

## Occupational Safety and Health Admin., Labor

## § 1926.6

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1926.1091 .....	1218-0069
1926.1101 .....	1218-0134
1926.1103 .....	1218-0085
1926.1104 .....	1218-0084
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1926.1114 .....	1218-0088
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1926.1116 .....	1218-0081
1926.1117 .....	1218-0010
1926.1118 .....	1218-0104
1926.1126 .....	1218-0252
1926.1127 .....	1218-0186
1926.1128 .....	1218-0129
1926.1129 .....	1218-0128
1926.1144 .....	1218-0101
1926.1145 .....	1218-0126
1926.1147 .....	1218-0108
1926.1148 .....	1218-0145
1926.1402 .....	1218-0261
1926.1403 .....	1218-0261
1926.1404 .....	1218-0261
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1926.1407 .....	1218-0261
1926.1408 .....	1218-0261
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1926.1428 .....	1218-0261
1926.1431 .....	1218-0261
1926.1433 .....	1218-0261
1926.1434 .....	1218-0261
1926.1435 .....	1218-0261
1926.1436 .....	1218-0261
1926.1437 .....	1218-0261
1926.1441 .....	1218-0261

[61 FR 5509, Feb. 13, 1996, as amended at 63 FR 3814, Jan. 27, 1998; 63 FR 13340, Mar. 19, 1998; 63 FR 17094, Apr. 8, 1998; 64 FR 18810, Apr. 16, 1999; 71 FR 38086, July 5, 2006; 75 FR 68430, Nov. 8, 2010]

#### § 1926.6 Incorporation by reference.

(a) The standards of agencies of the U.S. Government, and organizations which are not agencies of the U.S. Government which are incorporated by reference in this part, have the same force and effect as other standards in this part. Only the mandatory provisions (*i.e.*, provisions containing the word “shall” or other mandatory language)

of standards incorporated by reference are adopted as standards under the Occupational Safety and Health Act. The locations where these standards may be examined are as follows:

(1) Offices of the Occupational Safety and Health Administration, U.S. Department of Labor, Frances Perkins Building, Washington, DC 20210.

(2) The Regional and Field Offices of the Occupational Safety and Health Administration, which are listed in the U.S. Government Manual.

(b) The materials listed in paragraphs (g) through (ff) of this section are incorporated by reference in the corresponding sections noted as they exist on the date of the approval, and a notice of any change in these materials will be published in the FEDERAL REGISTER. These incorporations by reference were approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51.

(c) Copies of standards listed in this section and issued by private standards organizations are available for purchase from the issuing organizations at the addresses or through the other contact information listed below for these private standards organizations. In addition, these standards are available for inspection at the National Archives and Records Administration (NARA). For information on the availability of these standards at NARA, telephone: 202-741-6030, or go to [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html). Also, the standards are available for inspection at any Regional Office of the Occupational Safety and Health Administration (OSHA), or at the OSHA Docket Office, U.S. Department of Labor, 200 Constitution Avenue, NW., Room N-2625, Washington, DC 20210; telephone: 202-693-2350 (TTY number: 877-889-5627).

(d) [Reserved.]

(e) [Reserved.]

(f) [Reserved.]

(g) The following material is available for purchase from the American Conference of Governmental Industrial Hygienists (ACGIH), 1330 Kemper Meadow Drive, Cincinnati, OH 45240; telephone: 513-742-6163; fax: 513-742-3355; e-mail: [mail@acgi.org](mailto:mail@acgi.org); Web site: <http://www.acgi.org>.

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## 29 CFR Ch. XVII (7–1–11 Edition)

(1) Threshold Limit Values of Airborne Contaminants for 1970, 1970, IBR approved for § 1926.55(a) and appendix A of § 1926.55.

(h) The following material is available for purchase from the American National Standards Institute (ANSI), 25 West 43rd Street, Fourth Floor, New York, NY 10036; telephone: 212-642-4900; fax: 212-302-1286; e-mail: [info@ansi.org](mailto:info@ansi.org); Web site: <http://www.ansi.org/>.

(1) ANSI A10.3–1970, Safety Requirements for Explosive-Actuated Fastening Tools, IBR approved for § 1926.302(e).

(2) ANSI A10.4–1963, Safety Requirements for Workmen's Hoists, IBR approved for § 1926.552(c).

(3) ANSI A10.5–1969, Safety Requirements for Material Hoists, IBR approved for § 1926.552(b).

(4) ANSI A11.1–1965 (R1970), Practice for Industrial Lighting, IBR approved for § 1926.56(b).

(5) ANSI A17.1–1965, Elevators, Dumbwaiters, Escalators, and Moving Walks, IBR approved for § 1926.552(d).

