03600O	NEW-E 81-19-030	220-47-603	NEW-E 81-16-059	220-49-02000D	REP-E 81-09-053
220-32-03600P	REP-E 81-19-059	220-47-603	REP-E 81-16-069	220-49-02000E	NEW-E 81-05-023
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220-32-05700J	NEW-E 81-16-045	220-47-609	REP-E 81-18-009	220-52-071	AMD 81-11-006
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220-32-05900A	NEW-E 81-09-007	220-47-611	NEW-E 81-18-019	220-52-075	AMD 81-11-006
220-32-05900B	NEW-E 81-15-054	220-47-611	REP-E 81-18-042	220-52-07500C	NEW-E 81-05-006
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220-36-02100V	NEW-E 81-15-005	220-47-613	NEW-E 81-18-057	220-56-10500A	NEW-E 81-17-061
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220-36-022	AMD 81-13-005	220-47-616	NEW-E 81-19-098	220-56-18000D	REP-E 81-19-018
220-36-024	AMD-P 81-09-082	220-47-617	REP-E 81-19-130	220-56-18000D	NEW-E 81-19-018
220-36-024	AMD 81-13-005	220-47-617	NEW-E 81-19-130	220-56-19000D	NEW-E 81-10-041
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220-57-16000L	REP-E	81-18-075	220-57-48000A	NEW-E	81-19-036	230-04-200	AMD-P	81-10-071
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220-57-17500G	REP-E	81-17-061	220-57-52500A	NEW-E	81-18-003	230-04-203	NEW-P	81-06-074
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220-57-260	AMD	81-05-027	220-57A-155	AMD	81-05-027	230-25-030	AMD	81-19-072
220-57-265	AMD	81-05-027	220-57A-160	AMD	81-05-027	230-25-033	AMD-P	81-16-088
220-57-270	AMD	81-05-027	220-57A-175	AMD	81-05-027	230-25-033	AMD	81-19-072
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220-57-27000G	REP-E	81-19-054	220-57A-185	AMD	81-05-027	230-25-035	REP	81-19-072
220-57-27000H	NEW-E	81-19-054	220-57A-190	AMD	81-05-027	230-25-040	AMD-P	81-16-088
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220-57-28500A	NEW-E	81-18-003	220-69-23402	NEW	81-03-032	230-25-070	AMD	81-19-072
220-57-300	AMD	81-05-027	220-69-23501	NEW	81-03-032	230-25-071	REP-P	81-16-088
220-57-310	AMD	81-05-027	220-69-240	AMD-P	81-07-016	230-25-071	REP	81-19-072
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220-57-31000C	REP-E	81-19-079	220-69-24000C	NEW-E	81-05-006	230-25-100	AMD	81-19-072
220-57-31000D	NEW-E	81-19-079	220-69-241	AMD	81-03-032	230-25-120	AMD-P	81-16-088
220-57-315	AMD	81-05-027	220-69-241	AMD-P	81-07-016	230-25-120	AMD	81-19-072
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220-57-325	AMD	81-05-027	220-69-25401C	NEW-E	81-05-006	230-25-235	AMD-P	81-16-088
220-57-345	AMD	81-05-027	220-69-25402	NEW	81-03-032	230-25-235	AMD	81-19-072
220-57-350	AMD	81-05-027	220-69-25501	NEW	81-03-032	230-25-260	AMD-P	81-16-088
220-57-35000A	NEW-E	81-15-083	220-69-26402	NEW	81-03-032	230-25-265	AMD-P	81-16-088
220-57-35000A	REP-E	81-17-051	220-69-265	AMD	81-03-032	230-25-265	AMD	81-19-072
220-57-370	AMD	81-05-027	220-69-26501	NEW	81-03-032	230-25-315	NEW-P	81-16-088
220-57-37000A	NEW-E	81-16-018	220-69-280	AMD-P	81-07-016	230-25-315	NEW	81-19-072
220-57-37000A	NEW-E	81-16-057	220-95-010	AMD-P	81-05-036	230-25-320	NEW-P	81-16-088
220-57-37000A	REP-E	81-19-077	220-95-010	AMD	81-09-018	230-25-320	NEW	81-19-072
220-57-37000A	REP-E	81-19-077	220-95-012	NEW-P	81-05-036	230-30-015	AMD-P	81-04-072
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230-30-070	AMD-P	81-18-067	232-12-057	NEW	81-12-029
230-30-080	AMD-P	81-16-087	232-12-060	REP-P	81-08-064
230-30-080	AMD	81-19-073	232-12-060	REP	81-12-029
230-30-200	AMD-P	81-08-069	232-12-061	NEW-P	81-08-064
230-30-200	AMD-P	81-11-026	232-12-061	NEW	81-12-029
230-30-200	AMD	81-13-033	232-12-061	AMD-P	81-16-070
230-40-120	AMD-P	81-16-087	232-12-064	NEW-P	81-08-064
230-40-120	AMD	81-19-073	232-12-064	NEW	81-12-029
230-42-010	AMD-P	81-10-071	232-12-065	REP-P	81-08-064
230-42-010	AMD-E	81-11-025	232-12-065	REP	81-12-029
230-42-010	AMD	81-13-032	232-12-067	NEW-P	81-08-064
230-60-015	AMD-P	81-08-069	232-12-067	NEW	81-12-029
230-60-015	AMD	81-11-039	232-12-070	REP-P	81-08-064
230-60-070	AMD-P	81-08-069	232-12-070	REP	81-12-029
230-60-070	AMD	81-11-039	232-12-071	NEW-P	81-08-064
232-12-001	NEW-P	81-08-064	232-12-071	NEW	81-12-029
232-12-001	NEW	81-12-029	232-12-074	NEW-P	81-08-064
232-12-001	AMD-P	81-12-048	232-12-074	NEW	81-12-029
232-12-001	AMD-P	81-16-070	232-12-075	NEW-P	81-16-070
232-12-004	NEW-P	81-08-064	232-12-077	NEW-P	81-08-064
232-12-004	NEW	81-12-029	232-12-077	NEW	81-12-029
232-12-004	AMD-P	81-16-070	232-12-080	REP-P	81-08-064
232-12-007	NEW-P	81-08-064	232-12-080	REP	81-12-029
232-12-007	NEW	81-12-029	232-12-081	NEW-P	81-08-064
232-12-007	AMD-P	81-16-070	232-12-081	NEW	81-12-029
232-12-010	REP-P	81-08-064	232-12-084	NEW-P	81-08-064
232-12-010	REP	81-12-029	232-12-084	NEW	81-12-029
232-12-011	NEW-P	81-08-064	232-12-087	NEW-P	81-08-064
232-12-011	NEW	81-12-029	232-12-087	NEW	81-12-029
232-12-011	AMD-P	81-17-074	232-12-090	REP-P	81-08-064
232-12-014	NEW-P	81-08-064	232-12-090	REP	81-12-029
232-12-014	NEW	81-12-029	232-12-091	NEW-P	81-08-064
232-12-014	AMD-P	81-17-074	232-12-091	NEW	81-12-029
232-12-015	REP-P	81-08-064	232-12-094	NEW-P	81-08-064
232-12-015	REP	81-12-029	232-12-094	NEW	81-12-029
232-12-017	NEW-P	81-08-064	232-12-097	NEW-P	81-08-064
232-12-017	NEW	81-12-029	232-12-097	NEW	81-12-029
232-12-017	AMD-P	81-16-070	232-12-100	REP-P	81-08-064
232-12-019	NEW-P	81-08-064	232-12-100	REP	81-12-029
232-12-019	NEW	81-12-029	232-12-101	NEW-P	81-08-064
232-12-020	REP-P	81-08-064	232-12-101	NEW	81-12-029
232-12-020	REP	81-12-029	232-12-104	NEW-P	81-08-064
232-12-021	NEW-P	81-08-064	232-12-104	NEW	81-12-029
232-12-021	NEW	81-12-029	232-12-104	REP-P	81-08-064
232-12-024	NEW-P	81-08-064	232-12-105	REP	81-12-029
232-12-024	NEW	81-12-029	232-12-107	NEW-P	81-08-064
232-12-027	NEW-P	81-08-064	232-12-107	NEW	81-12-029
232-12-027	NEW	81-12-029	232-12-110	REP-P	81-08-064
232-12-027	AMD-P	81-16-070	232-12-110	REP	81-12-029
232-12-030	REP-P	81-08-064	232-12-111	NEW-P	81-08-064
232-12-030	REP	81-12-029	232-12-111	NEW	81-12-029
232-12-031	NEW-P	81-08-064	232-12-114	NEW-P	81-08-064
232-12-031	NEW	81-12-029	232-12-114	NEW	81-12-029
232-12-034	NEW-P	81-08-064	232-12-117	NEW-P	81-08-064
232-12-034	NEW	81-12-029	232-12-117	NEW	81-12-029
232-12-037	NEW-P	81-08-064	232-12-120	REP-P	81-08-064
232-12-037	NEW	81-12-029	232-12-120	REP	81-12-029
232-12-040	REP-P	81-08-064	232-12-121	NEW-P	81-08-064
232-12-040	REP	81-12-029	232-12-121	NEW	81-12-029
232-12-041	NEW-P	81-08-064	232-12-124	NEW-P	81-08-064
232-12-041	NEW	81-12-029	232-12-124	NEW	81-12-029
232-12-044	NEW-P	81-08-064	232-12-127	NEW-P	81-08-064
232-12-044	NEW	81-12-029	232-12-127	NEW	81-12-029
232-12-044	AMD-P	81-16-070	232-12-130	REP-P	81-08-064
232-12-047	NEW-P	81-08-064	232-12-130	REP	81-12-029
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232-12-047	AMD-P	81-16-070	232-12-134	NEW-P	81-08-064
234-12-047	AMD-E	81-18-060	232-12-134	NEW	81-12-029
232-12-051	NEW-P	81-08-064	232-12-134	AMD-P	81-14-074
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232-12-135	REP	81-12-029	232-12-137	NEW-P	81-08-064
232-12-137	NEW-P	81-08-064	232-12-137	NEW	81-12-029
232-12-137	NEW	81-12-029	232-12-137	AMD-P	81-14-074
232-12-137	AMD-P	81-14-074	232-12-140	REP-P	81-08-064
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232-12-141	NEW-P	81-08-064	232-12-141	NEW	81-12-029
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232-12-144	NEW-P	81-08-064	232-12-144	NEW-P	81-08-064
232-12-144	NEW	81-12-029	232-12-144	NEW	81-12-029
232-12-147	NEW-P	81-08-064	232-12-147	NEW-P	81-08-064
232-12-147	NEW	81-12-029	232-12-147	NEW	81-12-029
232-12-147	AMD-P	81-16-070	232-12-147	AMD-P	81-16-070
232-12-150	REP-P	81-08-064	232-12-150	REP-P	81-08-064
232-12-150	REP	81-12-029	232-12-150	REP	81-12-029
232-12-151	NEW-P	81-08-064	232-12-151	NEW-P	81-08-064
232-12-151	NEW	81-12-029	232-12-151	NEW	81-12-029
232-12-154	NEW-P	81-08-064	232-12-154	NEW-P	81-08-064
232-12-154	NEW	81-12-029	232-12-154	NEW	81-12-029
232-12-154	AMD-P	81-17-074	232-12-154	AMD-P	81-17-074
232-12-157	NEW-P	81-08-064	232-12-157	NEW-P	81-08-064
232-12-157	NEW	81-12-029	232-12-157	NEW	81-12-029
232-12-157	AMD-P	81-17-074	232-12-160	REP-P	81-08-064
232-12-160	REP-P	81-08-064	232-12-160	REP	81-12-029
232-12-160	REP	81-12-029	232-12-161	NEW-P	81-08-064
232-12-161	NEW-P	81-08-064	232-12-161	NEW-P	81-12-029
232-12-161	NEW	81-12-029	232-12-161	NEW	81-12-029
232-12-164	NEW-P	81-08-064	232-12-164	NEW-P	81-08-064
232-12-164	AMD-P	81-16-070	232-12-164	AMD-P	81-16-070
232-12-164	NEW	81-12-029	232-12-164	NEW	81-12-029
232-12-167	NEW-P	81-08-064	232-12-167	NEW-P	81-08-064
232-12-167	NEW	81-12-029	232-12-167	NEW	81-12-029
232-12-170	REP-P	81-08-064	232-12-170	REP-P	81-08-064
232-12-170	REP	81-12-029	232-12-170	REP	81-12-029
232-12-171	REP-P	81-08-064	232-12-171	REP-P	81-08-064
232-12-171	REP	81-12-029	232-12-171	REP	81-12-029
232-12-173	REP-P	81-08-064	232-12-173	REP-P	81-08-064
232-12-173	REP	81-12-029	232-12-173	REP	81-12-029
232-12-174	NEW-P	81-08-064	232-12-174	NEW-P	81-08-064
232-12-174	NEW	81-12-029	232-12-174	NEW	81-12-029
232-12-177	NEW-P	81-08-064	232-12-177	NEW-P	81-08-064
232-12-177	NEW	81-12-029	232-12-177	NEW	81-12-029
232-12-180	REP-P	81-08-064	232-12-180	REP-P	81-08-064
232-12-180	REP	81-12-029	232-12-180	REP	81-12-029
232-12-181	NEW-P	81-08-064	232-12-181	NEW-P	81-08-064
232-12-181	NEW	81-12-029	232-12-181	NEW	81-12-029
232-12-184	NEW-P	81-08-064	232-12-184	NEW-P	81-08-064
232-12-184	NEW	81-12-029	232-12-184	NEW	81-12-029
232-12-187	NEW-P	81-08-064	232-12-187	NEW-P	81-08-064
232-12-187	NEW	81-12-029	232-12-187	NEW	81-12-029
232-12-189	NEW-P	81-08-064	232-12-189	NEW-P	81-16-070
232-12-189	REP-P	81-08-064	232-12-190	REP-P	81-08-064
232-12-190	REP	81-12-029	232-12-190	REP	81-12-029
232-12-191	NEW-P	81-08-064	232-12-191	NEW-P	81-08-064
232-12-191	NEW	81-12-029	232-12-191	NEW	81-12-029
232-12-194	NEW-P	81-08-064	232-12-194	NEW-P	81-08-064
232-12-194	NEW	81-12-029	232-12-194	NEW	81-12-029
232-12-197	NEW-P	81-08-064	232-12-197	NEW-P	81-08-064
232-12-197	NEW	81-12-029	232-12-197	NEW	81-12-029
232-12-200	REP-P	81-08-064	232-12-200	REP-P	81-08-064
232-12-200	REP	81-12-029	232-12-200	REP	81-12-029
232-12-201	REP-P	81-08-064	232-12-201	REP-P	81-08-064
232-12-201	REP	81-12-029	232-12-201	REP	81-12-029
232-12-205	REP-P	81-08-064	232-12-205	REP-P	81-08-064
232-12-205	REP	81-12-029	232-12-205	REP	81-12-029
232-12-207	NEW-P	81-08-064	232-12-207	NEW-P	81-08-064
232-12-207	NEW	81-12-029	232-12-207	NEW	81-12-029
232-12-210	REP-P	81-08-064	232-12-210	REP-P	81-08-064
232-12-210	REP	81-12-029	232-12-210	REP	81-12-029
232-12-211	REP-P	81-08-064	232-12-211	REP-P	81-08-064
232-12-211	REP	81-12-029	232-12-211	REP	81-12-029

Table of WAC Sections Affected

WAC #	WSR #	WAC #	WSR #	WAC #	WSR #			
232-12-212	REP-P	81-08-064	232-12-294	NEW	81-12-029	232-12-670	REP	81-12-029
232-12-212	REP	81-12-029	232-12-300	REP-P	81-08-064	232-12-675	REP-P	81-08-064
232-12-213	REP-P	81-08-064	232-12-300	REP	81-12-029	232-12-675	REP	81-12-029
232-12-213	REP	81-12-029	232-12-310	REP-P	81-08-064	232-12-676	REP-P	81-08-064
232-12-214	REP-P	81-08-064	232-12-310	REP	81-12-029	232-12-676	REP	81-12-029
232-12-214	REP	81-12-029	232-12-320	REP-P	81-08-064	232-12-680	REP-P	81-08-064
232-12-215	REP-P	81-08-064	232-12-320	REP	81-12-029	232-12-680	REP	81-12-029
232-12-215	REP	81-12-029	232-12-340	REP-P	81-08-064	232-12-690	REP-P	81-08-064
232-12-220	REP-P	81-08-064	232-12-340	REP	81-12-029	232-12-690	REP	81-12-029
232-12-220	REP	81-12-029	232-12-350	REP-P	81-08-064	232-12-700	REP-P	81-08-064
232-12-221	NEW-P	81-08-064	232-12-350	REP	81-12-029	232-12-700	REP	81-12-029
232-12-221	NEW	81-12-029	232-12-355	REP-P	81-08-064	232-12-710	REP-P	81-08-064
232-12-224	NEW-P	81-08-064	232-12-355	REP	81-12-029	232-12-710	REP	81-12-029
232-12-224	NEW	81-12-029	232-12-360	AMD-P	81-05-031	232-12-802	REP-P	81-17-074
232-12-227	NEW-P	81-08-064	232-12-360	REP-P	81-08-064	232-12-804	AMD-P	81-17-074
232-12-227	NEW	81-12-029	232-12-360	AMD-E	81-09-027	232-12-806	AMD-P	81-17-074
232-12-230	REP-P	81-08-064	232-12-360	REP	81-12-029	232-12-808	REP-P	81-17-074
232-12-230	REP	81-12-029	232-12-365	REP-P	81-08-064	232-12-810	AMD-P	81-17-074
232-12-231	REP-P	81-08-064	232-12-365	REP	81-12-029	232-12-812	REP-P	81-17-074
232-12-231	REP	81-12-029	232-12-370	REP-P	81-08-064	232-12-814	AMD-P	81-17-074
232-12-232	REP-P	81-08-064	232-12-370	REP	81-12-029	232-12-816	REP-P	81-08-064
232-12-232	REP	81-12-029	232-12-373	REP-P	81-08-064	232-12-816	REP	81-12-029
232-12-233	REP-P	81-08-064	232-12-373	REP	81-12-029	232-12-818	REP-P	81-17-074
232-12-233	REP	81-12-029	232-12-380	REP-P	81-08-064	232-12-820	AMD-P	81-17-074
232-12-234	REP-P	81-08-064	232-12-380	REP	81-12-029	232-12-822	REP-P	81-17-074
232-12-234	REP	81-12-029	232-12-390	REP-P	81-08-064	232-12-824	AMD-P	81-17-074
232-12-235	REP-P	81-08-064	232-12-390	REP	81-12-029	232-12-826	REP-P	81-17-074
232-12-235	REP	81-12-029	232-12-400	REP-P	81-08-064	232-16-365	REP-P	81-12-048
232-12-236	REP-P	81-08-064	232-12-400	REP	81-12-029	232-16-365	REP	81-18-025
232-12-236	REP	81-12-029	232-12-405	REP-P	81-08-064	232-16-400	AMD-P	81-12-048
232-12-237	REP-P	81-08-064	232-12-405	REP	81-12-029	232-16-400	AMD	81-18-025
232-12-237	REP	81-12-029	232-12-410	REP-P	81-08-064	232-21-100	REP-P	81-05-031
232-12-238	REP-P	81-08-064	232-12-410	REP	81-12-029	232-21-100	REP-P	81-08-064
232-12-238	REP	81-12-029	232-12-420	REP-P	81-08-064	232-21-100	REP-E	81-09-026
232-12-240	REP-P	81-08-064	232-12-420	REP	81-12-029	232-21-100	REP	81-12-005
232-12-240	REP	81-12-029	232-12-430	REP-P	81-08-064	232-21-101	NEW-P	81-05-031
232-12-241	NEW-P	81-08-064	232-12-430	REP	81-12-029	232-21-101	NEW-P	81-08-064
232-12-241	NEW	81-12-029	232-12-435	REP-P	81-08-064	232-21-101	NEW-E	81-09-026
232-12-241	AMD-P	81-16-070	232-12-435	REP	81-12-029	232-21-101	NEW	81-12-005
232-12-244	NEW-P	81-08-064	232-12-440	REP-P	81-08-064	232-28-001	REP-P	81-05-031
232-12-244	NEW	81-12-029	232-12-440	REP	81-12-029	232-28-100	REP-P	81-05-031
232-12-247	NEW-P	81-08-064	232-12-450	REP-P	81-08-064	232-28-103	REP-P	81-12-048
232-12-247	NEW	81-12-029	232-12-450	REP	81-12-029	232-28-103	REP	81-18-026
232-12-251	NEW-P	81-08-064	232-12-460	REP-P	81-08-064	232-28-104	NEW-P	81-12-048
232-12-251	NEW	81-12-029	232-12-460	REP	81-12-029	232-28-104	NEW	81-18-026
232-12-254	NEW-P	81-08-064	232-12-470	REP-P	81-08-064	232-28-200	REP-P	81-05-031
232-12-254	NEW	81-12-029	232-12-470	REP	81-12-029	232-28-203	REP-P	81-08-064
232-12-255	REP-P	81-08-064	232-12-480	REP-P	81-08-064	232-28-203	REP	81-15-066
232-12-255	REP	81-12-029	232-12-480	REP	81-12-029	232-28-204	NEW-P	81-08-064
232-12-257	NEW-P	81-08-064	232-12-490	REP-P	81-08-064	232-28-204	NEW	81-15-066
232-12-257	NEW	81-12-029	232-12-490	REP	81-12-029	232-28-20401	NEW-P	81-12-048
232-12-261	NEW-P	81-08-064	232-12-500	REP-P	81-08-064	232-28-20401	NEW	81-15-065
232-12-261	NEW	81-12-029	232-12-500	REP	81-12-029	232-28-20402	NEW	81-17-074
232-12-264	NEW-P	81-08-064	232-12-510	REP-P	81-08-064	232-28-20403	NEW-E	81-18-036
232-12-264	NEW	81-12-029	232-12-510	REP	81-12-029	232-28-300	REP-P	81-05-031
232-12-267	NEW-P	81-08-064	232-12-520	REP-P	81-08-064	232-28-303	REP-P	81-08-064
232-12-267	NEW	81-12-029	232-12-520	REP	81-12-029	232-28-303	REP	81-15-066
232-12-271	NEW-P	81-08-064	232-12-530	REP-P	81-08-064	232-28-304	NEW-P	81-08-064
232-12-271	NEW	81-12-029	232-12-530	REP	81-12-029	232-28-304	NEW	81-15-066
232-12-274	NEW-P	81-08-064	232-12-550	REP-P	81-08-064	232-28-400	REP-P	81-05-031
232-12-274	NEW	81-12-029	232-12-550	REP	81-12-029	232-28-403	REP-P	81-14-074
232-12-277	NEW-P	81-08-064	232-12-570	REP-P	81-08-064	232-28-403	REP-E	81-19-069
232-12-277	NEW	81-12-029	232-12-570	REP	81-12-029	232-28-403	REP	81-19-108
232-12-280	REP-P	81-08-064	232-12-630	REP-P	81-08-064	232-28-404	NEW-P	81-14-074
232-12-280	REP	81-12-029	232-12-630	REP	81-12-029	232-28-404	NEW-E	81-19-069
232-12-281	NEW-P	81-08-064	232-12-640	REP-P	81-08-064	232-28-404	NEW	81-19-108
232-12-281	NEW	81-12-029	232-12-640	REP	81-12-029	232-28-404	NEW	81-19-108
232-12-284	NEW-P	81-08-064	232-12-650	REP-P	81-08-064	232-28-500	REP-P	81-05-031
232-12-284	NEW	81-12-029	232-12-650	REP	81-12-029	232-28-503	REP-P	81-12-048
232-12-287	NEW-P	81-08-064	232-12-655	REP-P	81-08-064	232-28-503	REP	81-18-024
232-12-287	NEW	81-12-029	232-12-655	REP	81-12-029	232-28-504	NEW-P	81-12-048
232-12-291	NEW-P	81-08-064	232-12-660	REP-P	81-08-064	232-28-504	NEW	81-18-024
232-12-291	NEW	81-12-029	232-12-660	REP	81-12-029	232-28-600	REP-P	81-05-031
232-12-294	NEW-P	81-08-064	232-12-670	REP-P	81-08-064	232-28-603	REP-P	81-14-074
						232-28-604	NEW-P	81-14-074

