

**WAC 296-24-24511 Maintenance.** (1) **Preventive maintenance.** You must establish a preventive maintenance program based on the derrick manufacturer's recommendations.

(2) **Maintenance procedure.**

(a) Before adjustments and repairs are started on a derrick you must take the following precautions:

(i) You must arrange the derrick to be repaired so it will cause the least interference with other equipment and operations in the area.

(ii) You must engage all hoist drum dogs.

(iii) You must lock the main or emergency switch in the open position, if an electric hoist is used.

(iv) You must place warning or out of order signs on the derrick and hoist.

(v) You must make the repairs of booms or derricks either when the booms are lowered and adequately supported or safely tied off.

(vi) You must set up a good communication system between the hoist operator and the appointed individual in charge of the derrick operations before any work on the equipment is started.

(vii) Welding repairs must be approved by an appointed person.

(b) After adjustments and repairs have been made you must not operate the derrick until all guards have been reinstalled, safety devices reactivated, and maintenance equipment removed.

(3) **Adjustments and repairs.**

(a) You must correct any unsafe conditions disclosed by inspection before operation of the derrick is resumed.

(b) You must maintain adjustments to assure correct functioning of components.

(c) You must provide repairs or replacements promptly as needed for safe operation. The following are examples of conditions requiring prompt repair or replacement:

(i) Hooks showing defects described in WAC 296-24-24507 (2)(f) must be discarded.

(ii) All critical parts which are cracked, broken, bent, or excessively worn.

(iii) Pitted or burned electrical contacts should be corrected only by replacement and in sets. Controller parts should be lubricated as recommended by the manufacturer.

(iv) All replacement and repaired parts must have at least the original safety factor.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 15-24-100, § 296-24-24511, filed 12/1/15, effective 1/5/16; Order 73-5, § 296-24-24511, filed 5/9/73 and Order 73-4, § 296-24-24511, filed 5/7/73.]