

May 25, 2004

Docket S-030
Ex. 66-3

1440 Definitions

NOTE: Definitions of all equipment listed in the scope section, i.e. overhead gantry crane, pedestal crane, crawler crane.

Define all operator aides & safety devices

- A/D Supervisor* means an individual who meets this standard's requirements for an A/D supervisor, irrespective of the person's formal job title or whether the person is non-management or management personnel.
- Alongside* means the part of the fall zone that is outside the area directly under the load.
- Assembly/disassembly* means assembly and disassembly (also referred to as erecting and dismantling) [Climbing of tower cranes is included in this definition]
- Attachments* means any device that expands the range of tasks that can be done by the equipment. These include, but are not limited to: an auger, drill, magnet, pile-driver, and personnel platform.
- Audible signal* means a signal made by a distinct sound or series of sounds. Examples include, but are not limited to, sounds made by a bell, horn, or whistle.
- Boatswain's chair* A single-point adjustable suspension scaffold consisting of a seat or sling (which may be incorporated into a full body harness) designed to support one employee in a sitting position.
- Boom*
- Boom stop* includes boom stops, (belly straps with struts/standoff), telescoping boom stops, attachment boom stops, and backstops. These devices restrict the boom from moving above a certain maximum angle and toppling over backward.
- Boom hoist limiting device* includes boom hoist disengaging device, boom hoist shut-off, boom hoist disconnect, boom hoist hydraulic relief, boom hoist kick-outs, automatic boom stop device, derricking limiter. This type of device disengages boom hoist power when the boom reaches a predetermined operating angle. It also sets brakes or closes valves to prevent the boom from lowering after power is disengaged.

<i>Boom length indicator</i>	indicates the length of the permanent part of the boom or, as in some computerized systems, the length of the boom with extensions/attachments.
<i>Blocking</i>	
<i>Calculate</i>	includes use of a calculator
<i>Certified welder</i>	
<i>Chainfall</i>	see come-a-long.
<i>Competent Person</i>	
<i>Controlling Entity</i>	
<i>Crane</i>	Whenever the term “crane” is used in this Subpart, “derrick” is included.
<i>Crew Leader</i>	A worker who is both a competent person and a qualified person, who oversees an erecting/dismantling operation.
<i>Crossover points</i>	
<i>Dedicated Channel</i>	A line of communication assigned by the employer who controls the communication system to only one signal person and crane/derrick or to a coordinated group of cranes/derricks/signal person(s).
<i>Dedicated pile-driver</i>	is a machine that is designed to function exclusively as a pile-driver. These machines typically have the ability to both hoist the material that will be pile-driven and to pile-drive that material.
<i>Dedicated spotter</i>	is a signal person who meets the requirements of 14XX (signal person requirements) and whose sole responsibility is to watch the separation between the power line and the crane, load line and load (including rigging and lifting accessories), and ensure through communication with the operator that the applicable minimum approach distance is not breached.
<i>Directly under the load</i>	means a part or all of an employee is directly beneath the load.

<i>Dismantling</i>	includes partial dismantling (such as dismantling to shorten a boom or substitute a different component.
<i>Electrical Contact</i>	
<i>Encroachment</i>	is where any part of the crane, load line or load (including rigging and lifting accessories) breaches a minimum clearance distance that this Subpart requires to be maintained from a power line.
<i>Equipment</i>	means equipment covered by this subpart.
<i>Equipment criteria</i>	means instructions, recommendations, limitations and specifications
<i>Fall protection equipment</i>	means guardrail systems, safety net systems, personal fall arrest systems, positioning device systems or fall restraint systems.
<i>Fall restraint system</i>	
<i>Fall zone</i>	means the area (including but not limited to the area directly beneath the load) in which it is reasonably foreseeable that partially or completely suspended materials could fall in the event of an accident.
<i>Flange points</i>	
<i>Floating cranes/derricks</i>	means equipment designed for, and permanently mounted on (or an otherwise permanent, integral part of): a barge, pontoons, vessel or other means of floatation.
<i>For example</i>	means “one example, although there are others”
<i>Hoist</i>	A mechanical device for lifting and lowering heavy loads usually by winding rope onto or off a drum.
<i>Hoisting</i>	The act of raising, lowering or otherwise moving a load in the air with equipment covered by this standard. As used in this standard, “hoisting” can be done by means other than wire rope/hoist drum equipment. in a vertical direction [through the use of some type of rope and sheave system] [?].
<i>Including</i>	means “including, but not limited to”

Insulating link

In-the-air assembly operations

Jib stop

also referred to as a jib backstop, is the same type of device as a boom stop, but is for a fixed or luffing jib.