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WAC #	WSR #	WAC #	WSR #	WAC #	WSR #
232-28-60301	NEW-E 81-08-011	248-14-155	NEW-P 81-08-047	248-19-405	NEW 81-09-012
232-28-60302	NEW-E 81-09-066	248-14-155	NEW 81-14-066	248-19-410	AMD-E 81-05-030
232-28-60303	NEW-E 81-11-059	248-14-160	AMD-P 81-08-047	248-19-410	AMD 81-09-012
232-28-60304	NEW-P 81-12-048	248-14-160	AMD 81-14-066	248-19-415	NEW-E 81-05-030
232-28-60304	NEW 81-15-064	248-14-170	AMD-P 81-08-047	248-19-415	NEW 81-09-012
232-28-60305	NEW-P 81-12-048	248-14-170	AMD 81-14-066	248-19-420	AMD-E 81-05-030
232-28-60305	NEW-E 81-15-063	248-14-180	AMD-P 81-08-047	248-19-420	AMD 81-09-012
232-28-60306	NEW-P 81-12-048	248-14-180	AMD 81-14-066	248-19-430	AMD-E 81-05-030
232-28-60306	NEW-E 81-15-038	248-14-200	AMD-P 81-08-047	248-19-430	AMD 81-09-012
232-28-60307	NEW-E 81-15-037	248-14-200	AMD 81-14-066	248-19-440	AMD-E 81-05-030
232-28-60308	NEW-E 81-16-046	248-14-285	AMD 81-03-005	248-19-440	AMD 81-09-012
232-28-60309	NEW-E 81-18-055	248-15-020	AMD-P 81-19-083	248-19-450	AMD-E 81-05-030
232-28-60310	NEW-E 81-18-054	248-15-030	AMD-P 81-19-083	248-19-450	AMD 81-09-012
232-28-60311	NEW-E 81-19-021	248-15-050	AMD-P 81-19-083	248-19-475	NEW-E 81-05-030
232-28-702	REP 81-04-018	248-15-080	AMD-P 81-19-083	248-19-475	NEW 81-09-012
232-28-703	NEW 81-04-018	248-15-090	REP-P 81-19-083	248-19-480	AMD-E 81-05-030
232-28-802	REP-P 81-05-031	248-15-091	NEW-P 81-19-083	248-19-480	AMD 81-09-012
232-28-802	REP-P 81-08-064	248-18	AMD-P 81-03-038	248-19-490	AMD-E 81-05-030
232-28-802	REP-E 81-09-025	248-18-001	AMD 81-05-029	248-19-490	AMD 81-09-012
232-28-802	REP 81-12-004	248-18-010	AMD 81-05-029	248-19-500	AMD-E 81-05-030
232-28-803	NEW-P 81-05-031	248-18-190	AMD-P 81-18-064	248-19-500	AMD 81-09-012
232-28-803	NEW-P 81-08-064	248-18-240	AMD-P 81-18-064	248-21-001	NEW-P 81-18-065
232-28-803	NEW-E 81-09-025	248-18-500	AMD 81-05-029	248-21-002	NEW-P 81-18-065
232-28-803	NEW 81-12-004	248-18-505	AMD 81-05-029	248-21-005	NEW-P 81-18-065
232-32-126	REP-E 81-02-021	248-18-510	AMD 81-05-029	248-21-010	NEW-P 81-18-065
232-32-127	NEW-E 81-02-021	248-18-515	AMD 81-05-029	248-21-015	NEW-P 81-18-065
232-32-128	NEW-E 81-03-009	248-18-530	AMD-P 81-18-064	248-21-020	NEW-P 81-18-065
232-32-129	NEW-E 81-03-010	248-18-534	NEW-P 81-18-064	248-21-025	NEW-P 81-18-065
232-32-130	NEW-E 81-03-033	248-18-710	AMD-P 81-18-064	248-21-030	NEW-P 81-18-065
232-32-131	NEW-E 81-04-017	248-19	AMD-P 81-03-039	248-21-035	NEW-P 81-18-065
232-32-132	NEW-E 81-04-057	248-19	AMD-P 81-04-013	248-21-040	NEW-P 81-18-065
232-32-133	NEW-E 81-05-011	248-19-200	AMD-E 81-05-030	248-21-045	NEW-P 81-18-065
236-12-430	AMD-P 81-08-015	248-19-200	AMD 81-09-012	248-21-050	NEW-P 81-18-065
236-12-430	AMD-E 81-08-016	248-19-210	AMD-E 81-05-030	248-21-055	NEW-P 81-18-065
236-12-430	AMD 81-11-001	248-19-210	AMD 81-09-012	248-22-060	REP-P 81-04-011
236-12-470	AMD-P 81-08-015	248-19-220	AMD-E 81-05-030	248-22-060	REP 81-07-035
236-12-470	AMD-E 81-08-016	248-19-220	AMD 81-09-012	248-22-070	REP-P 81-04-012
236-12-470	AMD 81-11-001	248-19-230	AMD-E 81-05-030	248-22-070	REP 81-07-035
237-990	AMD 81-09-016	248-19-230	AMD 81-09-012	248-22-080	REP-P 81-04-012
247-02-040	AMD-E 81-13-006	248-19-240	AMD-E 81-05-030	248-22-080	REP 81-07-035
247-02-050	AMD-E 81-13-006	248-19-240	AMD 81-09-012	248-22-090	REP-P 81-04-012
247-16-010	AMD-E 81-13-006	248-19-250	AMD-E 81-05-030	248-22-090	REP 81-07-035
247-16-030	AMD-E 81-13-006	248-19-250	AMD 81-09-012	248-54-560	AMD-P 81-18-063
247-16-040	AMD-E 81-13-006	248-19-260	AMD-E 81-05-030	248-54-740	AMD-P 81-18-063
247-16-060	AMD-E 81-13-006	248-19-260	AMD 81-09-012	248-54-750	AMD-P 81-18-063
247-16-070	AMD-E 81-13-006	248-19-270	AMD-E 81-05-030	248-60A-010	REP-P 81-16-004
247-16-080	REP-E 81-13-006	248-19-270	AMD 81-09-012	248-60A-020	REP-P 81-16-004
247-16-090	NEW-E 81-13-006	248-19-280	AMD-E 81-05-030	248-60A-030	REP-P 81-16-004
247-16-100	NEW-E 81-13-006	248-19-280	AMD 81-09-012	248-60A-040	REP-P 81-16-004
248-12-170	AMD-P 81-15-071	248-19-300	AMD-E 81-05-030	248-60A-050	REP-P 81-16-004
248-14	AMD-P 81-03-004	248-19-300	AMD 81-09-012	248-60A-060	REP-P 81-16-004
248-14	AMD-P 81-11-042	248-19-310	AMD-E 81-05-030	248-60A-070	REP-P 81-16-004
248-14-001	AMD-P 81-08-047	248-19-310	AMD 81-09-012	248-60A-080	REP-P 81-16-004
248-14-001	AMD 81-14-066	248-19-320	AMD-E 81-05-030	248-60A-090	REP-P 81-16-004
248-14-100	AMD-P 81-08-047	248-19-320	AMD 81-09-012	248-60A-100	REP-P 81-16-004
248-14-100	AMD 81-14-066	248-19-325	NEW-E 81-05-030	248-60A-110	REP-P 81-16-004
248-14-110	AMD-P 81-08-047	248-19-325	NEW 81-09-012	248-60A-120	REP-P 81-16-004
248-14-110	AMD 81-14-066	248-19-330	AMD-E 81-05-030	248-60A-130	REP-P 81-16-004
248-14-114	NEW-P 81-08-047	248-19-330	AMD 81-09-012	248-60A-140	REP-P 81-16-004
248-14-114	NEW 81-14-066	248-19-340	AMD-E 81-05-030	248-60A-150	REP-P 81-16-004
248-14-120	AMD-P 81-08-047	248-19-340	AMD 81-09-012	248-60A-160	REP-P 81-16-004
248-14-120	AMD 81-14-066	248-19-350	AMD-E 81-05-030	248-60A-170	REP-P 81-16-004
248-14-125	NEW-P 81-08-047	248-19-350	AMD 81-09-012	248-61-001	REP-P 81-16-004
248-14-125	NEW 81-14-066	248-19-360	AMD-E 81-05-030	248-61-010	REP-P 81-16-004
248-14-128	NEW-P 81-08-047	248-19-360	AMD 81-09-012	248-61-015	REP-P 81-16-004
248-14-128	NEW 81-14-066	248-19-370	AMD-E 81-05-030	248-61-020	REP-P 81-16-004
248-14-130	AMD-P 81-08-047	248-19-370	AMD 81-09-012	248-61-030	REP-P 81-16-004
248-14-130	AMD 81-14-066	248-19-390	AMD-E 81-05-030	248-61-040	REP-P 81-16-004
248-14-140	AMD-P 81-08-047	248-19-390	AMD 81-09-012	248-61-050	REP-P 81-16-004
248-14-140	AMD 81-14-066	248-19-400	AMD-E 81-05-030	248-61-060	REP-P 81-16-004
248-14-150	AMD-P 81-08-047	248-19-400	AMD 81-09-012	248-61-070	REP-P 81-16-004
248-14-150	AMD 81-14-066	248-19-403	NEW-E 81-05-030	248-61-080	REP-P 81-16-004
248-14-152	NEW-P 81-08-047	248-19-403	NEW 81-09-012	248-61-090	REP-P 81-16-004
248-14-152	NEW 81-14-066	248-19-405	NEW-E 81-05-030	248-61-100	REP-P 81-16-004

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WAC #	WSR #	WAC #	WSR #	WAC #	WSR #			
248-61-110	REP-P	81-16-004	250-55-220	AMD	81-13-041	260-12-010	AMD-P	81-14-016
248-61-120	REP-P	81-16-004	251-04-020	AMD-P	81-04-051	260-12-010	AMD	81-15-034
248-61-130	REP-P	81-16-004	251-04-020	AMD-P	81-10-009	260-12-050	AMD-P	81-15-101
248-61-140	REP-P	81-16-004	251-04-020	AMD-P	81-12-032	260-12-050	AMD	81-18-020
248-61-150	REP-P	81-16-004	251-04-020	AMD	81-15-003	260-12-140	AMD-P	81-07-020
248-61-160	REP-P	81-16-004	251-04-020	AMD-P	81-18-040	260-12-140	AMD	81-08-013
248-61-170	REP-P	81-16-004	251-06-080	AMD-P	81-10-005	260-20-075	NEW-P	81-07-020
248-61-180	REP-P	81-16-004	251-06-080	AMD-P	81-15-002	260-20-075	NEW	81-08-013
248-75-010	NEW-P	81-19-125	251-06-080	AMD-P	81-16-064	260-20-170	AMD-E	81-08-030
248-75-020	NEW-P	81-19-125	251-10-055	AMD-P	81-04-051	260-20-170	AMD-P	81-11-048
248-75-030	NEW-P	81-19-125	251-10-055	AMD-P	81-10-009	260-20-170	AMD-P	81-14-015
248-75-040	NEW-P	81-19-125	251-10-055	AMD-P	81-12-032	260-20-170	AMD-E	81-14-019
248-75-050	NEW-P	81-19-125	251-10-055	AMD	81-15-003	260-20-170	AMD	81-15-033
248-96-020	AMD-P	81-02-042	251-10-110	AMD-P	81-04-051	260-24-280	AMD-P	81-07-020
248-96-020	AMD	81-05-028	251-10-110	AMD-P	81-10-009	260-24-280	AMD	81-08-013
248-100-295	AMD-P	81-08-003	251-10-110	AMD-P	81-12-032	260-32-040	AMD-P	81-07-021
248-100-295	AMD	81-11-061	251-10-110	AMD-P	81-15-002	260-32-040	AMD-W	81-08-024
248-100-450	AMD-P	81-18-066	251-10-110	AMD	81-18-039	260-36-040	AMD-P	81-07-020
248-152-035	NEW-P	81-12-041	251-10-112	NEW-P	81-04-051	260-36-040	AMD-W	81-08-024
248-152-035	NEW	81-15-027	251-10-112	NEW-P	81-10-009	260-36-110	AMD-P	81-11-049
248-156-010	NEW-P	81-06-007	251-10-112	NEW-P	81-12-032	260-36-110	AMD-P	81-14-016
248-156-010	NEW	81-09-060	251-10-113	NEW-P	81-04-051	260-36-110	AMD	81-15-034
248-156-020	NEW-P	81-06-007	251-10-113	NEW-P	81-10-009	260-36-180	NEW-P	81-07-020
248-156-020	NEW	81-09-060	251-10-113	NEW-P	81-12-032	260-36-180	NEW-P	81-08-012
248-156-030	NEW-P	81-06-007	251-12-072	AMD-P	81-09-023	260-36-180	NEW	81-09-075
248-156-030	NEW	81-09-060	251-12-240	AMD-P	81-04-051	260-40-120	AMD-P	81-07-020
250-20-001	AMD-P	81-10-069	251-12-240	AMD-P	81-10-009	260-40-120	AMD-P	81-08-012
250-20-001	AMD	81-13-038	251-12-240	AMD-P	81-12-032	260-40-120	AMD-W	81-09-071
250-20-021	AMD-P	81-10-069	251-12-240	AMD-P	81-15-002	260-40-120	AMD-P	81-11-049
250-20-021	AMD	81-13-038	251-12-240	AMD	81-18-039	260-40-120	AMD-P	81-14-016
250-40-030	AMD-P	81-10-070	251-18-010	AMD-P	81-09-023	260-40-120	AMD	81-15-034
250-40-030	AMD	81-13-037	251-18-020	AMD-P	81-09-023	260-48-110	AMD-P	81-07-020
250-40-040	AMD-P	81-10-070	251-18-025	AMD-P	81-09-023	260-48-110	AMD-E	81-08-030
250-40-040	AMD	81-13-037	251-18-030	AMD-P	81-09-023	260-48-110	AMD-P	81-11-048
250-40-050	AMD-P	81-10-070	251-18-050	REP-P	81-09-023	260-48-110	AMD-P	81-14-015
250-40-050	AMD	81-13-037	251-18-060	AMD-P	81-09-023	260-48-110	AMD-E	81-14-019
250-40-070	AMD-P	81-10-070	251-18-070	AMD-P	81-09-023	260-48-110	AMD	81-15-033
250-40-070	AMD	81-13-037	251-18-080	REP-P	81-09-023	260-48-305	NEW-P	81-11-049
250-44-010	AMD-E	81-09-032	251-18-100	REP-P	81-09-023	260-48-305	NEW-P	81-14-016
250-44-020	AMD-E	81-09-032	251-18-110	AMD-P	81-09-023	260-48-305	NEW	81-15-034
250-44-030	AMD-E	81-09-032	251-18-112	NEW-P	81-09-023	260-48-326	NEW-E	81-08-030
250-44-040	AMD-E	81-09-032	251-18-115	REP-P	81-09-023	260-48-326	NEW-P	81-11-048
250-44-050	AMD-E	81-09-032	251-18-120	REP-P	81-09-023	260-48-326	NEW-P	81-14-015
250-44-090	AMD-E	81-09-032	251-18-130	AMD-P	81-09-023	260-48-326	NEW-E	81-14-019
250-44-110	AMD-E	81-09-032	251-18-140	AMD-P	81-09-023	260-48-326	NEW	81-15-033
250-44-120	AMD-E	81-09-032	251-18-145	NEW-P	81-09-023	260-48-328	NEW-P	81-15-101
250-44-130	AMD-E	81-09-032	251-18-150	REP-P	81-09-023	260-48-328	NEW	81-18-021
250-44-140	AMD-E	81-09-032	251-18-155	REP-P	81-09-023	260-52-010	AMD-P	81-07-020
250-44-150	AMD-E	81-09-032	251-18-160	REP-P	81-09-023	260-52-010	AMD	81-08-013
250-44-160	AMD-E	81-09-032	251-18-170	REP-P	81-09-023	260-52-040	AMD-P	81-07-020
250-44-180	AMD-E	81-09-032	251-18-175	AMD-P	81-09-023	260-52-040	AMD	81-08-013
250-44-200	AMD-E	81-09-032	251-18-180	AMD-P	81-09-023	260-60-050	AMD-P	81-07-020
250-44-210	AMD-E	81-09-032	251-18-181	AMD-P	81-09-023	260-60-050	AMD-P	81-08-012
250-55-020	AMD-P	81-09-068	251-18-185	AMD-P	81-09-023	260-60-050	AMD	81-09-075
250-55-020	AMD	81-13-041	251-18-190	AMD-P	81-09-023	260-60-115	NEW-P	81-07-020
250-55-030	AMD-P	81-09-068	251-18-200	AMD-P	81-09-023	260-60-115	NEW-P	81-08-012
250-55-030	AMD	81-13-041	251-18-330	AMD-P	81-04-051	260-60-115	NEW	81-09-075
250-55-040	AMD-P	81-09-068	251-18-330	AMD-P	81-10-009	260-60-120	AMD-P	81-07-020
250-55-040	AMD	81-13-041	251-18-330	AMD-P	81-12-032	260-60-120	AMD	81-08-013
250-55-050	AMD-P	81-09-068	251-18-330	AMD	81-15-003	260-60-210	AMD-P	81-07-020
250-55-050	AMD	81-13-041	251-18-330	AMD-P	81-16-065	260-60-210	AMD-P	81-08-012
250-55-070	AMD-P	81-09-068	251-20-010	AMD-P	81-09-023	260-60-210	AMD	81-09-075
250-55-070	AMD	81-13-041	251-20-030	AMD-P	81-09-023	260-70-140	AMD-P	81-07-020
250-55-100	AMD-P	81-09-068	251-20-030	AMD	81-15-021	260-70-140	AMD-P	81-08-012
250-55-100	AMD	81-13-041	251-20-040	AMD-P	81-09-023	260-70-140	AMD	81-09-075
250-55-110	AMD-P	81-09-068	251-20-040	AMD	81-15-021	261-20	AMD-P	81-02-036
250-55-110	AMD	81-13-041	251-20-050	AMD-P	81-09-023	261-20-010	NEW-P	81-02-035
250-55-120	AMD-P	81-09-068	251-20-050	AMD	81-15-021	261-20-010	NEW	81-06-016
250-55-120	AMD	81-13-041	251-20-060	AMD-P	81-09-023	261-20-020	NEW-P	81-02-035
250-55-150	AMD-P	81-09-068	251-22-240	AMD-P	81-04-023	261-20-020	NEW	81-06-016
250-55-150	AMD	81-13-041	251-22-240	AMD	81-07-002	261-20-030	NEW-P	81-02-035
250-55-160	AMD-P	81-09-068	260-12-010	AMD-P	81-07-020	261-20-030	NEW	81-06-016
250-55-160	AMD	81-13-041	260-12-010	AMD	81-08-013	261-20-030	AMD	81-06-017
250-55-220	AMD-P	81-09-068	260-12-010	AMD-P	81-11-049	261-20-040	NEW-P	81-02-035

