

**WAC 296-24-24517 Handling the load. (1) Size of load.**

(a) You must not load any derrick beyond the rated load.

(b) When loads approach the maximum rating of the derrick, you must ascertain that the weight of the load has been determined within plus or minus 10% before it is lifted.

**(2) Attaching the load.**

(a) You must ensure that the hoist rope is not wrapped around the load.

(b) You must attach the load to the hook by means of slings or other suitable devices.

**(3) Moving the load.**

(a) You must secure the load well and properly balance it in the sling or lifting device before it is lifted more than a few inches.

(b) Before starting to hoist, you must note the following conditions:

(i) You must ensure that the hoist rope shall not be kinked.

(ii) You must ensure that multiple part lines are not twisted around each other.

(iii) You must bring the hook over the load in such a manner as to prevent swinging.

(iv) If there is a slack rope condition, you should be determine that the rope is properly seated on the drum and in the sheaves.

(c) During hoisting, you must take care that:

(i) There is no sudden acceleration or deceleration of the moving load.

(ii) Load does not contact any obstructions.

(d) You must not use a derrick for side loading except when specifically authorized by a responsible person who has determined that the various structural components will not be overstressed.

(e) You must not do any hoisting, lowering, or swinging while anyone is on the load or hook.

(f) The operator must avoid carrying loads over people.

(g) The operator must test the brakes each time a load approaching the rated load is handled by raising it a few inches and applying the brakes.

(h) You must not lower either the load or boom below the point where less than two full wraps of rope remain on their respective drums.

(i) When rotating a derrick, you must avoid sudden starts and stops. You must ensure that rotational speed is such that the load does not swing out beyond the radius at which it can be controlled.

(j) You must ensure that boom and hoisting rope systems are not twisted.

**(4) Holding the load.**

(a) You must not allow the operator to leave the control position while the load is suspended.

(b) You should not permit people to stand or pass under a load on the hook.

(c) If the load must remain suspended for any considerable length of time, you must use a dog, or pawl and ratchet, or other equivalent means, rather than the brake alone, to hold the load.

**(5) Use of winch heads.**

(a) You must not handle ropes on a winch head without the knowledge of the operator.

(b) While a winch head is being used, the operator must be within convenient reach of the power unit control lever.

(6) **Securing boom.** You must ensure that dogs, pawls, or other positive holding mechanism on the hoist are engaged. When not in use, you must:

(a) Lay the derrick boom down;

(b) Secure the derrick boom to a stationary member, as nearly under the head as possible, by attachment of a sling to the load block; or

(c) Hoist the derrick boom to a vertical position and secured to the mast.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 15-24-100, § 296-24-24517, filed 12/1/15, effective 1/5/16. Statutory Authority: Chapter 49.17 RCW. WSR 94-15-096 (Order 94-07), § 296-24-24517, filed 7/20/94, effective 9/20/94; Order 73-5, § 296-24-24517, filed 5/9/73 and Order 73-4, § 296-24-24517, filed 5/7/73.]