

WAC 296-155-53715 Mobile cranes—Operations. (1) Where applicable, if the load hoist mechanism is not equipped with an automatic brake and the load must remain suspended for any considerable length of time, the operator must hold the drum from rotating in the lowering direction by activating a manually operated brake. The boom hoist brakes must be set, and on rope boom support cranes, a braking mechanism and a ratchet and pawl, or other locking device, must be engaged to prevent inadvertent lowering of the boom.

(2) On wheel-mounted cranes, the operator must not lift loads over the front area, except as permitted by the crane manufacturer.

(3) Rolling outriggers. Mobile cranes using rolling outriggers must use load charts from the crane manufacturer or an RPE that specifically address this configuration. If the crane manufacturer does not address the use of rolling outriggers while some of the crane's weight is on its wheels, then the user must use the "on rubber" chart.

(4) While in transit, the employer must exercise the following additional precautions:

(a) The boom should be carried in line with the direction of motion.

(b) The employer must secure the superstructure against rotation (or the boom placed in a boom rack mounted on the carrier), except when negotiating turns when there is an operator in the cab or the boom is supported on a dolly.

(5) The operator must travel a crane/equipment with or without a load in the configuration recommended by the crane manufacturer. In the event a configuration is not specified, then the operator must not attempt travel with the boom so high that it may bounce back over the cab.

(6) When rotating the crane, the operator must avoid sudden starts and stops. Rotational speed must be such that the load does not swing out beyond the radius at which it can be controlled. The employer must use a tag or restraint line when rotation of the load is hazardous.

(7) The operator must not operate cranes without the ballast or counterweight being in place as specified by the crane manufacturer. Under specific conditions, such as during crane assembly or unusual boom configurations, the employer must adhere to the crane manufacturer's recommendations for the amount of ballast or counterweight.

(8) The employer must level the crane per the crane manufacturer's recommendation. In the event that these recommendations are not available the employer must follow an RPE's recommendation.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 25-16-089, s 296-155-53715, filed 8/5/25, effective 9/5/25. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 16-09-085, § 296-155-53715, filed 4/19/16, effective 5/20/16. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.440, 49.17.060, and 29 C.F.R. 1926, Subpart CC. WSR 12-01-086, § 296-155-53715, filed 12/20/11, effective 2/1/12.]