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WAC #	WSR #	WAC #	WSR #	WAC #	WSR #			
261-20-040	NEW	81-06-016	275-55-021	NEW-P	81-16-035	275-76-050	REP-P	81-15-092
261-20-050	NEW-P	81-02-035	275-55-030	AMD-P	81-16-035	275-76-060	REP-P	81-15-092
261-20-050	NEW	81-06-016	275-55-040	AMD-P	81-16-035	275-76-070	REP-P	81-15-092
261-20-060	NEW-P	81-02-035	275-55-041	REP-P	81-16-035	275-76-080	REP-P	81-15-092
261-20-060	NEW	81-06-016	275-55-050	AMD-P	81-16-035	275-76-090	REP-P	81-15-092
261-20-065	NEW-P	81-02-035	275-55-060	AMD-P	81-16-035	275-76-100	REP-P	81-15-092
261-20-065	NEW	81-06-016	275-55-061	REP-P	81-16-035	275-76-110	REP-P	81-15-092
261-20-070	NEW-P	81-02-035	275-55-070	REP-P	81-16-035	275-76-120	REP-P	81-15-092
261-20-070	NEW	81-06-016	275-55-071	NEW-P	81-16-035	275-76-130	REP-P	81-15-092
261-20-080	NEW-P	81-02-035	275-55-080	REP-P	81-16-035	275-76-140	REP-P	81-15-092
261-20-080	NEW	81-06-016	275-55-081	NEW-P	81-16-035	275-76-150	REP-P	81-15-092
275-16-010	AMD-E	81-04-032	275-55-090	AMD-P	81-16-035	275-80-805	REP-P	81-15-092
275-16-010	AMD-P	81-04-038	275-55-100	REP-P	81-16-035	275-80-810	REP-P	81-15-092
275-16-010	AMD	81-08-020	275-55-110	AMD-P	81-16-035	275-80-815	REP-P	81-15-092
275-16-015	NEW-E	81-04-032	275-55-120	REP-P	81-16-035	275-80-840	REP-P	81-15-092
275-16-015	NEW-P	81-04-038	275-55-121	NEW-P	81-16-035	275-80-842	REP-P	81-15-092
275-16-015	NEW	81-08-020	275-55-130	REP-P	81-16-035	275-80-844	REP-P	81-15-092
275-16-035	NEW-E	81-04-032	275-55-131	NEW-P	81-16-035	275-80-846	REP-P	81-15-092
275-16-035	NEW-P	81-04-038	275-55-140	REP-P	81-16-035	275-80-848	REP-P	81-15-092
275-16-035	NEW	81-08-020	275-55-141	NEW-P	81-16-035	275-80-852	REP-P	81-15-092
275-16-040	REP-E	81-04-032	275-55-150	REP-P	81-16-035	275-80-854	REP-P	81-15-092
275-16-040	REP-P	81-04-038	275-55-151	NEW-P	81-16-035	275-80-860	REP-P	81-15-092
275-16-040	REP	81-08-020	275-55-160	REP-P	81-16-035	275-80-870	REP-P	81-15-092
275-16-055	NEW-E	81-04-032	275-55-161	NEW-P	81-16-035	275-80-872	REP-P	81-15-092
275-16-055	NEW-P	81-04-038	275-55-170	REP-P	81-16-035	275-80-876	REP-P	81-15-092
275-16-055	NEW	81-08-020	275-55-171	NEW-P	81-16-035	275-80-878	REP-P	81-15-092
275-16-065	NEW-E	81-04-032	275-55-180	REP-P	81-16-035	275-80-890	REP-P	81-15-092
275-16-065	NEW-P	81-04-038	275-55-181	NEW-P	81-16-035	275-80-895	REP-P	81-15-092
275-16-065	NEW	81-08-020	275-55-190	REP-P	81-16-035	275-80-900	REP-P	81-15-092
275-16-075	NEW-E	81-04-032	275-55-191	NEW-P	81-16-035	275-80-905	REP-P	81-15-092
275-16-075	NEW-P	81-04-038	275-55-200	REP-P	81-16-035	275-80-910	REP-P	81-15-092
275-16-075	NEW	81-08-020	275-55-201	NEW-P	81-16-035	275-80-915	REP-P	81-15-092
275-16-085	NEW-E	81-04-032	275-55-210	REP-P	81-16-035	275-80-920	REP-P	81-15-092
275-16-085	NEW-P	81-04-038	275-55-211	NEW-P	81-16-035	275-80-925	REP-P	81-15-092
275-16-085	NEW	81-08-020	275-55-220	REP-P	81-16-035	275-80-930	REP-P	81-15-092
275-16-095	NEW-E	81-04-032	275-55-221	NEW-P	81-16-035	275-80-935	REP-P	81-15-092
275-16-095	NEW-P	81-04-038	275-55-230	REP-P	81-16-035	275-80-940	REP-P	81-15-092
275-16-095	NEW	81-08-020	275-55-231	NEW-P	81-16-035	275-80-995	REP-P	81-15-092
275-16-105	NEW-E	81-04-032	275-55-240	REP-P	81-16-035	275-82-005	REP-P	81-15-092
275-16-105	NEW-P	81-04-038	275-55-241	NEW-P	81-16-035	275-82-010	REP-P	81-15-092
275-16-105	NEW	81-08-020	275-55-250	REP-P	81-16-035	275-82-015	REP-P	81-15-092
275-20-030	AMD-P	81-02-023	275-55-251	NEW-P	81-16-035	275-82-020	REP-P	81-15-092
275-20-030	AMD	81-06-004	275-55-260	REP-P	81-16-035	275-82-025	REP-P	81-15-092
275-20-030	AMD-P	81-14-033	275-55-261	NEW-P	81-16-035	275-82-030	REP-P	81-15-092
275-20-030	AMD-E	81-14-061	275-55-263	NEW-P	81-16-035	275-82-035	REP-P	81-15-092
275-20-030	AMD	81-17-025	275-55-270	REP-P	81-16-035	275-82-040	REP-P	81-15-092
275-27-630	AMD-P	81-11-043	275-55-271	NEW-P	81-16-035	275-82-045	REP-P	81-15-092
275-27-630	AMD-E	81-11-047	275-55-280	REP-P	81-16-035	275-82-050	REP-P	81-15-092
275-27-630	AMD	81-14-064	275-55-281	NEW-P	81-16-035	275-85-005	REP-P	81-15-092
275-40-010	REP-P	81-15-092	275-55-282	REP-P	81-16-035	275-85-010	REP-P	81-15-092
275-40-020	REP-P	81-15-092	275-55-284	REP-P	81-16-035	275-85-015	REP-P	81-15-092
275-40-030	REP-P	81-15-092	275-55-286	REP-P	81-16-035	275-85-020	REP-P	81-15-092
275-40-040	REP-P	81-15-092	275-55-288	REP-P	81-16-035	275-85-025	REP-P	81-15-092
275-40-050	REP-P	81-15-092	275-55-290	REP-P	81-16-035	275-85-030	REP-P	81-15-092
275-40-060	REP-P	81-15-092	275-55-291	NEW-P	81-16-035	275-85-035	REP-P	81-15-092
275-40-070	REP-P	81-15-092	275-55-293	NEW-P	81-16-035	275-85-040	REP-P	81-15-092
275-48-010	REP-P	81-15-092	275-55-295	NEW-P	81-16-035	275-85-045	REP-P	81-15-092
275-48-015	REP-P	81-15-092	275-55-297	NEW-P	81-16-035	275-85-050	REP-P	81-15-092
275-48-020	REP-P	81-15-092	275-55-301	NEW-P	81-16-035	275-87-005	REP-P	81-15-092
275-48-025	REP-P	81-15-092	275-55-321	NEW-P	81-16-035	275-87-010	REP-P	81-15-092
275-48-030	REP-P	81-15-092	275-55-331	NEW-P	81-16-035	275-87-015	REP-P	81-15-092
275-48-035	REP-P	81-15-092	275-55-341	NEW-P	81-16-035	275-87-020	REP-P	81-15-092
275-48-040	REP-P	81-15-092	275-55-351	NEW-P	81-16-035	275-87-025	REP-P	81-15-092
275-48-045	REP-P	81-15-092	275-55-361	NEW-P	81-16-035	275-88-005	REP-P	81-15-092
275-48-050	REP-P	81-15-092	275-55-363	NEW-P	81-16-035	275-88-006	REP-P	81-15-092
275-52-010	REP-P	81-15-092	275-55-365	NEW-P	81-16-035	275-88-010	REP-P	81-15-092
275-52-015	REP-P	81-15-092	275-55-367	NEW-P	81-16-035	275-88-015	REP-P	81-15-092
275-52-020	REP-P	81-15-092	275-55-369	NEW-P	81-16-035	275-88-020	REP-P	81-15-092
275-53-050	REP-P	81-15-092	275-55-371	NEW-P	81-16-035	275-88-025	REP-P	81-15-092
275-53-055	REP-P	81-15-092	275-76-005	REP-P	81-15-092	275-88-030	REP-P	81-15-092
275-53-060	REP-P	81-15-092	275-76-010	REP-P	81-15-092	275-88-035	REP-P	81-15-092
275-53-065	REP-P	81-15-092	275-76-020	REP-P	81-15-092	275-88-040	REP-P	81-15-092
275-55-010	AMD-P	81-16-035	275-76-030	REP-P	81-15-092	275-88-045	REP-P	81-15-092
275-55-020	AMD-P	81-16-035	275-76-040	REP-P	81-15-092	275-88-050	REP-P	81-15-092

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WAC #	WSR #	WAC #	WSR #	WAC #	WSR #
275-88-055	REP-P 81-15-092	275-96-050	REP-P 81-15-092	284-30-110	REP 81-18-038
275-88-060	REP-P 81-15-092	275-96-055	REP-P 81-15-092	284-30-120	REP-P 81-15-069
275-88-065	REP-P 81-15-092	275-96-060	REP-P 81-15-092	284-30-120	REP 81-18-038
275-88-070	REP-P 81-15-092	275-96-065	REP-P 81-15-092	284-30-130	REP-P 81-15-069
275-88-075	REP-P 81-15-092	275-96-070	REP-P 81-15-092	284-30-130	REP 81-18-038
275-88-080	REP-P 81-15-092	275-102-475	REP-P 81-15-092	284-30-140	REP-P 81-15-069
275-88-085	REP-P 81-15-092	275-102-480	REP-P 81-15-092	284-30-140	REP 81-18-038
275-88-090	REP-P 81-15-092	275-102-485	REP-P 81-15-092	284-30-150	REP-P 81-15-069
275-88-093	REP-P 81-15-092	275-102-490	REP-P 81-15-092	284-30-150	REP 81-18-038
275-88-095	REP-P 81-15-092	275-102-495	REP-P 81-15-092	284-30-160	REP-P 81-15-069
275-88-097	REP-P 81-15-092	275-110-020	AMD-E 81-09-047	284-30-160	REP 81-18-038
275-88-100	REP-P 81-15-092	275-110-020	AMD-P 81-09-048	284-30-170	REP-P 81-15-069
275-88-105	REP-P 81-15-092	275-110-020	AMD-E 81-12-027	284-30-170	REP 81-18-038
275-88-110	REP-P 81-15-092	275-110-020	AMD-P 81-12-035	284-30-180	REP-P 81-15-069
275-88-115	REP-P 81-15-092	275-110-020	AMD 81-15-061	284-30-180	REP 81-18-038
275-88-120	REP-P 81-15-092	275-110-040	AMD-E 81-09-047	284-30-190	REP-P 81-15-069
275-88-130	REP-P 81-15-092	275-110-040	AMD-P 81-09-048	284-30-190	REP 81-18-038
275-91-011	REP-P 81-15-092	275-110-040	AMD-E 81-12-027	284-30-200	REP-P 81-15-069
275-91-021	REP-P 81-15-092	275-110-040	AMD-P 81-12-035	284-30-200	REP 81-18-038
275-91-031	REP-P 81-15-092	275-110-040	AMD 81-15-061	284-30-990	REP-P 81-15-069
275-91-041	REP-P 81-15-092	275-110-050	AMD-E 81-12-027	284-30-990	REP 81-18-038
275-91-050	REP-P 81-15-092	275-110-050	AMD-P 81-12-035	284-30-991	REP-P 81-15-069
275-91-060	REP-P 81-15-092	275-110-050	AMD 81-15-061	284-30-991	REP 81-18-038
275-91-070	REP-P 81-15-092	275-110-060	AMD-E 81-12-027	284-44-060	REP-P 81-12-047
275-92-310	REP-P 81-15-092	275-110-060	AMD-P 81-12-035	284-44-060	REP 81-15-070
275-92-315	REP-P 81-15-092	275-110-060	AMD 81-15-061	284-44-100	NEW-P 81-12-047
275-92-320	REP-P 81-15-092	275-110-070	AMD-E 81-12-027	284-44-100	NEW 81-15-070
275-92-325	REP-P 81-15-092	275-110-070	AMD-P 81-12-035	284-44-110	NEW-P 81-12-047
275-92-330	REP-P 81-15-092	275-110-070	AMD 81-15-061	284-44-110	NEW 81-15-070
275-92-335	REP-P 81-15-092	275-110-080	AMD-E 81-09-047	284-44-120	NEW-P 81-12-047
275-92-340	REP-P 81-15-092	275-110-080	AMD-P 81-09-048	284-44-120	NEW 81-15-070
275-92-345	REP-P 81-15-092	275-110-080	AMD-E 81-12-027	284-44-130	NEW-P 81-12-047
275-92-350	REP-P 81-15-092	275-110-080	AMD-P 81-12-035	284-44-130	NEW 81-15-070
275-92-355	REP-P 81-15-092	275-110-080	AMD 81-15-061	284-44-140	NEW-P 81-12-047
275-92-400	REP-P 81-15-092	275-110-090	AMD-E 81-09-047	284-44-140	NEW 81-15-070
275-92-405	REP-P 81-15-092	275-110-090	AMD-P 81-09-048	284-44-150	NEW-P 81-12-047
275-92-410	REP-P 81-15-092	275-110-090	AMD-E 81-12-027	284-44-150	NEW 81-15-070
275-92-415	REP-P 81-15-092	275-110-090	AMD-P 81-12-035	284-44-160	NEW-P 81-12-047
275-92-510	REP-P 81-15-092	275-110-090	AMD 81-15-061	284-44-160	NEW 81-15-070
275-92-515	REP-P 81-15-092	275-216-010	REP-P 81-15-009	284-44-170	NEW-P 81-12-047
275-92-520	REP-P 81-15-092	275-216-010	REP 81-19-084	284-44-170	NEW 81-15-070
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275-92-535	REP-P 81-15-092	284-12-024	REP-P 81-15-069	284-44-190	NEW-P 81-12-047
275-92-540	REP-P 81-15-092	284-12-024	REP 81-18-038	284-44-190	NEW 81-15-070
275-92-545	REP-P 81-15-092	284-12-025	REP-P 81-15-069	284-44-200	NEW-P 81-12-047
275-92-550	REP-P 81-15-092	284-12-025	REP 81-18-038	284-44-200	NEW 81-15-070
275-92-555	REP-P 81-15-092	284-12-027	REP-P 81-15-069	284-44-210	NEW-P 81-12-047
275-92-560	REP-P 81-15-092	284-12-027	REP 81-18-038	284-44-210	NEW 81-15-070
275-92-565	REP-P 81-15-092	284-12-028	REP-P 81-15-069	284-44-220	NEW-P 81-12-047
275-92-407	NEW 81-05-001	284-12-028	REP 81-18-038	284-44-220	NEW 81-15-070
275-93-005	REP-P 81-15-092	284-15-010	NEW 81-03-082	284-51-010	NEW-P 81-09-008
275-93-010	REP-P 81-15-092	284-15-020	NEW 81-03-082	284-51-010	NEW 81-14-001
275-93-020	REP-P 81-15-092	284-15-030	NEW 81-03-082	284-51-020	NEW-P 81-09-008
275-93-040	AMD 81-03-076	284-15-040	NEW 81-03-082	284-51-020	NEW 81-14-001
275-93-040	REP-P 81-15-092	284-15-050	NEW 81-03-082	284-51-030	NEW-P 81-09-008
275-93-050	REP-P 81-15-092	284-17-220	AMD-P 81-15-041	284-51-030	NEW 81-14-001
275-93-060	REP-P 81-15-092	284-17-220	AMD 81-18-049	284-51-040	NEW-P 81-09-008
275-93-070	REP-P 81-15-092	284-17-250	AMD-P 81-15-041	284-51-040	NEW 81-14-001
275-93-080	REP-P 81-15-092	284-17-250	AMD 81-18-049	284-51-050	NEW-P 81-09-008
275-93-090	REP-P 81-15-092	284-17-270	AMD-P 81-15-041	284-51-050	NEW 81-14-001
275-93-100	REP-P 81-15-092	284-17-270	AMD 81-18-049	284-51-060	NEW-P 81-09-008
275-93-110	REP-P 81-15-092	284-17-310	AMD-P 81-15-041	284-51-060	NEW 81-14-001
275-93-120	REP-P 81-15-092	284-17-310	AMD 81-18-049	284-51-070	NEW-P 81-09-008
275-93-130	REP-P 81-15-092	284-25	NEW-P 81-06-011	284-51-070	NEW 81-14-001
275-93-140	REP-P 81-15-092	284-25	NEW-P 81-10-046	284-51-080	NEW-P 81-09-008
275-96-005	REP-P 81-15-092	284-25	NEW-W 81-14-017	284-51-080	NEW 81-14-001
275-96-010	REP-P 81-15-092	284-30-005	REP-P 81-15-069	284-51-090	NEW-P 81-09-008
275-96-015	REP-P 81-15-092	284-30-005	REP 81-18-038	284-51-090	NEW 81-14-001
275-96-021	REP-P 81-15-092	284-30-010	REP-P 81-15-069	284-51-100	NEW-P 81-09-008
275-96-022	REP-P 81-15-092	284-30-010	REP 81-18-038	284-51-100	NEW 81-14-001
275-96-025	REP-P 81-15-092	284-30-100	REP-P 81-15-069	284-51-110	NEW-P 81-09-008
275-96-030	REP-P 81-15-092	284-30-100	REP 81-18-038	284-51-110	NEW 81-14-001
275-96-045	REP-P 81-15-092	284-30-110	REP-P 81-15-069	284-51-120	NEW-P 81-09-008