(6) ANSI A17.1a–1967, Elevators, Dumbwaiters, Escalators, and Moving Walks Supplement, IBR approved for § 1926.552(d).

(7) ANSI A17.1b–1968, Elevators, Dumbwaiters, Escalators, and Moving Walks Supplement, IBR approved for § 1926.552(d).

(8) ANSI A17.1c–1969, Elevators, Dumbwaiters, Escalators, and Moving Walks Supplement, IBR approved for § 1926.552(d).

(9) ANSI A17.1d–1970, Elevators, Dumbwaiters, Escalators, and Moving Walks Supplement, IBR approved for § 1926.552(d).

(10) ANSI A17.2–1960, Practice for the Inspection of Elevators (Inspector's Manual), IBR approved for § 1926.552(d).

(11) ANSI A17.2a–1965, Practice for the Inspection of Elevators (Inspector's Manual) Supplement, IBR approved for § 1926.552(d).

(12) ANSI A17.2b–1967, Practice for the Inspection of Elevators (Inspector's Manual) Supplement, IBR approved for § 1926.552(d).

(13) ANSI A92.2–1969, Vehicle Mounted Elevating and Rotating Work Platforms, IBR approved for §§ 1926.453(a) and 1926.453(b).

(14) ANSI B7.1–1970, Safety Code for the Use, Care, and Protection of Abrasive Wheels, IBR approved for §§ 1926.57(g), 1926.303(b), 1926.303(c), and 1926.303(d).

(15) ANSI B20.1–1957, Safety Code for Conveyors, Cableways, and Related Equipment, IBR approved for § 1926.555(a).

(16) ANSI B56.1–1969, Safety Standards for Powered Industrial Trucks, IBR approved for § 1926.602(c).

(17) ANSI J6.1–1950 (R1971), Rubber Insulating Line Hose, IBR approved for § 1926.951(a).

(18) ANSI J6.2–1950 (R1971), Rubber Insulating Hoods, IBR approved for § 1926.951(a).

(19) ANSI J6.4–1971, Rubber Insulating Blankets, IBR approved for § 1926.951(a).

(20) ANSI J6.5–1971, Rubber Insulating Sleeves, IBR approved for § 1926.951(a).

(21) ANSI J6.6–1971, Rubber Insulating Gloves, IBR approved for § 1926.951(a).

(22) ANSI J6.7–1935 (R1971), Rubber Matting for Use Around Electric Apparatus, IBR approved for § 1926.951(a).

(23) ANSI O1.1–1961, Safety Code for Woodworking Machinery, IBR approved for § 1926.304(f).

(24) ANSI Z35.1–1968, Specifications for Accident Prevention Signs, IBR approved for § 1926.200(i).

(25) ANSI Z35.2–1968, Specifications for Accident Prevention Tags, IBR approved for § 1926.200(i).

(26) ANSI Z49.1–1967, Safety in Welding and Cutting, IBR approved for § 1926.350(j).

(27) ANSI Z87.1–1968, Practice for Occupational and Educational Eye and Face Protection, IBR approved for § 1926.102(a).

(28) ANSI Z89.1–1969, Safety Requirements for Industrial Head Protection, IBR approved for § 1926.100(b).

(29) ANSI Z89.2–1971, Industrial Protective Helmets for Electrical Workers, Class B, IBR approved for §§ 1926.100(c) and 1926.951(a).

(i) [Reserved.]

(j) The following material is available for purchase from the American Society for Testing and Materials (ASTM), ASTM International, 100 Barr Harbor Drive, PO Box C700, West

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Conshohocken, PA, 19428-2959; telephone: 610-832-9585; fax: 610-832-9555; e-mail: [service@astm.org](mailto:service@astm.org); Web site: <http://www.astm.org/>:

(1) ASTM A370-1968, Methods and Definitions for Mechanical Testing and Steel Products, IBR approved for § 1926.1001(f).

(2) ASTM B117-1964, 50 Hour Test, IBR approved for § 1926.959(a).

(3) ASTM D56-1969, Standard Method of Test for Flash Point by the Tag Closed Tester, IBR approved for § 1926.155(i).

(4) ASTM D93-1969, Standard Method of Test for Flash Point by the Pensky Martens Closed Tester, IBR approved for § 1926.155(i).

(5) ASTM D323-1958 (R1968), Standard Method of Test for Vapor Pressure of Petroleum Products (Reid Method), IBR approved for § 1926.155(m).

