

**WAC 296-155-52900 Scope.** (1) Except as provided in subsection (3) of this section, this part applies to the following:

(a) Power-operated cranes and derricks used in construction that can hoist, lower and horizontally move a suspended load (with or without attachments). Such equipment includes, but is not limited to: Articulating boom cranes (such as knuckle-boom cranes); crawler cranes; floating cranes; cranes on barges; locomotive cranes; mobile cranes (such as wheel-mounted, rough-terrain, all-terrain, commercial truck-mounted, and boom truck cranes); multipurpose machines when configured to hoist and lower (by means of a winch or hook) and horizontally move a suspended load; industrial cranes (such as carry-deck cranes); cranes being used as dedicated pile drivers; service/mechanic trucks with a hoisting device; a crane on a monorail; tower cranes (such as fixed jib ("hammerhead boom"), luffing boom and self-erecting); pedestal cranes; portal cranes; overhead/bridge and gantry cranes; straddle cranes; side-boom tractors; derricks; and variations of such equipment; and

(b) Personnel lifting with attached or suspended platforms using cranes or derricks (WAC 296-155-547).

(2) Attachments. This standard applies to equipment included in subsection (1) of this section when used with attachments. Such attachments, whether crane-attached or suspended include, but are not limited to:

- Hooks;
- Magnets;
- Grapples;
- Clamshell buckets;
- Orange peel buckets;
- Concrete buckets;
- Draglines;
- Personnel platforms;
- Augers or drills; and
- Pile driving equipment.

(3) The equipment listed below are exempted from WAC 296-155-531 and 296-155-532 (Crane certifier accreditation and crane certification) through 296-155-53300 (Operator qualifications and certification):

(a) Cranes having a maximum rated capacity of one ton or less. See WAC 296-155-53414 for additional requirements.

(b) Powered industrial trucks (forklifts) when configured to hoist and lower (by means of a winch or hook) and horizontally move a suspended load are exempted from WAC 296-155-532 (crane certification). Operators must also follow the requirements in chapter 296-863 WAC, Forklifts and other powered industrial trucks.

(c) Service cranes with booms that rotate manually.

(4) The equipment listed below are exempt from this part:

(a) Equipment included in subsection (1) of this section while it has been converted or adapted for nonhoisting/lifting use. Such conversions/adaptations include, but are not limited to, power shovels, excavators and concrete pumps.

(b) Power shovels, excavators, wheel loaders, backhoes, loader backhoes, track loaders. This machinery is also excluded when used with chains, slings or other rigging to lift suspended loads.

(c) Automotive wreckers and tow trucks when used to clear wrecks and haul vehicles.

(d) Equipment originally designed as vehicle-mounted aerial devices (for lifting personnel) and self-propelled elevating work platforms.

(e) Hydraulic jacking systems, including telescopic/hydraulic gantries.

(f) Stacker cranes.

(g) Mechanic's truck with a hoisting device when used in activities related to equipment maintenance and repair.

(h) Equipment that hoists by using a come-a-long or chainfall.

(i) Dedicated drilling rigs.

(j) Gin poles used for the erection of communication towers.

(k) Tree trimming and tree removal work.

(l) Anchor handling or dredge-related operations with a vessel or barge using an affixed A-frame.

(m) Roustabouts.

(n) Machines equipped with a boom that is limited to up and down movement only and does not rotate.

(o) Conveyors.

(p) Pump hoists with booms that do not rotate.

(q) Cranes and their operators used on-site in manufacturing facilities or powerhouses for occasional or routine maintenance and repair work.

(r) Helicopter cranes.

(s) Permanently installed overhead/bridge, gantry cranes, semi-gantry, cantilever gantry, wall cranes, storage bridge cranes, and others having the same fundamental characteristics.

(t) Digger derricks when used for activities that are covered under chapter 296-45 WAC, Safety standards for electrical workers, or chapter 296-32 WAC, Safety standards for telecommunications. Cranes other than digger derricks when used for activities that are covered under chapter 296-45 WAC, Safety standards for electrical workers, or chapter 296-32 WAC, Safety standards for telecommunications are **NOT** exempt.

(u) Powered industrial trucks (forklifts) except when configured to hoist and lower (by means of a winch or hook) and horizontally move a suspended load.

**Note:** Rigging requirements for material handling is located in Part F-1 of this chapter.

(5) Digger derricks that do not meet the exemption criteria in subsection (4) of this section must comply with WAC 296-155-531 (crane certifier accreditation and crane certification) through WAC 296-155-53300 (Operator qualifications and certification) 180 days after the effective date of this section.

(6) Where provisions of this standard direct an operator, crew-member, or other employee to take certain actions, you must establish, effectively communicate to the relevant persons, and enforce work rules, to ensure compliance with such provisions.

(7) Work covered by chapter 296-45 WAC, Safety standards for electrical workers is deemed in compliance with WAC 296-155-53408.

(8) WAC 296-155-53400 (35) through (39) does not apply to cranes designed for use on railroad tracks, when used on railroad tracks that are used as part of the general railroad system of transportation that is regulated pursuant to the Federal Railroad Administration under C.F.R. 49, Part 213, and that comply with applicable Federal Railroad Administration requirements. See WAC 296-155-53400(39).

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 16-09-085, § 296-155-52900, filed 4/19/16, effective 5/20/16. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060 and chapter 49.17 RCW, and 29 C.F.R. 1926, Subpart CC. WSR 13-02-068, § 296-155-52900, filed 12/31/12, effective 2/1/13. 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, § 296-155-52900, filed 12/20/11, effective 2/1/12. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 10-14-100, § 296-155-52900, filed 7/6/10, effective 9/1/10. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, 49.17.400, 49.17.410, 49.17.420, 49.17.430, and 49.17.440. WSR 08-22-080, § 296-155-52900, filed 11/4/08, effective 1/1/10.]