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284-51-130	NEW-P	81-09-008	289-16-130	NEW	81-08-014
284-51-130	NEW	81-14-001	289-16-140	NEW	81-08-014
284-51-140	NEW-P	81-09-008	289-16-150	NEW	81-08-014
284-51-140	NEW	81-14-001	289-16-160	NEW	81-08-014
284-51-150	NEW-P	81-09-008	289-16-200	NEW	81-07-057
284-51-150	NEW	81-14-001	289-16-210	NEW	81-07-057
284-51-160	NEW-P	81-09-008	289-16-220	NEW	81-07-057
284-51-160	NEW	81-14-001	289-16-230	NEW-P	81-04-063
284-51-170	NEW-P	81-09-008	289-16-230	NEW	81-07-057
284-51-170	NEW	81-14-001	289-16-230	AMD	81-08-001
284-51-180	NEW	81-14-001	289-16-240	NEW	81-07-057
287-02-010	NEW-P	81-19-120	289-16-250	NEW	81-07-057
287-02-020	NEW-P	81-19-120	289-16-260	NEW	81-07-057
287-02-030	NEW-P	81-19-120	289-18	NEW-P	81-04-062
287-02-040	NEW-P	81-19-120	289-18-010	REP	81-07-057
287-02-050	NEW-P	81-19-120	289-18-020	REP	81-07-057
287-02-060	NEW-P	81-19-120	289-18-030	REP	81-07-057
287-02-070	NEW-P	81-19-120	289-18-040	REP	81-07-057
287-02-080	NEW-P	81-19-120	289-18-050	REP	81-07-057
287-02-090	NEW-P	81-19-120	289-18-100	NEW	81-08-014
287-02-100	NEW-P	81-19-120	289-18-110	NEW	81-08-014
287-02-110	NEW-P	81-19-120	289-18-120	NEW	81-08-014
287-02-120	NEW-P	81-19-120	289-18-200	NEW	81-07-057
287-02-130	NEW-P	81-19-120	289-18-210	NEW	81-07-057
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287-04-030	NEW-P	81-19-120	289-19-100	NEW	81-08-014
287-04-030	NEW-P	81-19-120	289-19-110	NEW	81-08-014
287-06-010	NEW-P	81-19-120	289-19-120	NEW	81-08-014
289-13-070	AMD	81-03-029	289-19-130	NEW	81-08-014
289-13-075	NEW	81-03-029	289-19-200	NEW	81-07-057
289-13-110	AMD	81-03-029	289-19-210	NEW	81-07-057
289-13-110	AMD-P	81-08-072	289-19-220	NEW	81-07-057
289-13-110	AMD	81-11-068	289-19-230	NEW	81-07-057
289-13-170	AMD	81-03-029	289-20	NEW-P	81-04-062
289-13-170	AMD-E	81-13-051	289-20-010	REP	81-07-057
289-13-170	AMD-P	81-14-075	289-20-020	REP	81-07-057
289-13-170	AMD-E	81-18-077	289-20-030	REP	81-07-057
289-13-170	AMD	81-18-078	289-20-040	REP	81-07-057
289-13-190	AMD-P	81-08-072	289-20-050	REP	81-07-057
289-13-190	AMD	81-11-068	289-20-100	NEW	81-08-014
289-14	AMD-P	81-04-062	289-20-105	NEW	81-08-014
289-14-005	AMD	81-07-057	289-20-110	NEW	81-08-014
289-14-005	AMD	81-08-014	289-20-120	NEW	81-08-014
289-14-010	AMD	81-07-057	289-20-130	NEW	81-08-014
289-14-020	REP	81-07-057	289-20-140	NEW	81-08-014
289-14-030	REP	81-07-057	289-20-150	NEW	81-08-014
289-14-100	NEW	81-08-014	289-20-160	NEW	81-08-014
289-14-120	NEW	81-08-014	289-20-165	NEW	81-08-014
289-14-130	NEW	81-08-014	289-20-170	NEW	81-08-014
289-14-200	NEW	81-07-057	289-20-170	AMD-P	81-18-080
289-14-210	NEW	81-07-057	289-20-180	NEW	81-08-014
289-14-220	NEW	81-07-057	289-20-180	AMD-P	81-18-080
289-14-230	NEW	81-07-057	289-20-190	NEW	81-08-014
289-15	NEW-P	81-04-062	289-20-200	NEW	81-07-057
289-15-100	NEW	81-08-014	289-20-205	NEW	81-07-057
289-15-110	NEW	81-08-014	289-20-210	NEW	81-07-057
289-15-120	NEW	81-08-014	289-20-220	NEW	81-07-057
289-15-130	NEW	81-08-014	289-20-230	NEW	81-07-057
289-15-200	NEW	81-07-057	289-20-240	NEW	81-07-057
289-15-210	NEW	81-07-057	289-20-250	NEW	81-07-057
289-15-220	NEW-P	81-04-063	289-20-260	NEW	81-07-057
289-15-220	NEW	81-08-001	289-20-260	AMD-P	81-18-080
289-15-220	AMD-P	81-14-076	289-20-265	NEW	81-07-057
289-15-230	NEW	81-07-057	289-20-270	NEW	81-07-057
289-16	NEW-P	81-04-062	289-20-270	AMD-P	81-18-080
289-16-010	REP	81-07-057	289-20-280	NEW	81-07-057
289-16-020	REP	81-07-057	289-20-290	NEW	81-07-057
289-16-030	REP	81-07-057	289-22	NEW-P	81-04-062
289-16-040	REP	81-07-057	289-22-010	REP	81-07-057
289-16-100	NEW	81-08-014	289-22-020	REP	81-07-057
289-16-110	NEW	81-08-014	289-22-100	NEW	81-08-014
289-22-110	NEW	81-08-014	289-22-200	NEW	81-07-057
289-22-200	NEW	81-07-057	289-22-210	NEW	81-07-057
289-22-210	NEW	81-07-057	289-24	NEW-P	81-04-062
289-24	NEW-P	81-04-062	289-24-010	REP	81-07-057
289-24-010	AMD	81-08-014	289-24-010	AMD	81-08-014
289-24-020	REP	81-07-057	289-24-020	REP	81-07-057
289-24-030	REP	81-07-057	289-24-030	REP	81-07-057
289-24-040	REP	81-07-057	289-24-040	REP	81-07-057
289-24-050	REP	81-07-057	289-24-050	REP	81-07-057
289-24-100	NEW	81-08-014	289-24-100	NEW	81-08-014
289-24-110	NEW	81-08-014	289-24-110	NEW	81-08-014
289-24-120	NEW	81-08-014	289-24-120	NEW	81-08-014
289-24-200	NEW	81-07-057	289-24-200	NEW	81-07-057
289-24-210	NEW	81-07-057	289-24-210	NEW	81-07-057
289-24-220	NEW	81-07-057	289-24-220	NEW	81-07-057
289-30-060	NEW-P	81-04-064	289-30-060	NEW-P	81-04-064
289-30-060	NEW	81-07-058	289-30-060	NEW	81-07-058
289-30-060	REP-P	81-14-077	289-30-060	REP-P	81-14-077
289-30-060	REP	81-18-079	289-30-060	REP	81-18-079
296-15-040	REP	81-10-052	296-15-040	REP	81-10-052
296-15-044	NEW-P	81-08-063	296-15-044	NEW-P	81-08-063
296-15-044	NEW	81-10-052	296-15-044	NEW	81-10-052
296-15-070	AMD-E	81-14-071	296-15-070	AMD-E	81-14-071
296-15-070	AMD-E	81-15-020	296-15-070	AMD-E	81-15-020
296-15-215	NEW-E	81-14-070	296-15-215	NEW-E	81-14-070
296-17-350	AMD-E	81-14-069	296-17-350	AMD-E	81-14-069
296-17-765	NEW-E	81-14-069	296-17-765	NEW-E	81-14-069
296-17-766	NEW-E	81-14-069	296-17-766	NEW-E	81-14-069
296-17-895	AMD	81-04-024	296-17-895	AMD	81-04-024
296-17-895	AMD-E	81-14-069	296-17-895	AMD-E	81-14-069
296-17-904	NEW	81-04-024	296-17-904	NEW	81-04-024
296-17-905	AMD	81-04-024	296-17-905	AMD	81-04-024
296-17-907	NEW	81-04-024	296-17-907	NEW	81-04-024
296-17-910	AMD	81-04-024	296-17-910	AMD	81-04-024
296-17-911	NEW	81-04-024	296-17-911	NEW	81-04-024
296-17-912	NEW	81-04-024	296-17-912	NEW	81-04-024
296-17-913	NEW	81-04-024	296-17-913	NEW	81-04-024
296-17-914	NEW	81-04-024	296-17-914	NEW	81-04-024
296-17-915	NEW	81-04-024	296-17-915	NEW	81-04-024
296-17-916	NEW	81-04-024	296-17-916	NEW	81-04-024
296-17-917	NEW	81-04-024	296-17-917	NEW	81-04-024
296-17-919	NEW	81-04-024	296-17-919	NEW	81-04-024
296-17-91901	NEW	81-04-024	296-17-91901	NEW	81-04-024
296-17-91902	NEW	81-04-024	296-17-91902	NEW	81-04-024
296-20-010	AMD-P	81-19-128	296-20-010	AMD-P	81-19-128
296-20-01002	AMD-P	81-19-128	296-20-01002	AMD-P	81-19-128
296-20-01501	AMD-P	81-19-128	296-20-01501	AMD-P	81-19-128
296-20-030	AMD-P	81-19-128	296-20-030	AMD-P	81-19-128
296-20-03001	AMD-P	81-19-128	296-20-03001	AMD-P	81-19-128
296-20-03002	AMD-P	81-19-128	296-20-03002	AMD-P	81-19-128
296-20-03003	AMD-P	81-19-128	296-20-03003	AMD-P	81-19-128
296-20-035	AMD-P	81-19-128	296-20-035	AMD-P	81-19-128
296-20-06101	AMD-P	81-19-128	296-20-06101	AMD-P	81-19-128
296-20-097	AMD-P	81-19-128	296-20-097	AMD-P	81-19-128
296-20-1102	AMD-P	81-19-128	296-20-1102	AMD-P	81-19-128
296-20-1103	AMD-P	81-19-128	296-20-1103	AMD-P	81-19-128
296-20-1251	AMD-P	81-19-128	296-20-1251	AMD-P	81-19-128
296-20-12502	AMD-P	81-19-128	296-20-12502	AMD-P	81-19-128
296-20-135	AMD-P	81-19-128	296-20-135	AMD-P	81-19-128
296-20-140	AMD-P	81-19-128	296-20-140	AMD-P	81-19-128
296-20-145	AMD-P	81-19-128	296-20-145	AMD-P	81-19-128
296-20-150	AMD-P	81-19-128	296-20-150	AMD-P	81-19-128
296-20-155	AMD-P	81-19-128	296-20-155	AMD-P	81-19-128
296-20-680	REP-P	81-19-128	296-20-680	REP-P	81-19-128
296-20-690	REP-P	81-19-128	296-20-690	REP-P	81-19-128
296-21-001	AMD-P	81-19-128	296-21-001	AMD-P	81-19-128
296-21-011	AMD-P	81-19-128	296-21-011	AMD-P	81-19-128
296-21-013	AMD-P	81-19-128	296-21-013	AMD-P	81-19-128
296-21-015	AMD-P	81-19-128	296-21-015	AMD-P	81-19-128
296-21-025	AMD-P	81-19-128	296-21-025	AMD-P	81-19-128
296-21-027	AMD-P	81-19-128	296-21-027	AMD-P	81-19-128
296-21-030	AMD-P	81-19-128	296-21-030	AMD-P	81-19-128
296-21-047	AMD-P	81-19-128	296-21-047	AMD-P	81-19-128

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296-21-0501	AMD-P	81-19-128	296-24-081	REP-P	81-16-008	296-24-62701	NEW-P	81-19-131
296-21-057	AMD-P	81-19-128	296-24-081	REP	81-16-016	296-24-62703	NEW-P	81-19-131
296-21-064	AMD-P	81-19-128	296-24-08101	REP-P	81-07-051	296-24-62799	NEW-P	81-19-131
296-21-075	AMD-P	81-19-128	296-24-08101	REP-P	81-16-008	296-24-629	NEW-P	81-19-131
296-21-080	AMD-P	81-19-128	296-24-08101	REP	81-16-016	296-24-62901	NEW-P	81-19-131
296-21-095	AMD-P	81-19-128	296-24-08103	REP-P	81-07-051	296-24-62903	NEW-P	81-19-131
296-21-125	AMD-P	81-19-128	296-24-08103	REP-P	81-16-008	296-24-62905	NEW-P	81-19-131
296-21-128	AMD-P	81-19-128	296-24-08103	REP	81-16-016	296-24-62907	NEW-P	81-19-131
296-22-010	AMD-P	81-19-128	296-24-08105	REP-P	81-07-051	296-24-62909	NEW-P	81-19-131
296-22-025	AMD-P	81-19-128	296-24-08105	REP-P	81-16-008	296-24-62911	NEW-P	81-19-131
296-22-042	AMD-P	81-19-128	296-24-08105	REP	81-16-016	296-24-62999	NEW-P	81-19-131
296-22-053	AMD-P	81-19-128	296-24-08107	REP-P	81-07-051	296-24-631	NEW-P	81-19-131
296-22-063	AMD-P	81-19-128	296-24-08107	REP-P	81-16-008	296-24-63101	NEW-P	81-19-131
296-22-067	AMD-P	81-19-128	296-24-08107	REP	81-16-016	296-24-63103	NEW-P	81-19-131
296-22-071	AMD-P	81-19-128	296-24-08109	REP-P	81-07-051	296-24-63105	NEW-P	81-19-131
296-22-073	AMD-P	81-19-128	296-24-08109	REP-P	81-16-008	296-24-63107	NEW-P	81-19-131
296-22-082	AMD-P	81-19-128	296-24-08109	REP	81-16-016	296-24-63109	NEW-P	81-19-131
296-22-091	AMD-P	81-19-128	296-24-08111	REP-P	81-07-051	296-24-63199	NEW-P	81-19-131
296-22-100	AMD-P	81-19-128	296-24-08111	REP-P	81-16-008	296-24-63299	NEW-P	81-19-131
296-22-105	AMD-P	81-19-128	296-24-08111	REP	81-16-016	296-24-63399	NEW-P	81-19-131
296-22-110	AMD-P	81-19-128	296-24-08113	REP-P	81-07-051	296-24-63499	NEW-P	81-19-131
296-22-115	AMD-P	81-19-128	296-24-08113	REP-P	81-16-008	296-24-63599	NEW-P	81-19-131
296-22-120	AMD-P	81-19-128	296-24-08113	REP	81-16-016	296-24-960	NEW-P	81-07-027
296-22-135	AMD-P	81-19-128	296-24-12007	AMD-P	81-19-131	296-24-960	NEW-P	81-19-131
296-22-150	AMD-P	81-19-128	296-24-19509	AMD-P	81-19-131	296-24-964	NEW-P	81-07-027
296-22-190	AMD-P	81-19-128	296-24-37011	AMD-P	81-19-131	296-27	AMD-P	81-06-026
296-22-235	AMD-P	81-19-128	296-24-40513	AMD-P	81-19-131	296-27-160	NEW-P	81-03-071
296-22-255	AMD-P	81-19-128	296-24-55001	AMD-P	81-19-131	296-27-160	NEW-E	81-08-035
296-22-333	AMD-P	81-19-128	296-24-56527	AMD-P	81-19-131	296-27-160	NEW-P	81-10-059
296-22-340	AMD-P	81-19-128	296-24-567	NEW-P	81-19-131	296-27-160	NEW	81-14-006
296-22-365	AMD-P	81-19-128	296-24-56701	NEW-P	81-19-131	296-27-160	NEW-E	81-14-020
296-22-370	AMD-P	81-19-128	296-24-58503	NEW-P	81-19-131	296-27-16001	NEW-P	81-03-071
296-22-375	AMD-P	81-19-128	296-24-58505	NEW-P	81-19-131	296-27-16001	NEW-E	81-08-035
296-22-405	AMD-P	81-19-128	296-24-58507	NEW-P	81-19-131	296-27-16001	NEW-P	81-10-059
296-22-420	AMD-P	81-19-128	296-24-58509	NEW-P	81-19-131	296-27-16001	NEW	81-14-006
296-22-465	AMD-P	81-19-128	296-24-58511	NEW-P	81-19-131	296-27-16001	NEW-E	81-14-020
296-22-470	AMD-P	81-19-128	296-24-58513	NEW-P	81-19-131	296-27-16003	NEW-P	81-03-071
296-23-01002	AMD-P	81-19-128	296-24-58515	NEW-P	81-19-131	296-27-16003	NEW-E	81-08-035
296-23-01006	AMD-P	81-19-128	296-24-58517	NEW-P	81-19-131	296-27-16003	NEW-P	81-10-059
296-23-013	REP-P	81-19-128	296-24-592	NEW-P	81-19-131	296-27-16003	NEW	81-14-006
296-23-015	AMD-P	81-19-128	296-24-59201	NEW-P	81-19-131	296-27-16003	NEW-E	81-14-020
296-23-020	AMD-P	81-19-128	296-24-59203	NEW-P	81-19-131	296-27-16005	NEW-P	81-03-071
296-23-025	AMD-P	81-19-128	296-24-59205	NEW-P	81-19-131	296-27-16005	NEW-E	81-08-035
296-23-030	AMD-P	81-19-128	296-24-59207	NEW-P	81-19-131	296-27-16005	NEW-P	81-10-059
296-23-035	AMD-P	81-19-128	296-24-59209	NEW-P	81-19-131	296-27-16005	NEW	81-14-006
296-23-040	AMD-P	81-19-128	296-24-59211	NEW-P	81-19-131	296-27-16005	NEW-E	81-14-020
296-23-045	AMD-P	81-19-128	296-24-59213	NEW-P	81-19-131	296-27-16007	NEW-P	81-03-071
296-23-065	AMD-P	81-19-128	296-24-59215	NEW-P	81-19-131	296-27-16007	NEW-E	81-08-035
296-23-079	AMD-P	81-19-128	296-24-602	NEW-P	81-19-131	296-27-16007	NEW-P	81-10-059
296-23-07906	AMD-P	81-19-128	296-24-60201	NEW-P	81-19-131	296-27-16007	NEW	81-14-006
296-23-080	AMD-P	81-19-128	296-24-60203	NEW-P	81-19-131	296-27-16007	NEW-E	81-14-020
296-23-200	AMD-P	81-19-128	296-24-60205	NEW-P	81-19-131	296-27-16009	NEW-P	81-03-071
296-23-204	AMD-P	81-19-128	296-24-60207	NEW-P	81-19-131	296-27-16009	NEW-E	81-08-035
296-23-208	AMD-P	81-19-128	296-24-60209	NEW-P	81-19-131	296-27-16009	NEW-P	81-10-059
296-23-212	AMD-P	81-19-128	296-24-60299	NEW-P	81-19-131	296-27-16009	NEW	81-14-006
296-23-216	AMD-P	81-19-128	296-24-607	NEW-P	81-19-131	296-27-16009	NEW-E	81-14-020
296-23-221	AMD-P	81-19-128	296-24-60701	NEW-P	81-19-131	296-27-16011	NEW-P	81-03-071
296-23-224	AMD-P	81-19-128	296-24-60703	NEW-P	81-19-131	296-27-16011	NEW-E	81-08-035
296-23-228	AMD-P	81-19-128	296-24-60705	NEW-P	81-19-131	296-27-16011	NEW-P	81-10-059
296-23-301	AMD-P	81-19-128	296-24-60799	NEW-P	81-19-131	296-27-16011	NEW	81-14-006
296-23-356	AMD-P	81-19-128	296-24-617	NEW-P	81-19-131	296-27-16011	NEW-E	81-14-020
296-23-357	AMD-P	81-19-128	296-24-61701	NEW-P	81-19-131	296-27-16013	NEW-P	81-03-071
296-23-395	REP-P	81-19-128	296-24-61703	NEW-P	81-19-131	296-27-16013	NEW-E	81-08-035
296-23-610	AMD-P	81-19-128	296-24-61705	NEW-P	81-19-131	296-27-16013	NEW-P	81-10-059
296-23-615	AMD-P	81-19-128	296-24-61799	NEW-P	81-19-131	296-27-16013	NEW	81-14-006
296-23-710	AMD-P	81-19-128	296-24-622	NEW-P	81-19-131	296-27-16013	NEW-E	81-14-020
296-23-811	AMD-P	81-19-128	296-24-62201	NEW-P	81-19-131	296-27-16015	NEW-P	81-03-071
296-24	AMD-P	81-13-035	296-24-62203	NEW-P	81-19-131	296-27-16015	NEW-E	81-08-035
296-24-060	AMD-P	81-07-051	296-24-62299	NEW-P	81-19-131	296-27-16015	NEW-P	81-10-059
296-24-060	AMD	81-13-053	296-24-623	NEW-P	81-19-131	296-27-16015	NEW	81-14-006
296-24-070	AMD-P	81-07-051	296-24-62301	NEW-P	81-19-131	296-27-16015	NEW-E	81-14-020
296-24-070	AMD	81-13-053	296-24-62303	NEW-P	81-19-131	296-27-16017	NEW-P	81-03-071
296-24-67515	AMD-P	81-07-051	296-24-62399	NEW-P	81-19-131	296-27-16017	NEW-E	81-08-035