Load

Marine hoisted personnel transfer device

a device, such as a "transfer net", that is designed to protect the employees being hoisted during a marine transfer and to facilitate rapid entry into and exit from the device. Such devices do not include boatswain's chairs when hoisted by equipment covered by this standard.

Marine worksite

a construction worksite located in, on or above the water.

Maximum intended load

Multi-purpose machine

means a machine that is designed to be configured in various ways, at least one of which allows it to hoist and lower (by means of a winch or hook) and horizontally move a suspended load. Examples include a machine that can rotate and can be configured with removable tongs (for use as a forklift) or with _____. When configured with the tongs, it is not covered by this Subpart. When configured with _____, it is covered by this Subpart.

~~Designed as a multi-functioning machine with a jib, hook or winch and has the ability to rotate. Including, but not limited to [give example] [this definition came from notes]~~

Nationally recognized accrediting agency

is an organization that, due to its independence and expertise, is widely recognized as competent to accredit testing organizations.

Operation

Operational aids

Operational Controls

levers, switches, pedals and other devices for controlling [crane] [equipment] operation

<i>Overhead and gantry cranes</i>	includes overhead/bridge cranes, semigantry, cantilever gantry, wall cranes, storage bridge cranes, launching gantry cranes, and similar equipment, irrespective of whether it travels on tracks, wheels, or other means.
<i>Paragraph</i>	refers to a paragraph in the same section of this Subpart that the word paragraph is used, unless otherwise specified.
<i>Pendants</i> <i>Personal fall arrest system</i>	includes both wire and bar types.
<i>Power lines</i>	electrical distribution and electrical transmission lines.
<i>Procedures</i>	include, but are not limited to: instructions, [diagrams],[recommendations], warnings, specifications, protocols and limitations
<i>Proximity alarm</i>	
<i>Readily Available</i>	
<i>Suspended</i>	
<i>Qualified Evaluator</i>	means an entity or person that has demonstrated that it is competent in accurately assessing whether individuals meet the Qualification Requirements in this Subpart for a signal person.
<i>Qualified Person</i>	means a person who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training and experience, successfully demonstrated the ability to solve/resolve problems relating to the subject matter, the work, or the project.
<i>Qualified Rigger</i>	is a rigger who meets the criteria for a qualified person.
<i>Range control warning device</i>	
<i>Repetitive pickup points</i>	
<i>Running wire rope</i>	

Safe Operation

<i>Section</i>	means a section of this Subpart unless otherwise specified.
<i>Similar equipment</i>	means equipment that has the same fundamental characteristics as examples listed, or that
<i>Standard</i>	means this Subpart unless otherwise specified
<i>Storage</i>	means that it is reasonably anticipated that the material will not be used within ___ hours (overnight hours included).
<i>Special hazard warnings</i>	means warnings of site-specific hazards (for example, proximity of power lines)
<i>Standard Methods</i>	means the protocols in Appendices for hand, voice and audible signals.
<i>Such as</i>	means “such as, but not limited to”
<i>Tilt up or tilt down operation</i>	raising/lowering a load from the horizontal to vertical or vertical to horizontal.
<i>Two blocking</i>	means a condition in which a component that is uppermost on the hoist line such as the load block, hook block, overhaul ball, or similar component, comes in contact with the boom tip, fixed upper block or similar component. This binds the system and continued application of power can cause failure of the hoist rope or other component.
<i>Unavailable procedures</i>	means procedures that are no longer available, or have never been available, from the manufacturer or have not been supplied by the manufacturer
<i>Up to</i>	means “up to and including”
<i>Verified</i>	
<i>Wire rope</i>	means wire rope or synthetic rope.