

WAC 173-400-100 Source classifications. (1) **Source classification list.** In counties without a local air pollution control authority, or for sources under the jurisdiction of ecology, the owner or operator of each source within the following source categories must register the source with ecology:

(a) Agricultural chemical facilities engaging in the manufacturing of liquid or dry fertilizers or pesticides;

(b) Agricultural drying and dehydrating operations;

(c) Any category of stationary source that includes an emissions unit subject to a new source performance standard (NSPS) under 40 C.F.R. Part 60 (in effect on the date in WAC 173-400-025), other than subpart AAA (Standards of Performance for New Residential Wood Heaters);

(d) Any stationary source that includes an emissions unit subject to a National Emission Standard for Hazardous Air Pollutants (NESHAP) under 40 C.F.R. Part 61 (in effect on the date in WAC 173-400-025), other than:

(i) Subpart M (National Emission Standard for Asbestos); or

(ii) Sources or emission units emitting only radionuclides, which are required to obtain a license under WAC 246-247-060, and are subject to 40 C.F.R. Part 61, subparts H and/or I, and that are not subject to any other part of 40 C.F.R. Parts 61, 62, or 63, or any other parts of this section.

(e) Any source, or emissions unit subject to a National Emission Standard for Hazardous Air Pollutants for Source Categories under 40 C.F.R. Part 63 (in effect on the date in WAC 173-400-025) that is not subject to chapter 173-401 WAC;

(f) Any source, stationary source or emission unit with an emission rate of one or more pollutants equal to or greater than an "emission threshold" defined in WAC 173-400-030;

(g) Asphalt and asphalt products production facilities;

(h) Brick and clay manufacturing plants, including tiles and ceramics;

(i) Casting facilities and foundries, ferrous and nonferrous;

(j) Cattle feedlots with operational facilities which have an inventory of one thousand or more cattle in operation between June 1st and October 1st, where vegetation forage growth is not sustained over the majority of the lot during the normal growing season;

(k) Chemical manufacturing plants;

(l) Composting operations, including commercial, industrial and municipal, but exempting residential composting activities;

(m) Concrete product manufacturers and ready mix and premix concrete plants;

(n) Crematoria or animal carcass incinerators;

(o) Dry cleaning plants;

(p) Materials handling and transfer facilities that generate fine particulate, which may include pneumatic conveying, cyclones, baghouses, and industrial housekeeping vacuuming systems that exhaust to the atmosphere;

(q) Flexible vinyl and urethane coating and printing operations;

(r) Grain, seed, animal feed, legume, and flour processing operations, and handling facilities;

(s) Hay cubers and pelletizers;

(t) Hazardous waste treatment and disposal facilities;

(u) Ink manufacturers;

(v) Insulation fiber manufacturers;

- (w) Landfills, active and inactive, including covers, gas collection systems or flares;
- (x) Metal plating and anodizing operations;
- (y) Metallic and nonmetallic mineral processing plants, including rock crushing plants;
- (z) Mills such as lumber, plywood, shake, shingle, woodchip, veneer operations, dry kilns, pulpwood insulating board, or any combination thereof;
- (aa) Mineralogical processing plants;
- (bb) Other metallurgical processing plants;
- (cc) Paper manufacturers;
- (dd) Petroleum refineries;
- (ee) Petroleum product blending operations;
- (ff) Plastics and fiberglass product fabrication facilities;
- (gg) Rendering plants;
- (hh) Soil and groundwater remediation projects;
- (ii) Surface coating manufacturers;
- (jj) Surface coating operations including: Automotive, metal, cans, pressure sensitive tape, labels, coils, wood, plastic, rubber, glass, paper and other substrates;
- (kk) Synthetic fiber production facilities;
- (ll) Synthetic organic chemical manufacturing industries;
- (mm) Tire recapping facilities;
- (nn) Wastewater treatment plants;
- (oo) Any source that has elected to opt-out of the operating permit program by limiting its potential-to-emit (synthetic minor) or is required to report periodically to demonstrate nonapplicability to EPA requirements under Sections 111 or 112 of Federal Clean Air Act.

(2) **Equipment classification list.** In counties without a local authority, the owner or operator of the following equipment must register the source with ecology:

- (a) Boilers, all solid and liquid fuel burning boilers with the exception of those utilized for residential heating;
- (b) Boilers, all gas fired boilers above 10 million British thermal units per hour input;
- (c) Chemical concentration evaporators;
- (d) Degreasers of the cold or vapor type in which more than five percent of the solvent is comprised of halogens or such aromatic hydrocarbons as benzene, ethylbenzene, toluene or xylene;
- (e) Ethylene oxide (ETO) sterilizers;
- (f) Flares utilized to combust any gaseous material;
- (g) Fuel burning equipment with a heat input of more than 1 million Btu per hour; except heating, air conditioning systems, or ventilating systems not designed to remove contaminants generated by or released from equipment;
- (h) Incinerators designed for a capacity of one hundred pounds per hour or more;
- (i) Ovens, burn-out and heat-treat;
- (j) Stationary internal combustion engines and turbines rated at five hundred horsepower or more;
- (k) Storage tanks for organic liquids associated with commercial or industrial facilities with capacities equal to or greater than 40,000 gallons;
- (l) Vapor collection systems within commercial or industrial facilities;
- (m) Waste oil burners above 0.5 mm Btu heat output;
- (n) Woodwaste incinerators;

(o) Commercial and industrial solid waste incineration units subject to WAC 173-400-050(4);

(p) Small municipal waste combustion units subject to WAC 173-400-050(5).

[Statutory Authority: Chapter 70.94 RCW, RCW 70.94.151, 70.94.153, and 70.94.892. WSR 18-22-006 (Order 16-09), § 173-400-100, filed 10/25/18, effective 11/25/18. Statutory Authority: RCW 70.94.152, 70.94.331, 70.94.860. WSR 16-12-099 (Order 16-01), § 173-400-100, filed 5/31/16, effective 7/1/16. Statutory Authority: RCW 70.94.152. WSR 05-03-033 (Order 03-07), § 173-400-100, filed 1/10/05, effective 2/10/05. Statutory Authority: Chapter 70.94 RCW, RCW 70.94.141, [70.94.]152, [70.94.]331, [70.94.]510 and 43.21A.080. WSR 01-17-062 (Order 99-06), § 173-400-100, filed 8/15/01, effective 9/15/01. Statutory Authority: Chapter 70.94 RCW. WSR 95-07-126 (Order 93-40), § 173-400-100, filed 3/22/95, effective 4/22/95; WSR 93-18-007 (Order 93-03), § 173-400-100, filed 8/20/93, effective 9/20/93; WSR 91-05-064 (Order 90-06), § 173-400-100, filed 2/19/91, effective 3/22/91. Statutory Authority: RCW 70.94.331, 70.94.395 and 70.94.510. WSR 85-06-046 (Order 84-48), § 173-400-100, filed 3/6/85. Statutory Authority: Chapters 43.21A and 70.94 RCW. WSR 83-09-036 (Order DE 83-13), § 173-400-100, filed 4/15/83. Statutory Authority: RCW 70.94.331. WSR 80-11-059 (Order DE 80-14), § 173-400-100, filed 8/20/80. Statutory Authority: RCW 43.21A.080 and 70.94.331. WSR 79-06-012 (Order DE 78-21), § 173-400-100, filed 5/8/79; Order DE 76-38, § 173-400-100, filed 12/21/76. Formerly WAC 18-04-100.]