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296-27-16017	NEW	81-14-006	296-52-025	AMD-P	81-19-131	296-62-07121	NEW	81-16-016
296-27-16017	NEW-E	81-14-020	296-52-030	AMD	81-07-048	296-62-07123	NEW-P	81-07-027
296-27-16019	NEW-P	81-10-059	296-52-040	AMD-P	81-19-131	296-62-07125	NEW-P	81-07-027
296-27-16019	NEW	81-14-006	296-52-043	AMD	81-07-048	296-62-07302	AMD	81-07-048
296-27-16021	NEW-P	81-03-071	296-52-050	AMD	81-07-048	296-62-07304	AMD	81-07-048
296-27-16021	NEW-E	81-08-035	296-52-050	AMD-P	81-19-131	296-62-07306	AMD-P	81-07-051
296-27-16021	NEW-P	81-10-059	296-52-090	AMD	81-07-048	296-62-07306	AMD	81-16-015
296-27-16021	NEW	81-14-006	296-52-095	AMD	81-07-048	296-62-07310	AMD	81-07-048
296-27-16021	NEW-E	81-14-020	296-52-150	AMD-P	81-19-131	296-62-07312	AMD	81-07-048
296-27-16023	NEW-P	81-03-071	296-52-165	AMD-P	81-19-131	296-62-07329	AMD-P	81-07-051
296-27-16023	NEW-E	81-08-035	296-52-167	AMD-P	81-19-131	296-62-07329	AMD-P	81-13-027
296-27-16023	NEW-P	81-10-059	296-52-390	AMD-P	81-19-131	296-62-07329	AMD	81-16-015
296-27-16023	NEW	81-14-006	296-52-9001	AMD-P	81-19-131	296-62-07329	AMD	81-18-029
296-27-16023	NEW-E	81-14-020	296-52-9002	AMD-P	81-19-131	296-62-07341	AMD-P	81-07-051
296-27-16025	NEW-P	81-03-071	296-52-9003	AMD-P	81-19-131	296-62-07341	AMD-P	81-13-027
296-27-16025	NEW-E	81-08-035	296-52-9005	AMD-P	81-19-131	296-62-07341	AMD	81-16-015
296-27-16025	NEW-E	81-14-020	296-52-9006	AMD-P	81-19-131	296-62-07341	AMD	81-18-029
296-37-510	AMD-E	81-02-029	296-52-9007	AMD-P	81-19-131	296-62-07345	AMD-P	81-07-051
296-37-510	AMD	81-07-048	296-54-559	AMD	81-05-013	296-62-07345	AMD-P	81-13-027
296-37-550	AMD-E	81-02-029	296-54-565		81-05-013	296-62-07345	AMD	81-16-015
296-37-550	AMD	81-07-048	296-54-567	AMD	81-05-013	296-62-07345	AMD	81-18-029
296-37-575	AMD-P	81-13-027	296-62	AMD-P	81-16-008	296-62-07347	AMD-P	81-07-051
296-37-575	AMD	81-18-029	296-62-052	NEW-P	81-13-027	296-62-07347	AMD-P	81-13-027
296-45	AMD-P	81-13-035	296-62-052	NEW	81-18-029	296-62-07347	AMD	81-16-015
296-45-660	NEW-E	81-07-049	296-62-05201	NEW-P	81-13-027	296-62-07347	AMD	81-18-029
296-45-660	NEW-P	81-07-051	296-62-05201	NEW	81-18-029	296-62-07349	AMD-P	81-07-051
296-45-660	NEW-E	81-13-052	296-62-05203	NEW-P	81-13-027	296-62-07349	AMD-P	81-13-027
296-45-660	NEW	81-13-053	296-62-05203	NEW	81-18-029	296-62-07349	AMD	81-16-015
296-45-66001	NEW-E	81-07-049	296-62-05205	NEW-P	81-13-027	296-62-07349	AMD	81-18-029
296-45-66001	NEW-P	81-07-051	296-62-05205	NEW	81-18-029	296-62-07501	AMD-P	81-07-051
296-45-66001	NEW-E	81-13-052	296-62-05207	NEW-P	81-13-027	296-62-07501	AMD	81-16-015
296-45-66001	NEW	81-13-053	296-62-05207	NEW	81-18-029	296-62-07501	AMD-P	81-19-131
296-45-66003	NEW-E	81-07-049	296-62-05209	NEW-P	81-13-027	296-62-07515	AMD-P	81-07-051
296-45-66003	NEW-P	81-07-051	296-62-05209	NEW	81-18-029	296-62-07515	AMD	81-16-015
296-45-66003	NEW-E	81-13-052	296-62-05211	NEW-P	81-13-027	296-62-07517	AMD-P	81-07-051
296-45-66003	NEW	81-13-053	296-62-05211	NEW	81-18-029	296-62-07517	AMD-P	81-13-027
296-45-66005	NEW-E	81-07-049	296-62-05213	NEW-P	81-13-027	296-62-07517	AMD	81-16-015
296-45-66005	NEW-P	81-07-051	296-62-05213	NEW	81-18-029	296-62-07517	AMD	81-18-029
296-45-66005	NEW-E	81-13-052	296-62-05215	NEW-P	81-13-027	296-62-07519	NEW-P	81-07-051
296-45-66005	NEW	81-13-053	296-62-05215	NEW	81-18-029	296-62-07519	NEW-P	81-16-008
296-45-66007	NEW-E	81-07-049	296-62-05217	NEW-P	81-13-027	296-62-07519	NEW	81-16-016
296-45-66007	NEW-P	81-07-051	296-62-05217	NEW	81-18-029	296-62-09011	AMD-P	81-07-027
296-45-66007	NEW-E	81-13-052	296-62-05219	NEW-P	81-13-027	296-62-09011	AMD-P	81-19-131
296-45-66007	NEW	81-13-053	296-62-05219	NEW	81-18-029	296-62-09011	AMD-P	81-13-027
296-45-66009	NEW-E	81-07-049	296-62-05221	NEW-P	81-13-026	296-62-09011	AMD	81-16-016
296-45-66009	NEW-P	81-07-051	296-62-05221	NEW	81-18-029	296-62-09015	NEW-P	81-07-027
296-45-66009	NEW-E	81-13-052	296-62-05223	NEW-P	81-13-026	296-62-09015	NEW-P	81-19-131
296-45-66009	NEW	81-13-053	296-62-05223	NEW	81-18-029	296-62-09017	NEW-P	81-07-027
296-45-66011	NEW-E	81-07-049	296-62-071	NEW-P	81-07-027	296-62-09017	NEW-P	81-19-131
296-45-66011	NEW-P	81-07-051	296-62-071	NEW-P	81-16-008	296-62-09019	NEW-P	81-07-027
296-45-66011	NEW-E	81-13-052	296-62-071	NEW	81-16-016	296-62-09019	NEW-P	81-19-131
296-45-66011	NEW	81-13-053	296-62-07101	NEW-P	81-07-027	296-62-09021	NEW-P	81-07-027
296-46	AMD-P	81-05-019	296-62-07101	NEW	81-16-016	296-62-09021	NEW-P	81-19-131
296-46	AMD-P	81-05-025	296-62-07103	NEW-P	81-07-027	296-62-09023	NEW-P	81-07-027
296-46-110	AMD	81-06-037	296-62-07103	NEW	81-16-016	296-62-09023	NEW-P	81-19-131
296-46-115	NEW	81-06-037	296-62-07105	NEW-P	81-07-027	296-62-09025	NEW-P	81-07-027
296-46-130	AMD	81-06-037	296-62-07105	NEW	81-16-016	296-62-09025	NEW-P	81-19-131
296-46-140	AMD	81-06-037	296-62-07107	NEW-P	81-07-027	296-62-09027	NEW-P	81-07-027
296-46-150	AMD	81-06-037	296-62-07107	NEW	81-16-016	296-62-09027	NEW-P	81-19-131
296-46-335	AMD	81-06-037	296-62-07107	AMD-P	81-19-131	296-62-09029	NEW-P	81-07-027
296-46-350	AMD	81-06-037	296-62-07109	NEW-P	81-07-027	296-62-09029	NEW-P	81-19-131
296-46-355	NEW	81-06-037	296-62-07109	NEW	81-16-016	296-62-09031	NEW-P	81-07-027
296-46-40101	REP	81-06-037	296-62-07109	AMD-P	81-19-131	296-62-09031	NEW-P	81-19-131
296-46-424	AMD	81-06-037	296-62-07111	NEW-P	81-07-027	296-62-09033	NEW-P	81-07-027
296-46-500	AMD	81-06-037	296-62-07111	NEW	81-16-016	296-62-09033	NEW-P	81-19-131
296-46-501	NEW	81-06-037	296-62-07113	NEW-P	81-07-027	296-62-09035	NEW-P	81-07-027
296-46-506	NEW	81-06-037	296-62-07113	NEW	81-16-016	296-62-09035	NEW-P	81-19-131
296-46-510	REP	81-06-037	296-62-07115	NEW-P	81-07-027	296-62-09037	NEW-P	81-07-027
296-46-515	REP	81-06-037	296-62-07115	NEW	81-16-016	296-62-09037	NEW-P	81-19-131
296-46-520	REP	81-06-037	296-62-07117	NEW-P	81-07-027	296-62-09039	NEW-P	81-07-027
296-46-525	REP	81-06-037	296-62-07117	NEW	81-16-016	296-62-09039	NEW-P	81-19-131
296-46-910	AMD	81-06-037	296-62-07119	NEW-P	81-07-027	296-62-09041	NEW-P	81-07-027
296-48-800	AMD-E	81-15-050	296-62-07119	NEW	81-16-016	296-62-09041	NEW-P	81-19-131

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296-62-09043	NEW-P	81-07-027	296-78-195	REP	81-18-029	296-78-390	REP	81-18-029
296-62-09043	NEW-P	81-19-131	296-78-200	REP-P	81-13-027	296-78-395	REP-P	81-13-027
296-62-09045	NEW-P	81-07-027	296-78-200	REP	81-18-029	296-78-395	REP	81-18-029
296-62-09045	NEW-P	81-19-131	296-78-205	REP-P	81-13-027	296-78-400	REP-P	81-13-027
296-62-09047	NEW-P	81-07-027	296-78-205	REP	81-18-029	296-78-400	REP	81-18-029
296-62-09047	NEW-P	81-19-131	296-78-210	REP-P	81-13-027	296-78-405	REP-P	81-13-027
296-62-09049	NEW-P	81-07-027	296-78-210	REP	81-18-029	296-78-405	REP	81-18-029
296-62-09049	NEW-P	81-19-131	296-78-215	REP-P	81-13-027	296-78-410	REP-P	81-13-027
296-62-09051	NEW-P	81-07-027	296-78-215	REP	81-18-029	296-78-410	REP	81-18-029
296-62-09051	NEW-P	81-19-131	296-78-220	REP-P	81-13-027	296-78-415	REP-P	81-13-027
296-62-09053	NEW-P	81-07-027	296-78-220	REP	81-18-029	296-78-415	REP	81-18-029
296-62-09053	NEW-P	81-19-131	296-78-225	REP-P	81-13-027	296-78-420	REP-P	81-13-027
296-62-09055	NEW-P	81-07-027	296-78-225	REP	81-18-029	296-78-420	REP	81-18-029
296-62-09055	NEW-P	81-19-131	296-78-230	REP-P	81-13-027	296-78-425	REP-P	81-13-027
296-62-09057	NEW-P	81-07-027	296-78-230	REP	81-18-029	296-78-425	REP	81-18-029
296-62-09057	NEW-P	81-19-131	296-78-235	REP-P	81-13-027	296-78-430	REP-P	81-13-027
296-62-09059	NEW-P	81-07-027	296-78-235	REP	81-18-029	296-78-430	REP	81-18-029
296-62-09059	NEW-P	81-19-131	296-78-240	REP-P	81-13-027	296-78-450	REP-P	81-13-027
296-62-09061	NEW-P	81-07-027	296-78-240	REP	81-18-029	296-78-450	REP	81-18-029
296-62-09061	NEW-P	81-19-131	296-78-245	REP-P	81-13-027	296-78-500	NEW-P	81-13-027
296-62-09063	NEW-P	81-07-027	296-78-245	REP	81-18-029	296-78-500	NEW	81-18-029
296-62-100	AMD-P	81-07-051	296-78-250	REP-P	81-13-027	296-78-505	NEW-P	81-13-027
296-62-100	AMD	81-16-015	296-78-250	REP	81-18-029	296-78-505	NEW	81-18-029
296-62-11015	AMD-P	81-07-051	296-78-255	REP-P	81-13-027	296-78-510	NEW-P	81-13-027
296-62-11015	AMD	81-16-015	296-78-255	REP	81-18-029	296-78-510	NEW	81-18-029
296-62-11019	AMD-P	81-07-051	296-78-260	REP-P	81-13-027	296-78-515	NEW-P	81-13-027
296-62-11019	AMD	81-16-015	296-78-260	REP	81-18-029	296-78-515	NEW	81-18-029
296-62-11021	AMD-P	81-07-051	296-78-265	REP-P	81-13-027	296-78-520	NEW-P	81-13-027
296-62-11021	AMD	81-16-015	296-78-265	REP	81-18-029	296-78-520	NEW	81-18-029
296-62-14507	AMD-P	81-07-051	296-78-270	REP-P	81-13-027	296-78-525	NEW-P	81-13-027
296-62-14507	AMD	81-16-015	296-78-270	REP	81-18-029	296-78-525	NEW	81-18-029
296-62-14525	AMD-P	81-19-131	296-78-275	REP-P	81-13-027	296-78-530	NEW-P	81-13-027
296-62-14531	AMD-P	81-07-051	296-78-275	REP	81-18-029	296-78-530	NEW	81-18-029
296-62-14531	AMD-P	81-13-027	296-78-280	REP-P	81-13-027	296-78-535	NEW-P	81-13-027
296-62-14531	AMD	81-16-015	296-78-280	REP	81-18-029	296-78-535	NEW	81-18-029
296-62-14531	AMD	81-18-029	296-78-285	REP-P	81-13-027	296-78-540	NEW-P	81-13-027
296-62-14533	AMD-P	81-07-051	296-78-285	REP	81-18-029	296-78-540	NEW	81-18-029
296-62-14533	AMD	81-16-015	296-78-290	REP-P	81-13-027	296-78-545	NEW-P	81-13-027
296-62-14533	AMD-P	81-19-131	296-78-290	REP	81-18-029	296-78-545	NEW	81-18-029
296-62-146	NEW-P	81-13-026	296-78-295	REP-P	81-13-027	296-78-550	NEW-P	81-13-027
296-62-146	NEW	81-18-029	296-78-295	REP	81-18-029	296-78-550	NEW	81-18-029
296-62-14601	NEW-P	81-13-026	296-78-300	REP-P	81-13-027	296-78-555	NEW-P	81-13-027
296-62-14601	NEW	81-18-029	296-78-300	REP	81-18-029	296-78-555	NEW	81-18-029
296-62-14603	NEW-P	81-13-026	296-78-305	REP-P	81-13-027	296-78-560	NEW-P	81-13-027
296-62-14603	NEW	81-18-029	296-78-305	REP	81-18-029	296-78-560	NEW	81-18-029
296-62-14605	NEW-P	81-13-026	296-78-315	REP-P	81-13-027	296-78-565	NEW-P	81-13-027
296-62-14605	NEW	81-18-029	296-78-315	REP	81-18-029	296-78-565	NEW	81-18-029
296-62-14607	NEW-P	81-13-026	296-78-320	REP-P	81-13-027	296-78-56501	NEW-P	81-13-027
296-62-14607	NEW	81-18-029	296-78-320	REP	81-18-029	296-78-56501	NEW	81-18-029
296-62-20011	AMD-P	81-07-051	296-78-325	REP-P	81-13-027	296-78-56503	NEW-P	81-13-027
296-62-20011	AMD	81-16-015	296-78-325	REP	81-18-029	296-78-56503	NEW	81-18-029
296-62-20023	AMD-P	81-13-027	296-78-330	REP-P	81-13-027	296-78-56505	NEW-P	81-13-027
296-62-20023	AMD	81-18-029	296-78-330	REP	81-18-029	296-78-56505	NEW	81-18-029
296-78-005	REP-P	81-13-027	296-78-335	REP-P	81-13-027	296-78-56507	NEW-P	81-13-027
296-78-005	REP	81-18-029	296-78-335	REP	81-18-029	296-78-56507	NEW	81-18-029
296-78-007	REP-P	81-13-027	296-78-340	REP-P	81-13-027	296-78-56509	NEW-P	81-13-027
296-78-007	REP	81-18-029	296-78-340	REP	81-18-029	296-78-56509	NEW	81-18-029
296-78-030	REP-P	81-13-027	296-78-345	REP-P	81-13-027	296-78-56511	NEW-P	81-13-027
296-78-030	REP	81-18-029	296-78-345	REP	81-18-029	296-78-56511	NEW	81-18-029
296-78-035	REP-P	81-13-027	296-78-350	REP-P	81-13-027	296-78-56513	NEW-P	81-13-027
296-78-035	REP	81-18-029	296-78-350	REP	81-18-029	296-78-56513	NEW	81-18-029
296-78-040	REP-P	81-13-027	296-78-355	REP-P	81-13-027	296-78-570	NEW-P	81-13-027
296-78-040	REP	81-18-029	296-78-355	REP	81-18-029	296-78-570	NEW	81-18-029
296-78-045	REP-P	81-13-027	296-78-360	REP-P	81-13-027	296-78-575	NEW-P	81-13-027
296-78-045	REP	81-18-029	296-78-360	REP	81-18-029	296-78-575	NEW	81-18-029
296-78-170	REP-P	81-13-027	296-78-365	REP-P	81-13-027	296-78-580	NEW-P	81-13-027
296-78-170	REP	81-18-029	296-78-365	REP	81-18-029	296-78-580	NEW	81-18-029
296-78-180	REP-P	81-13-027	296-78-375	REP-P	81-13-027	296-78-585	NEW-P	81-13-027
296-78-180	REP	81-18-029	296-78-375	REP	81-18-029	296-78-585	NEW	81-18-029
296-78-185	REP-P	81-13-027	296-78-380	REP-P	81-13-027	296-78-590	NEW-P	81-13-027
296-78-185	REP	81-18-029	296-78-380	REP	81-18-029	296-78-590	NEW	81-18-029
296-78-190	REP-P	81-13-027	296-78-385	REP-P	81-13-027	296-78-595	NEW-P	81-13-027
296-78-190	REP	81-18-029	296-78-385	REP	81-18-029	296-78-595	NEW	81-18-029
296-78-195	REP-P	81-13-027	296-78-390	REP-P	81-13-027	296-78-600	NEW-P	81-13-027

