

**STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

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PROPOSED STATE STANDARD,
TITLE 8, DIVISION 1, CHAPTER 4

Crane & Derrick Consolidation Scope Subcommittee
1/21/2015 Subcommittee Consensus

Legend:

Editorial mods based on Sep 9-10, 2014 AC

Mods based on WAC 296-155-52900

Mods based on 1/21/2015 SC

Add new Section 4880 to read as follows:

§4880. Scope.

(a) The Orders in this Group shall apply to derricks, cranes, and boom-type excavators, but they shall not apply to aerial devices designed and used for positioning personnel (See Article 24). [relocated from §4884(a)]

(1) This standard applies to power operated equipment 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); multi-purpose machines when configured to **raise or lower by means of a hoist** 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 a fixed jib, i.e., “hammerhead boom”, luffing boom and self-erecting); pedestal cranes; portal cranes; overhead/bridge and gantry cranes; straddle cranes; side boom cranes; derricks; and variations of such equipment. However, items listed in subsection (c) of this section are excluded from the scope of this standard.

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(b) Attachments. This standard applies to equipment included in subsection (a) 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, drag lines, personnel platforms, augers or drills and pile driving equipment.

(c) Exclusions. Group 13 does not cover:

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

(2) Power shovels and excavators (except as prescribed by Article 94), wheel loaders, backhoes, loader backhoes, track loaders. This machinery is also excluded when used with chains, slings or other rigging to lift suspended loads.

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

(4) Digger derricks when used for augering holes for poles carrying electric and telecommunication lines, placing and removing the poles, and for handling associated materials to be installed on or removed from the poles.

(A) Digger derricks used in work subject to the Electrical Safety Orders shall comply with Section 2940.7 of those Safety Orders.

(B) Digger derricks used in construction work for telecommunication service (as defined in the Telecommunication Safety Orders) shall comply with those Safety Orders.

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

(6) Telescopic/hydraulic gantry systems.

(7) Stacker cranes.

(8) Powered industrial trucks (forklifts), except when configured to **raise or lower by means of a hoist** and horizontally move a suspended load.

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

(10) **Multi-purpose machines or industrial trucks (forklifts) hoisting by use of a come-along or chainfall.**

(11) Dedicated drilling rigs.

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

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

(14) Unpowered, rolling material lifts with hand-powered winches (roustabouts).

(15) Helicopter cranes.

(d) All sections of Group 13 apply to the equipment within the scope of this standard unless specified otherwise.

(e) For work covered by the High-Voltage Electrical Safety Orders, compliance with those Orders is deemed compliance with §5003.1 through §5003.4 and §5010.4.

(f) Section 4991.1 does not apply to cranes designed for use on railroad tracks, when used on railroad tracks that are part of the general railroad system of transportation that is regulated pursuant to the Federal Railroad Administration under 49 CFR part 213, and that comply with applicable Federal Railroad Administration requirements. See Exception to §4991.1.

Note: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.

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Add new definitions to Section 4885 as follows:

§4885. Definitions.

Multi-Purpose Machine. A machine, **other than a crane or derrick**, that is designed to be configured **and used** in various ways, at least one of which allows it to **raise or lower** by means of a hoist and horizontally move a suspended load.