Oregon plus OSHA FACT SHEET

Oregon OSHA's new crane standard for the construction industry

A timeline

Construction – Subdivision CC

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Website:

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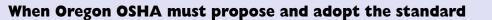
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- Oregon OSHA must propose Oregon-specific crane rules by Nov. 15, 2010.
- Oregon OSHA must adopt or have rules equally effective to Federal OSHA's Cranes and Derricks in Construction standard by Feb. 9, 2011.

When employers must comply with key requirements in the crane standard

Feb. 9, 2011

- Ground Conditions 1926.1402(b) Equipment must not be assembled or used unless ground conditions are firm, drained, and graded so that the equipment manufacturer's specifications for adequate support and degree of level are met.
- Assembly/Disassembly Director 1926.1404(a)(1) Assembly and disassembly must be directed by a person ("A/D director") who meets the criteria for a competent person and a qualified person, or by a competent person who is assisted by one or more qualified persons.
- Qualified Rigger 1926.1404(r)(1) When rigging is used for assembly and disassembly, the employer must ensure that the work is done by a qualified rigger in addition to the requirements in 1926.251, *Rigging equipment for material handling.*
- Keeping clear of the load 1926.1425 Materials must be rigged by a qualified rigger when employees are within the fall zone and engaged in hooking, unhooking, guiding, or in the initial connection of a load to a component or structure.
- Hazard assessments and precautions inside the work zone 1926.1408(a)(2) Before beginning equipment operations, the employer must determine if any part of the equipment, load line, or load (including rigging and lifting accessories) if operated up to the equipment's maximum working radius in the work zone could get closer than 20 feet to a power line.
- Inspections 1926.1412 Cranes must be inspected:
- ~ **Post-assembly**, by a qualified person to ensure that the crane is configured in accordance with the manufacturer's criteria
- Before each shift, by a competent person who must do a visual inspection during the shift or before the shift starts
- Each month equipment is in service, by a competent person; the items inspected, results of the inspection, inspection date, and the inspector's name and signature must be recorded and retained for three months
- Annually, by a competent person; the items inspected, results of the inspection, inspection date, and the inspector's name and signature must be recorded and retained for at least 12 months
- Wire rope inspection 1926.1413 Wire ropes must be inspected:
 - Before each shift, by a competent person who must do a visual inspection during the shift or before the shift starts
 - Monthly, by a competent person who must do a visual inspection during the shift or before the shift starts
 - Annually, by a qualified person of the wire ropes in use; the wire ropes inspected, results of the inspection, inspection date, and the inspector's name and signature must be recorded and retained for at least 12 months

Oregon OSHA's new crane standard for the construction industry: A timeline continued

- Safety devices 1926.1415 The following safety devices must be on all cranes:
 - ~ Crane level indicator
 - ~ Boom stops
 - ~ Jib stops if a jib is attached
 - ~ Locks on equipment that has foot pedal brakes
 - Integral holding or check valve on hydraulic outrigger jacks and hydraulic stabilizer jacks
 Horn that is built in or immediately available to the operator
- Operational aids 1926.1416 The following devices must be on all cranes:
 - ~ Boom hoist limiting device
 - ~ Luffing jib limiting device
 - ~ Anti two blocking device
 - ~ Boom angle or radius indicator
 - ~ Jib angle indicator if the equipment has a luffing jib
 - ~ Boom length indicator if the equipment has a telescopic boom
 - ~ Load weighing devices
- Signal person qualifications 1926.1428 Signal persons must meet the standard's qualification requirements [1926.1428(c)] by doing one of the following:
 - ~ Option 1: Have documentation from a third party qualified evaluator that shows the signal person meets the requirements
- ~ Option 2: Have the employer's qualified evaluator assesses the person and determine and document that the person meets the requirements
- Phase-in 1926.1427(k)(2)(i) and (ii) Crane operators must be competent to operate the equipment safely. Employees who do not have the required knowledge or ability to operate the equipment safely, must be trained by the employer before they operate the equipment.
- Overhead powerlines 1926.1430(a) Operators and crew members must be trained in the topics listed in 1926.1408(g).
- Signal persons 1926.1430(b) Employees assigned to work as signal persons who do not meet the standard's qualification requirements [1926.1428(c)] must be trained by the employer.
- Operators excepted from 1926.1427(a)(3) 1926.1430(c)(3) Operators of derricks, sideboom cranes, or equipment with a maximum manufacturer-rated hoisting/lifting capacity of 2,000 pounds or less must be trained on the safe operation of their equipment.

Nov. 10, 2014 ·

Operator qualification and certification – 1926.1427 Before operating any equipment crane operators must be qualified through a prequalification/certification training period or qualified by one of the following:

- An accredited crane operator testing organization
- An audited employer program
- The U.S. military
- A government entity

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