(k) The following material is available for purchase from the American Society of Agricultural and Biological Engineers (ASABE), 2950 Niles Road, St. Joseph, MI 49085; telephone: 269-429-0300; fax: 269-429-3852; e-mail: [hq@asabe.org](mailto:hq@asabe.org); Web site: <http://www.asabe.org/>:

(1) ASAE R313.1-1971, Soil Cone Penetrometer, reaffirmed 1975, IBR approved for § 1926.1002(e).

(l) The following material is available for purchase from the American Society of Mechanical Engineers (ASME), Three Park Avenue, New York, NY 10016; telephone: 1-800-843-2763; fax: 973-882-1717; e-mail: [infocentral@asme.org](mailto:infocentral@asme.org); Web site: <http://www.asme.org/>:

(1) ASME B30.2-2005, Overhead and Gantry Cranes (Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist), issued Dec. 30, 2005 ("ASME B30.2-2005"), IBR approved for § 1926.1438(b).

(2) ASME B30.5-2004, Mobile and Locomotive Cranes, issued Sept. 27, 2004 ("ASME B30.5-2004"), IBR approved for §§ 1926.1414(b); 1926.1414(e); 1926.1433(b).

(3) ASME B30.7-2001, Base-Mounted Drum Hoists, issued Jan. 21, 2002 ("ASME B30.7-2001"), IBR approved for § 1926.1436(e).

(4) ASME B30.14-2004, Side Boom Tractors, issued Sept. 20, 2004 ("ASME B30.14-2004"), IBR approved for § 1926.1440(c).

(5) ASME Boiler and Pressure Vessel Code, Section VIII, 1968, IBR approved for §§ 1926.152(i), 1926.306(a), and 1926.603(a).

(6) ASME Power Boilers, Section I, 1968, IBR approved for § 1926.603(a).

(m) The following material is available for purchase from the American Welding Society (AWS), 550 N.W. LeJeune Road, Miami, Florida 33126; telephone: 1-800-443-9353; Web site: <http://www.aws.org/>:

(1) AWS D1.1/D1.1M:2002, Structural Welding Code—Steel, 18th ed., ANSI approved Aug. 31, 2001 ("AWS D1.1/D1.1M:2002"), IBR approved for § 1926.1436(c).

(2) ANSI/AWS D14.3-94, Specification for Welding Earthmoving and Construction Equipment, ANSI approved Jun. 11, 1993 ("ANSI/AWS D14.3-94"), IBR approved for § 1926.1436(c).

(n) The following material is available for purchase from the British Standards Institution (BSI), 389 Chiswick High Road, London, W4 4AL, United Kingdom; telephone: +44 20 8996 9001; fax: +44 20 8996 7001; e-mail: [cservices@bsigroup.com](mailto:cservices@bsigroup.com); Web site: <http://www.bsigroup.com/>:

(1) BS EN 13000:2004, Cranes—Mobile Cranes, published Jan. 4, 2006 ("BS EN 13000:2004"), IBR approved for § 1926.1433(c).

(2) BS EN 14439:2006, Cranes—Safety—Tower Cranes, published Jan. 31, 2007 ("BS EN 14439:2006"), IBR approved for § 1926.1433(c).

(o) The following material is available for purchase from the Bureau of Reclamation, United States Department of the Interior, 1849 C Street, NW., Washington DC 20240; telephone: 202-208-4501; Web site: <http://www.usbr.gov/>:

(1) Safety and Health Regulations for Construction, Part II, Sept. 1971, IBR approved for § 1926.1000(f).

(p) The following material is available for purchase from the California Department of Industrial Relations, 455 Golden Gate Avenue, San Francisco CA 94102; telephone: (415) 703-5070; e-mail: [info@dir.ca.gov](mailto:info@dir.ca.gov); Web site: <http://www.dir.ca.gov/>:

(1) Construction Safety Orders, IBR approved for § 1926.1000(f).

(q) [Reserved.]

(r) [Reserved.]

(s) [*Reserved.*]

(t) [*Reserved.*]

(u) The following material is available for purchase from the Federal Highway Administration, United States Department of Transportation, 1200 New Jersey Ave., SE., Washington, DC 20590; telephone: 202-366-4000; Web site: <http://www.fhwa.dot.gov/>:

(1) Manual on Uniform Traffic Control Devices, Millennium Edition, Dec. 2000, IBR approved for §§1926.200(g), 1926.201(a), and 1926.202.

(v) The following material is available for purchase from the General Services Administration (GSA), 1800 F Street, NW., Washington, DC 20405; telephone: (202) 501-0800; Web site: <http://www.gsa.gov/>:

(1) QQ-P-416, Federal Specification Plating Cadmium (Electrodeposited), IBR approved for §1926.104(e).

