

**WAC 296-24-23521 Testing. (1) Operational tests.**

(a) Prior to initial use you must test all new and altered cranes to insure compliance with this section including the following functions:

- (i) Hoisting and lowering.
- (ii) Trolley travel.
- (iii) Bridge travel.
- (iv) Limit switches, locking and safety devices.

(b) You must determine the trip setting of hoist limit switches by tests with an empty hook traveling in increasing speeds up to the maximum speed. You must ensure that the actuating mechanism of the limit switch is located so that it will trip the switch, under all conditions, in sufficient time to prevent contact of the hook or hook block with any part of the trolley.

(2) **Rated load test.** Prior to initial use all new, extensively repaired, and altered cranes should be tested by or under the direction of an appointed or authorized person, confirming the load rating of the crane. The load rating should not be more than 80% of the maximum load sustained during the test. Test loads must not be more than 125% of the rated load unless otherwise recommended by the manufacturer. You must place the tests reports on file where readily available to appointed personnel.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 15-24-100, § 296-24-23521, filed 12/1/15, effective 1/5/16; Order 73-5, § 296-24-23521, filed 5/9/73 and Order 73-4, § 296-24-23521, filed 5/7/73.]