Table of WAC Sections Affected

WAC #	WSR #	WAC #	WSR #	WAC #	WSR #			
296-78-600	NEW	81-18-029	296-78-71017	NEW	81-18-029	296-78-84007	NEW	81-18-029
296-78-605	NEW-P	81-13-027	296-78-71019	NEW-P	81-13-027	296-78-84009	NEW-P	81-13-027
296-78-605	NEW	81-18-029	296-78-71019	NEW	81-18-029	296-78-84009	NEW	81-18-029
296-78-610	NEW-P	81-13-027	296-78-71021	NEW-P	81-13-027	296-78-84011	NEW-P	81-13-027
296-78-610	NEW	81-18-029	296-78-71021	NEW	81-18-029	296-78-84011	NEW	81-18-029
296-78-615	NEW-P	81-13-027	296-78-71023	NEW-P	81-13-027	296-79	AMD-P	81-03-006
296-78-615	NEW	81-18-029	296-78-71023	NEW	81-18-029	296-79	AMD-P	81-13-035
296-78-620	NEW-P	81-13-027	296-78-71025	NEW-P	81-13-027	296-79-140	AMD	81-03-007
296-78-620	NEW	81-18-029	296-78-71025	NEW	81-18-029	296-79-140	AMD-P	81-07-051
296-78-625	NEW-P	81-13-027	296-78-715	NEW-P	81-13-027	296-79-140	AMD	81-13-053
296-78-625	NEW	81-18-029	296-78-715	NEW	81-18-029	296-79-170	AMD	81-03-007
296-78-630	NEW-P	81-13-027	296-78-71501	NEW-P	81-13-027	296-79-170	AMD-P	81-07-051
296-78-630	NEW	81-18-029	296-78-71501	NEW	81-18-029	296-79-170	AMD	81-13-053
296-78-635	NEW-P	81-13-027	296-78-71503	NEW-P	81-13-027	296-79-180	AMD	81-03-007
296-78-635	NEW	81-18-029	296-78-71503	NEW	81-18-029	296-79-220	AMD	81-03-007
296-78-640	NEW-P	81-13-027	296-78-71505	NEW-P	81-13-027	296-79-220	AMD-P	81-07-051
296-78-640	NEW	81-18-029	296-78-71505	NEW	81-18-029	296-79-220	AMD	81-13-053
296-78-645	NEW-P	81-13-027	296-78-720	NEW-P	81-13-027	296-79-29029	AMD	81-03-007
296-78-645	NEW	81-18-029	296-78-720	NEW	81-18-029	296-79-300	AMD	81-03-007
296-78-650	NEW-P	81-13-027	296-78-725	NEW-P	81-13-027	296-104-200	AMD-P	81-08-022
296-78-650	NEW	81-18-029	296-78-725	NEW	81-18-029	296-104-200	AMD	81-12-012
296-78-655	NEW-P	81-13-027	296-78-730	NEW-P	81-13-027	296-116-080	AMD-P	81-17-064
296-78-655	NEW	81-18-029	296-78-730	NEW	81-18-029	296-116-185	AMD-P	81-03-072
296-78-660	NEW-P	81-13-027	296-78-735	NEW-P	81-13-027	296-116-185	AMD	81-07-009
296-78-660	NEW	81-18-029	296-78-735	NEW	81-18-029	296-116-300	AMD-P	81-03-072
296-78-665	NEW-P	81-13-027	296-78-740	NEW-P	81-13-027	296-116-300	AMD-P	81-06-054
296-78-665	NEW	81-18-029	296-78-740	NEW	81-18-029	296-116-300	AMD-P	81-09-013
296-78-670	NEW-P	81-13-027	296-78-745	NEW-P	81-13-027	296-116-300	AMD	81-12-017
296-78-670	NEW	81-18-029	296-78-745	NEW	81-18-029	296-116-300	AMD-E	81-12-018
296-78-675	NEW-P	81-13-027	296-78-750	NEW-P	81-13-027	296-150A-700	AMD-E	81-15-050
296-78-675	NEW	81-18-029	296-78-750	NEW	81-18-029	296-155	AMD-P	81-13-035
296-78-680	NEW-P	81-13-027	296-78-755	NEW-P	81-13-027	296-155-500	AMD-P	81-07-051
296-78-680	NEW	81-18-029	296-78-755	NEW	81-18-029	296-155-500	AMD	81-13-053
296-78-685	NEW-P	81-13-027	296-78-760	NEW-P	81-13-027	296-155-505	AMD-P	81-07-051
296-78-685	NEW	81-18-029	296-78-760	NEW	81-18-029	296-155-505	AMD	81-13-053
296-78-690	NEW-P	81-13-027	296-78-765	NEW-P	81-13-027	296-155-50501	NEW-P	81-07-051
296-78-690	NEW	81-18-029	296-78-765	NEW	81-18-029	296-155-50501	NEW	81-13-053
296-78-695	NEW-P	81-13-027	296-78-770	NEW-P	81-13-027	296-155-650	AMD-P	81-07-051
296-78-695	NEW	81-18-029	296-78-770	NEW	81-18-029	296-155-650	AMD	81-13-053
296-78-700	NEW-P	81-13-027	296-78-775	NEW-P	81-13-027	296-155-655	AMD-P	81-07-051
296-78-700	NEW	81-18-029	296-78-775	NEW	81-18-029	296-155-655	AMD	81-13-053
296-78-705	NEW-P	81-13-027	296-78-780	NEW-P	81-13-027	296-155-660	AMD-P	81-07-051
296-78-705	NEW	81-18-029	296-78-780	NEW	81-18-029	296-155-660	AMD	81-13-053
296-78-70501	NEW-P	81-13-027	296-78-785	NEW-P	81-13-027	296-155-665	AMD-P	81-07-051
296-78-70501	NEW	81-18-029	296-78-785	NEW	81-18-029	296-155-665	AMD	81-13-053
296-78-70503	NEW-P	81-13-027	296-78-790	NEW-P	81-13-027	296-155-66501	AMD	81-13-053
296-78-70503	NEW	81-18-029	296-78-790	NEW	81-18-029	296-155-66505	AMD-P	81-07-051
296-78-70505	NEW-P	81-13-027	296-78-795	NEW-P	81-13-027	296-155-66505	AMD	81-13-053
296-78-70505	NEW	81-18-029	296-78-795	NEW	81-18-029	296-200-005	NEW-P	81-18-053
296-78-70507	NEW-P	81-13-027	296-78-800	NEW-P	81-13-027	296-200-010	REP-P	81-18-053
296-78-70507	NEW	81-18-029	296-78-800	NEW	81-18-029	296-200-015	NEW-P	81-18-053
296-78-70509	NEW-P	81-13-027	296-78-805	NEW-P	81-13-027	296-200-020	REP-P	81-18-053
296-78-70509	NEW	81-18-029	296-78-805	NEW	81-18-029	296-200-025	NEW-P	81-18-053
296-78-70511	NEW-P	81-13-027	296-78-810	NEW-P	81-13-027	296-200-030	REP-P	81-18-053
296-78-70511	NEW	81-18-029	296-78-810	NEW	81-18-029	296-200-035	NEW-P	81-18-053
296-78-710	NEW-P	81-13-027	296-78-815	NEW-P	81-13-027	296-200-040	NEW-P	81-18-053
296-78-710	NEW	81-18-029	296-78-815	NEW	81-18-029	296-200-050	NEW-P	81-18-053
296-78-71001	NEW-P	81-13-027	296-78-820	NEW-P	81-13-027	296-200-060	NEW-P	81-18-053
296-78-71001	NEW	81-18-029	296-78-820	NEW	81-18-029	296-200-070	NEW-P	81-18-053
296-78-71003	NEW-P	81-13-027	296-78-825	NEW-P	81-13-027	296-200-080	NEW-P	81-18-053
296-78-71003	NEW	81-18-029	296-78-825	NEW	81-18-029	296-200-090	NEW-P	81-18-053
296-78-71005	NEW-P	81-13-027	296-78-830	NEW-P	81-13-027	296-200-100	NEW-P	81-18-053
296-78-71005	NEW	81-18-029	296-78-830	NEW	81-18-029	296-200-900	NEW-P	81-18-053
296-78-71007	NEW-P	81-13-027	296-78-835	NEW-P	81-13-027	296-401	AMD-P	81-05-019
296-78-71007	NEW	81-18-029	296-78-835	NEW	81-18-029	296-401	AMD-P	81-05-025
296-78-71009	NEW-P	81-13-027	296-78-840	NEW-P	81-13-027	296-401-020	AMD	81-06-037
296-78-71009	NEW	81-18-029	296-78-840	NEW	81-18-029	296-401-050	REP	81-06-037
296-78-71011	NEW-P	81-13-027	296-78-84001	NEW-P	81-13-027	296-401-080	AMD	81-06-037
296-78-71011	NEW	81-18-029	296-78-84001	NEW	81-18-029	296-401-100	AMD	81-06-037
296-78-71013	NEW-P	81-13-027	296-78-84003	NEW-P	81-13-027	296-401-140	AMD	81-06-037
296-78-71013	NEW	81-18-029	296-78-84003	NEW	81-18-029	296-401-150	AMD	81-06-037
296-78-71015	NEW-P	81-13-027	296-78-84005	NEW-P	81-13-027	296-401-160	AMD	81-06-037
296-78-71015	NEW	81-18-029	296-78-84005	NEW	81-18-029	296-401-180	AMD	81-06-037
296-78-71017	NEW-P	81-13-027	296-78-84007	NEW-P	81-13-027	308-04-001	NEW-E	81-03-046

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WAC #	WSR #	WAC #	WSR #	WAC #	WSR #			
308-04-001	NEW-P	81-04-071	308-40-101	AMD-P	81-04-047	308-97-200	REP	81-16-010
308-04-001	NEW	81-07-045	308-40-101	AMD	81-08-043	308-97-205	NEW-P	81-13-054
308-12-300	REP-P	81-15-067	308-42-045	AMD-P	81-14-088	308-97-205	NEW	81-16-010
308-12-300	REP	81-18-044	308-42-045	AMD	81-19-071	308-97-210	REP-P	81-13-054
308-12-311	AMD-P	81-15-067	308-42-060	AMD-P	81-14-088	308-97-210	REP	81-16-010
308-12-311	AMD	81-18-044	308-42-060	AMD	81-19-071	308-97-230	AMD-P	81-13-054
308-16-211	AMD	81-03-015	308-50-055	REP-P	81-05-026	308-97-230	AMD	81-16-010
308-16-212	AMD	81-03-015	308-50-055	REP	81-09-030	308-97-250	REP-P	81-13-054
308-16-215	AMD	81-03-015	308-50-080	AMD-P	81-05-026	308-97-250	REP	81-16-010
308-16-216	AMD	81-03-015	308-50-080	AMD	81-09-030	308-97-270	REP-P	81-13-054
308-16-217	AMD	81-03-015	308-51-010	AMD-P	81-08-042	308-97-270	REP	81-16-010
308-16-218	NEW	81-03-015	308-51-010	AMD	81-11-005	308-97-290	REP-P	81-13-054
308-24-305	AMD	81-03-016	308-52-020	REP	81-03-079	308-97-290	REP	81-16-010
308-24-320	AMD	81-03-016	308-52-040	AMD	81-03-079	308-97-330	REP-P	81-13-054
308-24-380	REP-P	81-05-035	308-52-110	REP	81-03-079	308-97-330	REP	81-16-010
308-24-380	REP	81-09-031	308-52-120	AMD	81-03-079	308-97-370	REP-P	81-13-054
308-24-382	NEW-P	81-05-035	308-52-132	NEW	81-03-078	308-97-370	REP	81-16-010
308-24-382	NEW	81-09-031	308-52-137	REP	81-03-078	308-97-410	REP-P	81-13-054
308-24-384	NEW-P	81-05-035	308-52-138	AMD	81-03-078	308-97-410	REP	81-16-010
308-24-384	NEW	81-09-031	308-52-139	AMD	81-03-078	308-98-010	REP-P	81-15-068
308-24-403	AMD	81-03-016	308-52-140	AMD	81-03-078	308-98-010	REP	81-18-037
308-24-404	AMD	81-03-016	308-52-141	AMD	81-03-078	308-98-020	REP-P	81-15-068
308-24-430	AMD	81-03-016	308-52-144	REP	81-03-078	308-98-020	REP	81-18-037
308-33-011	AMD	81-02-031	308-52-201	NEW	81-03-078	308-98-030	REP-P	81-15-068
308-33-015	REP	81-02-031	308-52-205	NEW	81-03-078	308-98-030	REP	81-18-037
308-33-020	AMD	81-02-031	308-52-211	NEW	81-03-078	308-98-040	REP-P	81-15-068
308-33-030	AMD	81-02-031	308-52-215	NEW	81-03-078	308-98-040	REP	81-18-037
308-36-020	AMD-P	81-04-047	308-52-221	NEW	81-03-078	308-98-050	REP-P	81-15-068
308-36-020	AMD	81-08-043	308-52-250	REP	81-03-079	308-98-050	REP	81-18-037
308-37-100	NEW-P	81-02-032	308-52-255	NEW	81-03-079	308-98-060	REP-P	81-15-068
308-37-100	NEW	81-06-013	308-52-406	NEW-P	81-19-124	308-98-060	REP	81-18-037
308-37-110	NEW-P	81-02-032	308-53-130	AMD	81-06-012	308-98-070	REP-P	81-15-068
308-37-110	NEW	81-06-013	308-53-215	NEW	81-06-012	308-98-070	REP	81-18-037
308-37-120	NEW-P	81-02-032	308-53-230	AMD	81-06-012	308-98-080	REP-P	81-15-068
308-37-120	NEW	81-06-013	308-54-120	AMD-P	81-09-022	308-98-080	REP	81-18-037
308-37-130	NEW-P	81-02-032	308-54-120	AMD	81-14-037	308-120-100	AMD	81-04-007
308-37-130	NEW	81-06-013	308-77-280	NEW-P	81-11-040	308-120-160	REP	81-04-007
308-37-140	NEW-P	81-02-032	308-77-280	NEW	81-14-048	308-120-161	NEW	81-04-007
308-37-140	NEW	81-06-013	308-92-010	REP	81-02-030	308-120-162	NEW	81-04-007
308-38	NEW-P	81-06-015	308-92-020	REP	81-02-030	308-120-163	NEW	81-04-007
308-38-100	NEW-P	81-02-032	308-92-030	REP	81-02-030	308-120-164	NEW	81-04-007
308-38-100	NEW-P	81-10-072	308-92-040	REP	81-02-030	308-120-165	NEW	81-04-007
308-38-100	NEW-P	81-13-042	308-92-050	REP	81-02-030	308-120-166	NEW	81-04-007
308-38-100	NEW	81-17-054	308-92-060	REP	81-02-030	308-120-168	NEW	81-04-007
308-38-110	NEW-P	81-02-032	308-92-070	REP	81-02-030	308-120-170	AMD-P	81-07-011
308-38-110	NEW-P	81-10-072	308-92-080	REP	81-02-030	308-120-170	AMD	81-10-026
308-38-110	NEW-P	81-13-042	308-92-100	REP	81-02-030	308-120-185	AMD	81-04-007
308-38-110	NEW	81-17-054	308-92-110	REP	81-02-030	308-120-410	AMD	81-04-007
308-38-120	NEW-P	81-02-032	308-92-120	REP	81-02-030	308-120-420	AMD	81-04-007
308-38-120	NEW-P	81-10-072	308-92-130	REP	81-02-030	308-120-509	AMD	81-04-007
308-38-120	NEW-P	81-13-042	308-92-140	REP	81-02-030	308-120-510	AMD-P	81-07-011
308-38-120	NEW	81-17-054	308-92-150	REP	81-02-030	308-120-510	AMD	81-10-026
308-38-130	NEW-P	81-02-032	308-92-160	REP	81-02-030	308-120-511	AMD-P	81-07-011
308-38-130	NEW-P	81-10-072	308-92-170	REP	81-02-030	308-120-511	AMD	81-10-026
308-38-130	NEW-P	81-13-042	308-92-180	REP	81-02-030	308-124-005	AMD	81-05-016
308-38-130	NEW	81-17-054	308-92-190	REP	81-02-030	308-124-021	AMD	81-05-016
308-38-140	NEW-P	81-02-032	308-92-200	REP	81-02-030	308-124A-020	AMD	81-05-016
308-38-140	NEW-P	81-10-072	308-97-050	REP-P	81-13-054	308-124A-025	AMD	81-05-016
308-38-140	NEW-P	81-13-042	308-97-050	REP	81-16-010	308-124A-030	AMD	81-05-016
308-38-140	NEW	81-17-054	308-97-060	NEW-P	81-13-054	308-124A-100	AMD	81-05-016
308-38-150	NEW-P	81-02-032	308-97-060	NEW	81-16-010	308-124A-110	NEW	81-05-016
308-38-150	NEW-P	81-10-072	308-97-080	REP-P	81-13-054	308-124A-120	NEW	81-05-016
308-38-150	NEW-P	81-13-042	308-97-080	REP	81-16-010	308-124A-130	NEW	81-05-016
308-38-150	NEW	81-17-054	308-97-090	NEW-P	81-13-054	308-124A-200	AMD	81-05-016
308-38-160	NEW-P	81-02-032	308-97-090	NEW	81-16-010	308-124A-310	REP	81-05-016
308-38-160	NEW-P	81-10-072	308-97-100	REP-P	81-13-054	308-124A-410	NEW	81-05-016
308-38-160	NEW-P	81-13-042	308-97-100	REP	81-16-010	308-124A-420	NEW	81-05-016
308-38-160	NEW	81-17-054	308-97-125	NEW-P	81-13-054	308-124B-040	AMD	81-05-016
308-39-100	NEW-P	81-02-032	308-97-125	NEW	81-16-010	308-124B-110	AMD	81-05-016
308-39-100	NEW	81-06-013	308-97-150	REP-P	81-13-054	308-124B-120	AMD	81-05-016
308-39-110	NEW-P	81-02-032	308-97-150	REP	81-16-010	308-124C-010	AMD	81-05-016
308-39-110	NEW	81-06-013	308-97-175	NEW-P	81-13-054	308-124D-015	NEW-P	81-02-054
308-39-120	NEW-P	81-02-032	308-97-175	NEW	81-16-010	308-124D-015	NEW-P	81-06-014
308-39-120	NEW	81-06-013	308-97-200	REP-P	81-13-054	308-124E-010	AMD	81-05-015

