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§4884. Scope:

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(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).

(b) Hammerhead tower cranes manufactured on or before June 23, 1999:

(1) Hammerhead tower cranes manufactured prior to September 28, 1986, shall be designed, constructed, and installed in accordance with American National Standards Institute (ANSI) B30.3-1975, Hammerhead Tower Cranes, which is hereby incorporated by reference.

(2) Hammerhead tower cranes manufactured on September 28, 1986 through May 16, 1993, shall be designed, constructed, and installed in accordance with ANSI/American Society of Mechanical Engineers (ASME) B30.3-1984, Hammerhead Tower Cranes, which is hereby incorporated by reference.

(3) Hammerhead tower cranes manufactured after May 16, 1993 through June 23, 1999, shall be designed, constructed and installed in accordance with ASME B30.3-1990, Hammerhead Tower Cranes, which is hereby incorporated by reference. Note: See Section 4884(c)(1)(B) for standards pertaining to hammerhead tower cranes manufactured after June 23, 1999.

(c)(1)(A) Cranes and derricks manufactured on or after September 28, 1986, through June 23, 1999, shall be designed, constructed and installed in accordance with the following applicable American National Standards Institute (ANSI) and/or American Society of Mechanical Engineers (ASME) standards or those listed in subsection (c)(1)(B):

B30.2-1983, Overhead and Gantry Cranes (Top Running Bridge Multiple Girder)

B30.4-1981, Portal, Tower and Pillar Cranes

B30.5-1982, Crawler, Locomotive and Truck Cranes

B30.6-1977, Derricks

B30.7-1977, Base Mounted Drum Hoists

B30.8-1982, Floating Cranes and Floating Derricks

B30.11-1980, Monorails and Underhung Cranes

B30.13-1977, Controlled Mechanical Storage Cranes

B30.17-1980, Overhead and Gantry Cranes (Top Running Bridge, Overhead and Gantry Cranes (Top Running Bridge, Single Girder, Underhung Hoist)

(B) Cranes and derricks manufactured after June 23, 1999 shall be designed, constructed and installed in accordance with the following applicable American National Standards Institute (ANSI)/American Society of Mechanical Engineers (ASME) standards which are hereby incorporated by reference:

B30.2-1996, Overhead and Gantry Cranes (Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist)

B30.3-1996, Construction Tower Cranes (includes Hammerhead Tower Cranes)

B30.4-1996, Portal, Tower and Pedestal Cranes

B30.5-1994, Mobile and Locomotive Cranes

B30.6-1995, Derricks

B30.7-1994, Base Mounted Drum Hoists

B30.8-1993, Floating Cranes and Floating Derricks

B30.11-1993, Monorails and Underhung Cranes

B30.13-1996, Storage/Retrieval (S/R) Machines and Associated Equipment

B30.17-1992, Overhead and Gantry Cranes (Top Running Bridge, Single Girder, Underhung Hoist)

(2) Articulating boom cranes manufactured after May 16, 1993 shall conform to these regulations and be provided with a permanently attached metal label stating that the equipment has been designed and constructed in accordance with ASME/ANSI B30.22-1987, and B30.22a-1988 Addenda, Articulating Boom Cranes, herein incorporated by reference, or has been approved as required by the provisions of Section 3206 of these orders.

(d)(1) Except as provided in subsection (d)(2), all cranes and derricks manufactured prior to September 28, 1986, shall conform to this subsection and shall be designed, constructed and installed in accordance with the following applicable ANSI standards:

B30.2-1967, Overhead and Gantry Cranes

B30.4-1973, Portal, Tower, and Pillar Cranes

B30.5-1968, Crawler, Locomotive and Truck Cranes

B30.6-1969, Derricks

B30.15-1973, Mobile Hydraulic Cranes

Exception: Section 15-1.3.2(d) of B30.15-1973, Two-Blocking Damage Prevention Feature.

(2) Cranes manufactured prior to January 15, 1974, shall be modified to comply with applicable regulations in Group 13, Cranes and Other Hoisting Equipment of the General Industry Safety Orders, unless it can be shown during the process of certification that a crane cannot feasibly or economically be modified to comply with any one or more applicable requirements and the crane substantially complies with applicable Group 13 regulations and the ANSI or other design standard to which the crane was manufactured.

(e) Cranes and derricks which do not meet the applicable ANSI standards shall be designed, constructed and installed in accordance with the recommendations of a currently registered mechanical or civil engineer.

(f) Cranes and derricks shall be operated, tested, inspected and maintained in accordance with these Orders.

(g) All electrically powered cranes and derricks shall also comply with applicable electrical safety orders.

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

## HISTORY

1. Repealer of Group 13 (sections 4885-4953, 4955-4965) and new Group 13

(sections 4884-4890, 4895-4912, 4920-4947, 4949, 4951-4956, 4960-4964, 4970-4977, 4980-4986, 4990-5006, 5008, 5009, 5020-5028, 5031-5035) filed 12-8-72; effective thirtieth day thereafter (Register 72, No. 50). For prior history, see Register 72, No. 23.

2. Amendment filed 2-13-75; effective thirtieth day thereafter (Register 75, No. 7).

3. Amendment filed 8-29-86; effective thirtieth day thereafter (Register 86, No. 39).

4. New subsections (b) and (c)(2), repealer of subsection (d), subsection relettering, and amendment of newly designated subsections (c)(1) and (d) filed 4-16-93; operative 5-17-93 (Register 93, No. 16).

5. Amendment of subsection (c) and new subsection (c)(3) filed 12-12-94; operative 1-1-95 (Register 94, No. 50).

6. New subsection (d)(1) designator, amendment of newly designated subsection (d)(1), and new subsection (d)(2) filed 8-29-96; operative 9-28-96 (Register 96, No. 35).

7. Redesignation and amendment of former subsection (c)(1) to new subsection (c)(1)(A), new subsection (c)(1)(B) and repealer of subsection (c)(3) filed 5-24-99; operative 6-23-99 (Register 99, No. 22).

8. Amendment of subsections (b)-(d)(2) filed 1-3-2002; operative 2-2-2002  
(Register 2002, No. 1).

9. Amendment of subsection (b), new subsections (b)(1)-(3) and amendment of  
subsection (c)(1)(A)-(B) filed 10-10-2007; operative 11-9-2007 (Register  
2007, No. 41).