WAC 296-24-24507 Inspection. (1) Inspection classification.

(a) Prior to initial use you must inspect all new and altered
derricks to insure compliance with the provisions of these standards.

(b) Inspection procedure for derricks in regular service is divi-
ded into two general classifications based upon the intervals at which
inspection should be performed. The intervals in turn are dependent
upon the nature of the critical components of the derrick and the de-
gree of their exposure to wear, deterioration, or malfunction. The two
general classifications are herein designated as frequent and periodic
with respective intervals between inspections as defined below:

   (i) Frequent inspection - Daily to monthly intervals.

   (ii) Periodic inspection - One- to 12-month intervals, or as
specified by the manufacturer.

(2) Frequent inspection. You must inspect items such as the fol-
lowing for defects at intervals as defined in (1)(b)(i) of this sec-
tion or as specifically indicated, including observation during opera-
tion for any defects which might appear between regular inspections.
You must carefully examine deficiencies for any safety hazard.

   (a) All control mechanisms: Inspect daily for adjustment, wear,
and lubrication.

   (b) All chords and lacing: Inspect daily, visually.

   (c) Tension in guys: Daily.

   (d) Plumb of the mast.

   (e) Deterioration or leakage in air or hydraulic systems: Daily.

   (f) Derrick hooks for deformations or cracks; for hooks with
cracks or having more than 15% in excess of normal throat opening or
more than 10° twist from the plane of the unbent hook, refer to WAC
296-24-24511 (3)(c).

   (g) Rope reeving; visual inspection for noncompliance with derr-
rick manufacturer's recommendations.

   (h) Hoist brakes, clutches, and operating levers: Check daily for
proper functioning before beginning operations.

   (i) Electrical apparatus for malfunctioning, signs of excessive
deterioration, dirt, and moisture accumulation.

(3) Periodic inspection.

(a) You must perform complete inspections of the derrick at in-
tervals as generally defined in (1)(b)(ii) of this section depending
upon its activity, severity of service, and environment, or as specif-
ically indicated below. These inspections must include the require-
ments of (2) of this section and in addition, items such as the fol-
lowing. You must carefully examine deficiencies and determine whether
they constitute a safety hazard:

   (i) Structural members for deformations, cracks, and corrosion.

   (ii) Bolts or rivets for tightness.

   (iii) Parts such as pins, bearings, shafts, gears, sheaves,
drums, rollers, locking and clamping devices, for wear, cracks, and
distortion.

   (iv) Gudgeon pin for cracks, wear, and distortion each time the
derrick is to be erected.

   (v) Power plants for proper performance and compliance with ap-
plicable safety requirements.

   (vi) Hooks: Magnetic particle or other suitable crack detecting
inspection should be performed at least once each year.

(b) Foundation or supports must be inspected for continued abili-
ty to sustain the imposed loads.

(4) Derricks not in regular use.
(a) You must inspect a derrick which has been idle for a period of one month or more, but less than 6 months, in conformance with requirements of (2) of this section and WAC 296-24-24513(2) before placing in service.

(b) You must completely inspect a derrick which has been idle for a period of over 6 months in conformance with requirements of (2) and (3) of this section and WAC 296-24-24513(3) before placing in service.

(c) Standby derricks must be inspected at least semiannually in accordance with requirements of (2) of this section and WAC 296-24-24513(3). Those exposed to adverse environment should be inspected more frequently.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 15-24-100, § 296-24-24507, filed 12/1/15, effective 1/5/16; Order 73-5, § 296-24-24507, filed 5/9/73 and Order 73-4, § 296-24-24507, filed 5/7/73.]