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308-124F-050	REP	81-05-015	314-64-070	NEW-E	81-15-096	332-26-506	NEW-E	81-17-014
308-124F-200	REP	81-05-015	314-64-070	NEW-P	81-18-023	332-26-508	NEW-E	81-17-013
308-124G-010	REP	81-05-015	314-64-080	NEW-E	81-15-096	332-26-508	NEW-E	81-17-014
308-124H-020	AMD	81-05-015	314-64-080	NEW-P	81-18-023	332-26-508	NEW-E	81-17-020
308-124H-030	AMD	81-05-015	314-64-090	NEW-E	81-15-096	332-26-509	NEW-E	81-17-020
308-124H-040	AMD	81-05-015	314-64-090	NEW-P	81-18-023	332-26-511	NEW-E	81-17-029
308-124H-045	AMD	81-05-015	314-78-010	NEW-P	81-17-084	332-26-512	NEW-E	81-17-040
308-124H-050	AMD	81-05-015	314-78-010	NEW	81-19-116	332-26-513	NEW-E	81-17-040
308-124H-060	AMD	81-05-015	320-12-010	REP-P	81-17-053	332-26-514	NEW-E	81-17-049
308-300-020	AMD-W	81-03-027	320-12-010	REP-W	81-17-075	332-26-515	NEW-E	81-17-050
308-300-030	AMD-W	81-03-027	320-12-030	AMD-P	81-17-053	332-26-516	NEW-E	81-17-050
308-300-040	AMD-W	81-03-027	320-12-040	AMD-P	81-17-053	332-26-517	NEW-E	81-17-070
308-300-050	AMD-W	81-03-027	320-12-050	AMD-P	81-17-053	332-26-518	NEW-E	81-19-064
308-300-070	AMD-W	81-03-027	320-12-060	AMD-P	81-17-053	332-26-519	NEW-E	81-19-064
308-300-080	AMD-W	81-03-027	320-12-070	AMD-P	81-17-053	332-26-520	NEW-E	81-19-070
308-300-100	AMD-W	81-03-027	320-12-070	AMD-P	81-17-053	332-26-521	NEW-E	81-19-075
308-300-110	AMD-W	81-03-027	320-12-070	AMD-P	81-17-053	332-26-522	NEW-E	81-19-085
308-300-120	AMD-W	81-03-027	322-02-010	NEW-P	81-03-084	332-26-522	NEW-E	81-19-085
308-300-130	AMD-W	81-03-027	322-02-020	NEW-P	81-03-084	332-30-106	AMD-P	81-15-042
308-300-150	AMD-W	81-03-027	322-02-030	NEW-P	81-03-084	332-30-106	AMD-P	81-16-001
308-300-160	AMD-W	81-03-027	322-10-010	NEW-P	81-03-084	332-30-106	AMD-P	81-16-001
308-300-160	AMD-W	81-03-027	322-10-010	NEW-P	81-03-084	332-30-164	NEW-P	81-04-069
308-300-220	AMD	81-02-038	322-10-020	NEW-P	81-03-084	332-30-164	NEW-P	81-09-024
308-400-010	NEW-P	81-19-132	322-10-030	NEW-P	81-03-084	332-100-050	AMD-E	81-06-057
308-400-020	NEW-P	81-19-132	322-10-040	NEW-P	81-03-084	332-100-050	AMD-P	81-09-004
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308-400-030	NEW-P	81-19-132	322-10-060	NEW-P	81-03-084	342-10-180	AMD	81-12-049
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308-400-050	NEW-P	81-19-132	322-10-070	NEW-P	81-03-084	342-10-240	AMD	81-12-049
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308-400-070	NEW-P	81-19-132	322-10-090	NEW-P	81-03-084	352-32-010	AMD	81-09-034
308-400-080	NEW-P	81-19-132	322-10-100	NEW-P	81-03-084	352-32-030	AMD-P	81-04-049
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308-400-090	NEW-P	81-19-132	322-12-010	REP-P	81-03-084	352-32-030	AMD	81-09-049
314-08-160	AMD-P	81-17-084	322-12-020	REP-P	81-03-084	352-32-035	AMD-P	81-06-055
314-08-160	AMD	81-19-116	322-12-030	REP-P	81-03-084	352-32-035	AMD-P	81-10-036
314-08-180	AMD-P	81-17-084	322-12-040	REP-P	81-03-084	352-32-035	AMD-E	81-12-013
314-08-180	AMD	81-19-116	322-12-060	REP-P	81-03-084	352-32-035	AMD	81-12-014
314-12-070	AMD-E	81-14-079	322-12-070	REP-P	81-03-084	352-32-250	AMD-P	81-04-049
314-12-070	AMD-P	81-18-059	322-12-080	REP-P	81-03-084	352-32-250	AMD	81-09-034
314-12-090	AMD-E	81-14-079	322-12-090	REP-P	81-03-084	352-32-280	AMD	81-09-034
314-12-090	AMD-P	81-18-059	322-12-100	REP-P	81-03-084	352-32-285	AMD	81-09-034
314-12-130	REP-P	81-12-010	322-12-110	REP-P	81-03-084	352-32-285	AMD-P	81-12-046
314-16-060	AMD-P	81-18-015	322-12-120	REP-P	81-03-084	352-32-285	AMD	81-15-059
314-16-122	NEW-P	81-17-083	322-12-140	REP-P	81-03-084	352-36-040(3)	REMOV	81-11-003
314-16-125	AMD-P	81-17-083	322-12-150	REP-P	81-03-084	352-52-010	NEW-P	81-16-072
314-16-210	NEW-E	81-14-079	322-12-160	REP-P	81-03-084	352-52-010	NEW	81-19-114
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314-16-220	NEW-E	81-14-079	322-22-020	NEW-P	81-03-084	352-52-020	NEW	81-19-114
314-16-220	NEW-P	81-18-059	332-08-445	NEW-E	81-09-061	352-52-030	NEW-P	81-16-072
314-16-230	NEW-E	81-14-079	332-22-010	NEW	81-03-059	352-52-030	NEW	81-19-114
314-16-230	NEW-P	81-18-059	332-22-020	NEW	81-03-059	352-52-040	NEW-P	81-16-072
314-20-010	AMD-E	81-14-079	332-22-030	NEW	81-03-059	352-52-040	NEW	81-19-114
314-20-010	AMD-P	81-18-059	332-22-040	NEW	81-03-059	356-06-010	AMD-P	81-16-037
314-20-015	AMD-E	81-14-079	332-22-050	NEW	81-03-059	356-06-010	AMD-P	81-18-061
314-20-015	AMD-P	81-18-059	332-22-060	NEW	81-03-059	356-06-010	AMD-P	81-19-068
314-20-160	AMD-E	81-14-079	332-22-070	NEW	81-03-059	356-10-060	AMD-E	81-19-062
314-20-160	AMD-P	81-18-059	332-22-080	NEW	81-03-059	356-14-065	NEW-P	81-18-061
314-24-003	AMD-E	81-14-079	332-22-090	NEW	81-03-059	356-14-065	NEW-E	81-19-061
314-24-003	AMD-P	81-18-059	332-22-100	NEW	81-03-059	356-14-085	AMD-P	81-06-053
314-24-050	AMD-E	81-14-079	332-22-110	NEW	81-03-059	356-14-085	AMD-P	81-09-038
314-24-050	AMD-P	81-18-059	332-22-120	NEW	81-03-059	356-14-085	AMD	81-11-032
314-24-110	AMD-E	81-14-079	332-22-130	NEW	81-03-059	356-15-060	AMD-P	81-16-028
314-24-110	AMD-P	81-18-059	332-22-140	NEW	81-03-059	356-15-060	AMD-P	81-19-068
314-24-120	AMD-E	81-14-079	332-22-150	NEW	81-03-059	356-15-080	AMD-P	81-16-028
314-24-120	AMD-P	81-18-059	332-24-090	AMD-E	81-07-038	356-15-080	AMD-P	81-19-068
314-24-190	AMD-E	81-14-079	332-24-090	AMD-E	81-09-011	356-15-090	AMD-P	81-16-028
314-24-190	AMD-P	81-18-059	332-25-510	NEW-E	81-17-029	356-15-120	AMD-P	81-10-045
314-24-200	AMD-E	81-14-079	332-26-010	NEW-E	81-15-008	356-15-120	AMD-E	81-13-028
314-24-200	AMD-P	81-18-059	332-26-020	NEW-E	81-15-008	356-15-120	AMD	81-13-030
314-52-080	AMD	81-04-011	332-26-040	NEW-E	81-15-008	356-15-120	REP-P	81-18-061
314-62-010	AMD-P	81-17-084	332-26-050	NEW-E	81-15-008	356-15-120	REP-E	81-19-061
314-62-010	AMD	81-19-116	332-26-060	NEW-E	81-15-008	356-15-125	NEW-P	81-18-061
314-62-020	AMD-P	81-17-084	332-26-080	NEW-E	81-09-050	356-15-125	NEW-E	81-19-061
314-62-020	AMD	81-19-116	332-26-501	NEW-E	81-09-011	356-15-130	AMD-P	81-18-061
314-64-060	NEW-E	81-15-096	332-26-506	NEW-E	81-17-004	356-15-130	AMD-E	81-19-061

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356-18-050	AMD	81-03-017	356-47-080	NEW-P	81-19-067	360-17-060	NEW	81-16-036
356-18-090	AMD-P	81-10-045	356-47-090	NEW-P	81-16-055	360-17-070	NEW-P	81-06-075
356-18-090	AMD	81-13-030	356-47-090	NEW-P	81-19-067	360-17-070	NEW-P	81-10-024
356-18-090	AMD-P	81-16-028	356-47-100	NEW-P	81-16-055	360-17-070	NEW-P	81-14-035
356-18-090	AMD-P	81-19-068	356-47-100	NEW-P	81-19-067	360-17-070	NEW	81-16-036
356-18-110	AMD-P	81-03-019	356-47-110	NEW-P	81-16-055	360-17-080	NEW-P	81-06-075
356-18-110	AMD	81-07-030	356-47-110	NEW-P	81-19-067	360-17-080	NEW-P	81-10-024
356-18-140	AMD-P	81-16-037	356-47-120	NEW-P	81-16-055	360-17-080	NEW-P	81-14-035
356-18-140	AMD-P	81-19-068	356-47-120	NEW-P	81-19-067	360-17-080	NEW	81-16-036
356-18-220	AMD-P	81-16-037	358-20-010	NEW-E	81-17-045	360-17-090	NEW-P	81-06-075
356-18-220	AMD-P	81-19-068	358-20-020	NEW-E	81-17-045	360-17-090	NEW-P	81-10-024
356-18-150	AMD-P	81-03-019	358-20-030	NEW-E	81-17-045	360-17-090	NEW-P	81-14-035
356-18-150	AMD-P	81-07-032	358-20-040	NEW-E	81-17-045	360-17-090	NEW	81-16-036
356-18-150	AMD	81-09-037	358-20-050	NEW-E	81-17-045	360-17-100	NEW-P	81-06-075
356-18-210	REP-P	81-10-045	358-30-010	NEW-E	81-17-045	360-17-100	NEW-P	81-10-024
356-18-210	REP	81-13-030	358-30-020	NEW-E	81-17-045	360-17-100	NEW-P	81-14-035
356-22-090	AMD-P	81-10-045	358-30-030	NEW-E	81-17-045	360-17-100	NEW	81-16-036
356-22-090	AMD-E	81-13-029	358-30-040	NEW-E	81-17-045	360-17-110	REP	81-16-036
356-22-090	AMD	81-13-030	358-30-050	NEW-E	81-17-045	360-30-010	REP-P	81-14-036
356-26-030	AMD-P	81-16-028	358-30-060	NEW-E	81-17-045	360-30-010	REP	81-19-086
356-26-030	AMD-P	81-19-068	358-30-070	NEW-E	81-17-045	360-30-020	REP-P	81-14-036
356-26-040	AMD-P	81-10-045	358-30-080	NEW-E	81-17-045	360-30-020	REP	81-19-086
356-26-040	AMD	81-13-030	358-30-090	NEW-E	81-17-045	360-30-030	REP-P	81-14-036
356-26-060	AMD	81-03-017	358-30-100	NEW-E	81-17-045	360-30-030	REP	81-19-086
356-26-060	AMD-P	81-16-037	358-30-110	NEW-E	81-17-045	360-32-050	AMD-P	81-07-012
356-26-060	AMD-P	81-19-068	358-30-120	NEW-E	81-17-045	360-32-050	AMD	81-10-025
356-26-070	AMD-P	81-16-028	358-30-130	NEW-E	81-17-045	360-32-055	AMD-P	81-07-012
356-26-070	AMD-P	81-19-068	358-30-140	NEW-E	81-17-045	360-32-055	AMD	81-10-025
356-30-080	AMD	81-03-064	358-30-150	NEW-E	81-17-045	360-48-010	NEW-P	81-19-122
356-30-080	AMD-P	81-16-055	358-30-160	NEW-E	81-17-045	360-48-020	NEW-P	81-19-122
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356-30-280	AMD-P	81-13-049	358-30-200	NEW-E	81-17-045	360-48-060	NEW-P	81-19-122
356-30-280	AMD-P	81-15-028	360-12-140	AMD-P	81-14-036	360-48-070	NEW-P	81-19-122
356-30-330	AMD-P	81-16-037	360-12-140	AMD	81-19-086	360-48-080	NEW-P	81-19-122
356-30-330	AMD-P	81-19-068	360-13-010	AMD-P	81-06-076	365-40-031	REP-P	81-11-057
356-34	AMD-P	81-03-018	360-13-010	AMD	81-10-027	365-40-051	AMD-P	81-11-057
356-34	AMD-P	81-07-031	360-13-020	AMD-P	81-02-033	365-40-061	AMD-P	81-11-057
356-34	AMD-P	81-09-039	360-13-020	AMD	81-06-077	365-40-071	AMD-P	81-11-057
356-34	AMD-P	81-11-038	360-13-030	AMD-P	81-02-033	365-42	REP-P	81-07-046
356-34	AMD-P	81-13-049	360-13-030	AMD	81-06-077	365-42-010	REP-P	81-03-050
356-34	AMD-P	81-15-028	360-13-045	AMD-P	81-02-033	365-42-010	REP	81-10-058
356-34-080	AMD-E	81-19-062	360-13-045	AMD	81-06-077	365-42-020	REP-P	81-03-050
356-34-180	AMD-P	81-03-019	360-13-055	AMD-P	81-02-033	365-42-020	REP	81-10-058
356-34-180	AMD-P	81-07-032	360-13-055	AMD	81-06-077	365-42-030	REP-P	81-03-050
356-34-180	AMD-P	81-09-038	360-13-065	REP-P	81-02-033	365-42-030	REP	81-10-058
356-34-220	AMD-P	81-03-019	360-13-066	NEW-P	81-02-033	365-42-100	REP-P	81-03-050
356-34-220	AMD-P	81-07-032	360-13-066	NEW-P	81-06-076	365-42-100	REP	81-10-058
356-34-220	AMD-P	81-09-038	360-13-066	NEW-P	81-10-023	365-42-110	REP-P	81-03-050
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388-38-010	AMD	81-17-028	388-48-020	REP	81-06-001
388-38-110	AMD-P	81-14-051	388-48-030	REP	81-06-001
388-38-110	AMD-E	81-14-065	388-48-033	REP	81-06-001
388-38-110	AMD	81-17-028	388-48-037	REP	81-06-001
388-38-120	AMD-P	81-09-036	388-48-040	REP	81-06-001
388-38-120	AMD	81-12-045	388-48-050	REP	81-06-001
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388-40-010	NEW	81-10-011	388-48-100	REP	81-06-001
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388-42-020	AMD-P	81-06-065	388-48-120	REP	81-06-001
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388-42-020	AMD-P	81-14-009	388-52-166	AMD-E	81-06-046
388-42-020	AMD-E	81-14-058	388-52-166	AMD-P	81-06-065
388-42-020	AMD	81-17-026	388-52-166	AMD	81-10-011
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388-42-090	REP	81-17-026	388-54-645	AMD-E	81-12-020
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388-42-040	AMD-E	81-14-058	388-54-725	AMD-P	81-04-036
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388-42-050	AMD-P	81-06-065	388-54-730	AMD-P	81-15-030
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388-42-050	REP-E	81-14-058	388-54-735	AMD-P	81-04-036
388-42-060	REP-P	81-14-009	388-54-735	AMD	81-08-021
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388-42-090	REP-E	81-14-058	388-54-775	AMD-P	81-08-046
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388-42-125	AMD-E	81-14-058	388-54-785	AMD-P	81-15-030
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388-70-044	AMD	81-09-042	388-70-044	AMD	81-09-042
388-70-048	AMD-P	81-06-008	388-70-048	AMD-P	81-06-008
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388-80-005	AMD-P	81-12-043	388-80-005	AMD-P	81-12-043
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388-81-005	AMD-E	81-06-042	388-81-005	AMD-E	81-06-042
388-81-005	AMD-P	81-06-068	388-81-005	AMD-P	81-06-068
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388-81-005	AMD-E	81-12-028	388-81-005	AMD-E	81-12-028
388-81-005	AMD-P	81-12-043	388-81-005	AMD-P	81-12-043
388-81-005	AMD	81-16-033	388-81-005	AMD	81-16-033
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388-81-025	AMD-P	81-06-068	388-81-025	AMD-P	81-06-068
388-81-025	AMD	81-10-014	388-81-025	AMD	81-10-014
388-81-025	AMD-E	81-12-028	388-81-025	AMD-E	81-12-028
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388-81-040	AMD	81-10-014	388-83-006	NEW-E	81-06-042	388-83-140	AMD	81-16-033
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388-81-050	AMD-P	81-06-068	388-83-006	NEW	81-10-014	388-84-005	REP-P	81-06-068
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388-81-055	AMD-E	81-06-042	388-83-006	AMD-P	81-12-043	388-84-010	REP-E	81-06-042
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388-81-060	AMD-P	81-06-068	388-83-010	AMD	81-10-014	388-84-015	REP-E	81-06-042
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388-82-006	NEW-P	81-06-068	388-83-017	AMD	81-10-014	388-84-025	REP-E	81-06-042
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388-82-020	REP	81-10-014	388-83-035	REP-P	81-06-068	388-84-120	NEW	81-10-014
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388-82-045	REP-P	81-06-068	388-83-045	REP-E	81-06-042	388-85-010	REP-P	81-06-068
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388-82-125	NEW	81-10-014	388-83-055	REP-P	81-06-068	388-85-020	REP-E	81-06-042
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388-82-126	AMD	81-16-033	388-83-065	REP-P	81-06-068	388-85-027	REP-E	81-06-042
388-82-130	NEW-E	81-06-042	388-83-065	REP	81-10-014	388-85-027	REP-P	81-06-068
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388-83-005	AMD-E	81-06-042	388-83-135	AMD	81-16-033	388-85-110	AMD-P	81-12-043
388-83-005	AMD-P	81-06-068	388-83-140	NEW-E	81-06-042	388-85-110	AMD	81-16-033
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388-86-005	AMD-P	81-12-043	388-86-100	AMD	81-16-033	388-87-070	AMD-P	81-12-042
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388-86-020	AMD-E	81-06-040	388-86-112	AMD-P	81-12-043	388-87-075	AMD-P	81-12-042
388-86-020	AMD-P	81-06-069	388-86-112	AMD	81-16-033	388-87-075	AMD	81-16-032
388-86-020	AMD	81-10-015	388-86-115	AMD-E	81-06-043	388-87-077	AMD-E	81-06-043
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388-86-021	NEW-P	81-12-043	388-86-115	AMD	81-10-015	388-87-077	AMD	81-10-016
388-86-021	NEW	81-16-033	388-86-115	AMD-E	81-12-028	388-87-080	AMD	81-06-003
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388-86-027	AMD-P	81-06-069	388-86-120	AMD-E	81-06-041	388-87-105	AMD-P	81-06-070
388-86-027	AMD	81-10-015	388-86-120	AMD-P	81-06-069	388-87-105	AMD	81-10-016
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388-86-030	AMD-P	81-12-043	388-86-120	AMD-E	81-12-028	388-87-105	AMD-P	81-12-042
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388-86-035	AMD-P	81-12-043	388-87-005	AMD-E	81-12-028	388-91-010	AMD-P	81-12-042
388-86-035	AMD	81-16-033	388-87-005	AMD-P	81-12-042	388-91-010	AMD	81-16-032
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388-86-040	AMD-P	81-06-069	388-87-010	AMD-E	81-06-043	388-91-016	AMD-P	81-06-070
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388-86-040	AMD-E	81-12-028	388-87-010	AMD	81-10-016	388-91-035	AMD-E	81-06-043
388-86-040	AMD-P	81-12-043	388-87-010	AMD-E	81-12-028	388-91-035	AMD-P	81-06-070
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388-86-090	AMD	81-16-033	388-87-027	AMD	81-10-016	388-92-030	AMD-E	81-12-028
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388-96-222	AMD-P	81-18-062	388-96-727	AMD	81-15-049	388-320-092	AMD	81-06-001
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388-96-223	AMD	81-15-049	388-96-735	AMD	81-15-049	388-320-095	REP	81-06-001
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391-70-300	REP	81-15-022	392-123-140	AMD-E	81-15-086	392-140-020	NEW	81-16-042
391-95-130	NEW	81-02-034	392-123-140	AMD-P	81-15-072	392-140-021	NEW-P	81-13-043
391-95-310	NEW	81-02-034	392-123-141	NEW-E	81-15-086	392-140-021	NEW	81-16-042
392-109-055	AMD-P	81-14-086	392-125-010	AMD-P	81-15-077	392-140-022	NEW-P	81-13-043
392-109-055	AMD-E	81-16-047	392-125-010	AMD	81-19-007	392-140-022	NEW	81-16-042
392-109-055	AMD	81-17-005	392-125-011	NEW-P	81-15-077	392-140-023	NEW-P	81-13-043
392-109-060	AMD-P	81-14-086	392-125-011	NEW	81-19-007	392-140-023	NEW	81-16-042
392-109-060	AMD-E	81-16-047	392-125-015	AMD-P	81-15-077	392-140-025	NEW-E	81-17-033
392-109-060	AMD	81-17-005	392-125-015	AMD	81-19-007	392-140-025	NEW-P	81-17-076
392-109-077	NEW-P	81-14-086	392-125-020	AMD-P	81-15-077	392-140-026	NEW-E	81-17-033
392-109-077	NEW-E	81-16-047	392-125-020	AMD	81-19-007	392-140-026	NEW-P	81-17-076
392-109-077	NEW	81-17-005	392-125-060	AMD-P	81-15-077	392-140-027	NEW-E	81-17-033
392-109-085	AMD-P	81-14-086	392-125-060	AMD	81-19-007	392-140-027	NEW-P	81-17-076
392-109-085	AMD-E	81-16-047	392-125-075	REP-P	81-15-077	392-140-028	NEW-E	81-17-033
392-109-085	AMD	81-17-005	392-125-075	REP	81-19-007	392-140-028	NEW-P	81-17-076
392-109-115	AMD-P	81-14-086	392-125-085	NEW-P	81-15-077	392-140-029	NEW-E	81-17-033
392-109-115	AMD-E	81-16-047	392-125-085	NEW	81-19-007	392-140-029	NEW-P	81-17-076
392-109-115	AMD	81-17-005	392-129-005	AMD-P	81-17-078	392-140-030	NEW-E	81-17-033
392-109-117	NEW-E	81-16-047	392-129-010	AMD-P	81-17-078	392-140-030	NEW-P	81-17-076
392-109-117	NEW	81-17-005	392-129-015	AMD-E	81-12-001	392-140-031	NEW-E	81-17-033
392-121-105	AMD-P	81-15-078	392-129-015	AMD-P	81-17-078	392-140-031	NEW-P	81-17-076
392-121-105	AMD-E	81-16-052	392-129-020	AMD-P	81-17-078	392-140-032	NEW-E	81-17-033
392-121-115	AMD-P	81-15-078	392-131-005	REP-P	81-15-081	392-140-032	NEW-P	81-17-076
392-121-115	AMD-E	81-16-052	392-131-005	REP	81-19-008	392-140-033	NEW-E	81-17-033
392-121-120	AMD-P	81-15-078	392-131-010	REP-P	81-15-081	392-140-033	NEW-P	81-17-076
392-121-120	AMD-E	81-16-052	392-131-010	REP	81-19-008	392-140-034	NEW-E	81-17-033
392-121-121	NEW-P	81-15-078	392-131-015	REP-P	81-15-081	392-140-034	NEW-P	81-17-076
392-121-121	NEW-E	81-16-052	392-131-015	REP	81-19-008	392-140-035	NEW-E	81-17-033
392-121-125	AMD-P	81-15-078	392-131-020	REP-P	81-15-081	392-140-035	NEW-P	81-17-076
392-121-125	AMD-E	81-16-052	392-131-020	REP	81-19-008	392-140-040	NEW-E	81-17-034
392-121-126	NEW-P	81-15-078	392-131-025	REP-P	81-15-081	392-140-040	NEW-P	81-17-077
392-121-126	NEW-E	81-16-052	392-131-025	REP	81-19-008	392-140-041	NEW-E	81-17-034
392-121-127	NEW-P	81-15-078	392-135-010	AMD-P	81-15-079	392-140-041	NEW-P	81-17-077
392-121-127	NEW-E	81-16-052	392-135-010	AMD-E	81-15-085	392-141-037	AMD-P	81-15-075
392-121-145	AMD-P	81-15-078	392-135-010	AMD-E	81-17-052	392-141-037	AMD	81-19-009
392-121-145	AMD-E	81-16-052	392-135-010	AMD	81-19-090	392-141-054	AMD-P	81-15-074
392-121-155	AMD-P	81-15-078	392-135-020	AMD-P	81-15-079	392-141-054	AMD	81-19-010
392-121-155	AMD-E	81-16-052	392-135-020	AMD-E	81-15-085	392-143-035	AMD-P	81-15-073
392-121-170	AMD-P	81-15-078	392-135-020	AMD-E	81-17-052	392-143-035	AMD	81-19-011
392-121-170	AMD-E	81-16-052	392-135-020	AMD	81-19-090	392-160-001	AMD-P	81-13-045
392-121-175	AMD-P	81-15-078	392-135-021	NEW-P	81-15-079	392-160-001	AMD	81-15-089
392-121-175	AMD-E	81-16-052	392-135-021	NEW-E	81-15-085	392-160-010	AMD	81-15-089
392-121-176	NEW-P	81-15-080	392-135-021	AMD-E	81-17-052	392-160-015	AMD	81-15-089
392-121-176	NEW	81-19-005	392-135-021	NEW	81-19-090	392-160-025	REP	81-15-089
392-121-177	NEW-P	81-15-082	392-137-060	AMD-P	81-13-046	392-160-030	REP	81-15-089
392-121-177	NEW	81-19-006	392-137-060	AMD	81-15-090	392-160-035	AMD	81-15-089
392-121-186	NEW-P	81-15-078	392-139	AMD-P	81-19-115	392-160-040	AMD	81-15-089
392-121-186	NEW-E	81-16-052	392-139-005	AMD-P	81-17-080	392-160-045	AMD	81-15-089
392-121-195	NEW-P	81-15-078	392-139-010	AMD-P	81-17-080	392-160-010	AMD-P	81-13-045
392-121-195	NEW-E	81-16-052	392-139-016	AMD-P	81-17-080	392-160-015	AMD-P	81-13-045
392-123-005	AMD-E	81-15-086	392-139-017	AMD-P	81-17-080	392-160-025	REP-P	81-13-045
392-123-005	AMD-P	81-15-072	392-139-017	AMD-P	81-17-080	392-160-030	REP-P	81-13-045
392-123-010	AMD-E	81-15-086	392-139-026	AMD-P	81-17-080	392-160-035	AMD-P	81-13-045
392-123-010	AMD-P	81-15-072	392-139-031	AMD-P	81-17-080	392-160-040	AMD-P	81-13-045
392-123-051	AMD-E	81-15-086	392-139-036	AMD-P	81-17-080	392-160-045	AMD-P	81-13-045
392-123-051	AMD-P	81-15-072	392-139-037	NEW-P	81-17-080	392-161-005	REP-P	81-13-044
392-123-054	AMD-E	81-15-086	392-140	AMD-P	81-15-087	392-161-005	REP	81-15-088

