

WAC 296-155-53410 Safety devices. (1) **Safety devices.** The following safety devices are required on all cranes/derricks, except tower cranes and self-erecting tower cranes, covered by this part, unless otherwise specified. For requirements relating to operational aids and safety devices for tower cranes, see WAC 296-155-53900 (60) and (61), for self-erecting tower cranes see WAC 296-155-54100 (42) and (43).

(a) **Crane level indicator.**

(i) The crane must have a level indicator that is either built into the crane or is available on the crane.

(ii) If a built-in crane level indicator is not working properly, it must be tagged-out or removed. If a removable crane level indicator is not working properly, it must be removed.

(iii) This requirement does not apply to articulating cranes, portal cranes, derricks, floating cranes/derricks and land cranes/derricks on barges, pontoons, vessels or other means of flotation.

(b) Boom stops, except for derricks and hydraulic booms.

(c) Jib stops (if a jib is attached), except for derricks.

(d) Cranes with foot pedal brakes must have locks, except for portal cranes and floating cranes.

(e) Hydraulic outrigger jacks and hydraulic stabilizer jacks must have an integral holding device/check valve.

(f) Cranes on rails must have rail clamps and rail stops, except for portal cranes.

(g) Horn.

(i) The crane/derrick, as defined in ASME B30.5, must have a built-in horn or a removable horn that is available to the operator.

(ii) If a built-in horn is not working properly, it must be tagged-out or removed. If a removable horn is not working properly, it must be removed.

(2) **Proper operation required.** Operations must not begin unless the devices listed in this section are in proper working order. If a device stops working properly during operations, the operator must safely stop operations. If any of the devices listed in this section are not in proper working order, the equipment must be taken out of service and operations must not resume until the device is again working properly. Alternative measures are not permitted to be used.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 16-09-085, § 296-155-53410, 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, § 296-155-53410, filed 12/20/11, effective 2/1/12.]