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392-161-010	REP	81-15-088	392-171-786	REP-E	81-17-035	458-16-011	NEW	81-05-018
392-161-015	REP-P	81-13-044	392-171-786	REP-P	81-17-079	458-16-012	NEW	81-05-018
392-161-015	REP	81-15-088	402-12-050	AMD-P	81-12-026	458-16-013	NEW	81-05-018
392-161-020	REP-P	81-13-044	402-12-050	AMD	81-16-031	458-16-020	AMD	81-05-018
392-161-020	REP	81-15-088	402-22-040	AMD-P	81-12-026	458-16-050	AMD	81-05-018
392-161-025	REP-P	81-13-044	402-22-040	AMD	81-16-031	458-16-060	AMD	81-05-018
392-161-025	REP	81-15-088	402-22-150	NEW-P	81-12-026	458-16-070	AMD	81-05-018
392-161-030	REP-P	81-13-044	402-22-150	NEW	81-16-031	458-16-079	NEW	81-05-018
392-161-030	REP	81-15-088	402-52-010	REP-P	81-12-026	458-16-081	AMD	81-04-052
392-161-035	REP-P	81-13-044	402-52-010	REP	81-16-031	458-16-110	AMD	81-05-017
392-161-035	REP	81-15-088	402-52-015	REP-P	81-12-026	458-16-111	AMD	81-05-017
392-161-040	REP-P	81-13-044	402-52-015	REP	81-16-031	458-16-120	AMD	81-05-017
392-161-040	REP	81-15-088	402-52-020	REP-P	81-12-026	458-16-130	AMD	81-05-017
392-161-045	REP-P	81-13-044	402-52-020	REP	81-16-031	458-16-130	AMD-P	81-17-059
392-161-045	REP	81-15-088	402-52-025	REP-P	81-12-026	458-16-150	AMD	81-05-017
392-161-050	REP-P	81-13-044	402-52-025	REP	81-16-031	458-16-190	AMD-P	81-17-059
392-161-050	REP	81-15-088	402-52-100	NEW-P	81-12-026	458-16-210	AMD	81-05-017
392-161-055	REP-P	81-13-044	402-52-100	NEW	81-16-031	458-16-260	AMD	81-05-017
392-161-055	REP	81-15-088	402-52-200	NEW-P	81-12-026	458-16-270	AMD	81-05-017
392-161-060	REP-P	81-13-044	402-52-200	NEW	81-16-031	458-16-280	AMD-P	81-17-059
392-161-060	REP	81-15-088	410-20-010	NEW	81-02-030	458-16-282	NEW-E	81-17-018
392-161-065	REP-P	81-13-044	410-20-020	NEW	81-02-030	458-16-282	NEW-P	81-17-060
392-161-065	REP	81-15-088	410-20-030	NEW	81-02-030	458-16-300	NEW-E	81-17-018
392-161-070	REP-P	81-13-044	410-20-040	NEW	81-02-030	458-16-300	NEW-P	81-17-060
392-161-070	REP	81-15-088	410-20-040	AMD-P	81-16-086	458-16-301	NEW-E	81-17-018
392-161-075	REP-P	81-13-044	410-20-040	AMD	81-19-089	458-16-301	NEW-P	81-17-060
392-161-075	REP	81-15-088	410-20-050	NEW	81-02-030	458-16-310	NEW-E	81-17-018
392-161-080	REP-P	81-13-044	410-20-060	NEW	81-02-030	458-16-310	NEW-P	81-17-060
392-161-080	REP	81-15-088	410-20-070	NEW	81-02-030	458-18-010	AMD	81-05-020
392-161-085	REP-P	81-13-044	415-104-800	NEW-E	81-03-028	458-18-020	AMD	81-05-020
392-161-085	REP	81-15-088	415-104-800	NEW-P	81-04-022	458-18-030	AMD	81-05-020
392-161-090	REP-P	81-13-044	415-104-800	NEW	81-07-017	458-18-050	AMD	81-05-020
392-161-090	REP	81-15-088	415-104-810	NEW-E	81-03-028	458-18-060	AMD-P	81-17-058
392-161-095	REP-P	81-13-044	415-104-810	NEW-P	81-04-022	458-18-080	AMD	81-05-020
392-161-095	REP	81-15-088	415-104-810	NEW	81-07-017	458-18-100	AMD	81-05-020
392-161-101	REP-P	81-13-044	415-104-820	NEW-E	81-03-028	458-18-500	NEW-P	81-19-038
392-161-101	REP	81-15-088	415-104-820	NEW-P	81-04-022	458-18-510	NEW-P	81-19-038
392-161-104	REP-P	81-13-044	415-104-820	NEW	81-07-017	458-18-520	NEW-P	81-19-038
392-161-104	REP	81-15-088	415-104-830	NEW	81-07-017	458-18-530	NEW-P	81-19-038
392-161-116	REP-P	81-13-044	434-16-010	REP-P	81-19-132	458-18-540	NEW-P	81-19-038
392-161-116	REP	81-15-088	434-16-020	REP-P	81-19-132	458-18-550	NEW-P	81-19-038
392-161-118	REP-P	81-13-044	434-16-030	REP-P	81-19-132	458-19-550	NEW	81-04-055
392-161-118	REP	81-15-088	434-16-040	REP-P	81-19-132	458-40-18600	AMD-P	81-10-053
392-161-118	REP	81-15-088	434-16-050	REP-P	81-19-132	458-40-18600	AMD-E	81-14-046
392-161-120	REP	81-15-088	434-16-060	REP-P	81-19-132	458-40-18600	AMD	81-14-047
392-161-120	REP-P	81-13-044	434-16-070	REP-P	81-19-132	458-40-18655	NEW-P	81-10-053
392-161-125	REP-P	81-13-044	434-16-080	REP-P	81-19-132	458-40-18655	NEW-E	81-14-046
392-161-125	REP	81-15-088	434-16-090	REP-P	81-19-132	458-40-18655	NEW	81-14-047
392-161-130	REP-P	81-13-044	446-40-070	AMD	81-04-042	458-40-18656	NEW-P	81-10-053
392-161-130	REP	81-15-088	446-50-010	AMD	81-03-008	458-40-18656	NEW-E	81-14-046
392-161-135	REP-P	81-13-044	446-50-020	AMD	81-03-008	458-40-18656	NEW	81-14-047
392-161-135	REP	81-15-088	446-50-080	AMD	81-03-008	458-40-18657	NEW-P	81-10-053
392-161-140	REP-P	81-13-044	458-12-285	REP	81-04-054	458-40-18657	NEW-E	81-14-046
392-161-140	REP	81-15-088	458-12-290	REP	81-04-054	458-40-18657	NEW	81-14-047
392-161-145	REP-P	81-13-044	458-12-380	REP	81-04-054	458-40-18658	NEW-P	81-10-053
392-161-145	REP	81-15-088	458-12-400	REP	81-04-054	458-40-18658	NEW-E	81-14-046
392-161-150	REP-P	81-13-044	458-12-401	REP	81-04-054	458-40-18658	NEW	81-14-047
392-161-150	REP	81-15-088	458-12-402	REP	81-04-054	458-40-18659	NEW-P	81-10-053
392-161-155	REP-P	81-13-044	458-12-403	REP	81-04-054	458-40-18659	NEW-E	81-14-046
392-161-155	REP	81-15-088	458-12-404	REP	81-04-054	458-40-18659	NEW	81-14-047
392-161-160	REP-P	81-13-044	458-12-405	REP	81-04-054	458-40-18660	NEW-P	81-10-053
392-161-160	REP	81-15-088	458-12-406	REP	81-04-054	458-40-18660	NEW-E	81-14-046
392-161-165	REP-P	81-13-044	458-12-408	REP	81-04-054	458-40-18660	NEW	81-14-047
392-161-165	REP	81-15-088	458-12-410	REP	81-04-054	458-40-19000	AMD-P	81-10-053
392-161-170	REP-P	81-13-044	458-12-412	REP	81-04-054	458-40-19000	AMD-E	81-14-046
392-161-170	REP	81-15-088	458-12-414	REP	81-04-054	458-40-19000	AMD	81-14-047
392-161-175	REP-P	81-13-044	458-12-416	REP	81-04-054	458-40-19001	AMD-P	81-10-053
392-161-175	REP	81-15-088	458-12-418	REP	81-04-054	458-40-19001	AMD-E	81-14-046
392-161-180	REP-P	81-13-044	458-12-420	REP	81-04-054	458-40-19001	AMD	81-14-047
392-161-180	REP	81-15-088	458-12-422	REP	81-04-054	458-40-19002	AMD-P	81-10-053
392-161-185	REP-P	81-13-044	458-14-125	AMD-E	81-16-063	458-40-19002	AMD-E	81-14-046
392-161-185	REP	81-15-088	458-14-125	AMD-P	81-17-057	458-40-19002	AMD	81-14-047
392-171-581	AMD-P	81-15-076	458-14-126	NEW	81-04-053	458-40-19003	AMD-P	81-10-053

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463-42-275	NEW-P	81-17-065	463-46-055	AMD	81-07-019	468-87-210	NEW-P	81-03-050
463-42-280	REP-P	81-17-065	463-54-070	AMD-E	81-08-023	468-87-210	NEW	81-10-058
463-42-285	NEW-P	81-17-065	463-54-070	AMD-P	81-08-037	468-87-220	NEW-P	81-03-050
463-42-290	REP-P	81-17-065	463-54-070	AMD	81-11-011	468-87-220	NEW	81-10-058
463-42-295	NEW-P	81-17-065	468-06	REVIEW	81-07-015	468-87-230	NEW-P	81-03-050
463-42-300	REP-P	81-17-065	468-06-030	AMD-P	81-08-008	468-87-230	NEW	81-10-058
463-42-305	NEW-P	81-17-065	468-06-030	AMD	81-11-035	468-87-240	NEW-P	81-03-050
463-42-310	REP-P	81-17-065	468-06-050	AMD-P	81-08-008	468-87-240	NEW	81-10-058
463-42-315	NEW-P	81-17-065	468-06-050	AMD	81-11-035	468-87-300	NEW-P	81-03-050
463-42-320	REP-P	81-17-065	468-06-070	AMD-P	81-08-008	468-87-300	NEW	81-10-058
463-42-325	NEW-P	81-17-065	468-06-070	AMD	81-11-035	468-87-310	NEW-P	81-03-050
463-42-330	REP-P	81-17-065	468-06-130	AMD-P	81-08-008	468-87-310	NEW	81-10-058
463-42-335	NEW-P	81-17-065	468-06-130	AMD	81-11-035	468-87-320	NEW-P	81-03-050
463-42-340	REP-P	81-17-065	468-10	REVIEW	81-07-015	468-87-320	NEW	81-10-058
463-42-345	NEW-P	81-17-065	468-12	REVIEW	81-07-015	468-87-330	NEW-P	81-03-050
463-42-350	REP-P	81-17-065	468-12-170	AMD-P	81-15-071	468-87-330	NEW	81-10-058
463-42-355	NEW-P	81-17-065	468-12-170	AMD	81-19-051	468-87-340	NEW-P	81-03-050
463-42-360	REP-P	81-17-065	468-14	REVIEW	81-09-040	468-87-340	NEW	81-10-058
463-42-365	NEW-P	81-17-065	468-18	REVIEW	81-07-015	468-87-350	NEW-P	81-03-050
463-42-370	REP-P	81-17-065	468-18-070	REP-P	81-11-036	468-87-350	NEW	81-10-058
463-42-375	NEW-P	81-17-065	468-18-070	REP	81-15-060	468-87-360	NEW-P	81-03-050
463-42-380	REP-P	81-17-065	468-30	REVIEW	81-09-040	468-87-360	NEW	81-10-058
463-42-385	NEW-P	81-17-065	468-30-090	REP-P	81-16-061	468-87-370	NEW-P	81-03-050
463-42-390	REP-P	81-17-065	468-30-090	REP	81-19-053	468-87-370	NEW	81-10-058
463-42-395	NEW-P	81-17-065	468-30-110	NEW-P	81-16-062	468-87-380	NEW-P	81-03-050
463-42-400	REP-P	81-17-065	468-30-110	NEW	81-19-052	468-87-380	NEW	81-10-058
463-42-405	NEW-P	81-17-065	468-34	REVIEW	81-09-040	468-87-390	NEW-P	81-03-050
463-42-410	REP-P	81-17-065	468-38	REVIEW	81-15-011	468-87-390	NEW	81-10-058
463-42-415	NEW-P	81-17-065	468-38-370	AMD-P	81-11-052	468-87-410	NEW-P	81-03-050
463-42-420	REP-P	81-17-065	468-38-370	AMD-E	81-11-054	468-87-410	NEW	81-10-058
463-42-425	NEW-P	81-17-065	468-38-370	AMD	81-15-098	468-87-420	NEW-P	81-03-050
463-42-430	REP-P	81-17-065	468-38-460	AMD-P	81-11-051	468-87-420	NEW	81-10-058
463-42-435	NEW-P	81-17-065	468-38-460	AMD-E	81-11-053	468-87-430	NEW-P	81-03-050
463-42-440	REP-P	81-17-065	468-38-460	AMD	81-15-097	468-87-430	NEW	81-10-058
463-42-445	NEW-P	81-17-065	468-42	REVIEW	81-15-011	468-87-440	NEW-P	81-03-050
463-42-450	REP-P	81-17-065	468-46	REVIEW	81-15-011	468-87-440	NEW	81-10-058
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