(w) The following material is available for purchase from the Institute of Makers of Explosives (IME), 1120 19th Street, NW., Suite 310, Washington, DC 20036; telephone: 202-429-9280; fax: 202-429-9280; e-mail: [info@ime.org](mailto:info@ime.org); Web site: <http://www.ime.org/>:

(1) IME Pub. No. 2, American Table of Distances for Storage of Explosives, Jun. 5, 1964, IBR approved for §1926.914(a).

(2) IME Pub. No. 20, Radio Frequency Energy—A Potential Hazard in the Use of Electric Blasting Caps, Mar. 1968, IBR approved for §1926.900(k).

(x) The following material is available for purchase from the International Organization for Standardization (ISO), 1, ch. de la Voie-Creuse, Case postale 56, CH-1211 Geneva 20, Switzerland; telephone: +41 22 749 01 11; fax: +41 22 733 34 30; Web site: <http://www.iso.org/>:

(1) ISO 11660-1:2008(E), Cranes—Access, guards and restraints—Part 1: General, 2d ed., Feb. 15, 2008 (“ISO 11660-1:2008(E)”), IBR approved for §1926.1423(c).

(2) ISO 11660-2:1994(E), Cranes—Access, guards and restraints—Part 2: Mobile cranes, 1994 (“ISO 11660-2:1994(E)”), IBR approved for §1926.1423(c).

(3) ISO 11660-3:2008(E), Cranes—Access, guards and restraints—Part 3: Tower cranes, 2d ed., Feb. 15, 2008 (“ISO 11660-3:2008(E)”), IBR approved for §1926.1423(c).

(y) The following material is available for purchase from the National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, MA 02169; telephone: 617-770-3000; fax: 617-770-0700; Web site: <http://www.nfpa.org/>:

(1) NFPA 10A-1970, Maintenance and Use of Portable Fire Extinguishers, IBR approved for §1926.150(c).

(2) NFPA 13-1969, Standard for the Installation of Sprinkler Systems, IBR approved for §1926.152(d).

(3) NFPA 30-1969, The Flammable and Combustible Liquids Code, IBR approved for §1926.152(c).

(4) NFPA 80-1970, Standard for Fire Doors and Windows, Class E or F Openings, IBR approved for §1926.152(b).

(5) NFPA 251-1969, Standard Methods of Fire Test of Building Construction and Material, IBR approved for §§1926.152(b) and 1926.155(f).

(6) NFPA 385-1966, Standard for Tank Vehicles for Flammable and Combustible Liquids, IBR approved for §1926.152(g).

(z) [*Reserved.*]

(aa) The following material is available for purchase from the Power Crane and Shovel Association (PCSA), 6737 W. Washington Street, Suite 2400, Milwaukee, WI 53214; telephone: 1-800-369-2310; fax: 414-272-1170; Web site: <http://www.aem.org/CBC/ProdSpec/PCSA/>:

(1) PCSA Std. No. 1, Mobile Crane and Excavator Standards, 1968, IBR approved for §1926.602(b).

(2) PCSA Std. No. 2, Mobile Hydraulic Crane Standards, 1968 (“PCSA Std. No. 2 (1968)”), IBR approved for §§1926.602(b), 1926.1433(a), and 1926.1501(a).

(3) PCSA Std. No. 3, Mobile Hydraulic Excavator Standards, 1969, IBR approved for §1926.602(b).

(bb) [*Reserved.*]

(cc) [*Reserved.*]

(dd) The following material is available for purchase from the Society of Automotive Engineers (SAE), 400 Commonwealth Drive, Warrendale, PA 15096; telephone: 1-877-606-7323; fax: 724-776-0790; Web site: <http://www.sae.org/>:

(1) SAE 1970 Handbook, IBR approved for §1926.602(b).

(2) SAE 1971 Handbook, IBR approved for §1926.1001(h).

(3) SAE J166-1971, Trucks and Wagons, IBR approved for §1926.602(a).

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(4) SAE J168–1970, Protective Enclosures—Test Procedures and Performance Requirements, IBR approved for § 1926.1002(a).

(5) SAE J185 (reaf. May 2003), Access Systems for Off-Road Machines, reaffirmed May 2003 (“SAE J185 (May 1993)”), IBR approved for § 1926.1423(c).

(6) SAE J236–1971, Self-Propelled Graders, IBR approved for § 1926.602(a).

(7) SAE J237–1971, Front End Loaders and Dozers, IBR approved for § 126.602(a).

(8) SAE J319b–1971, Self-Propelled Scrapers, IBR approved for § 1926.602(a).

(9) SAE J320a–1971, Minimum Performance Criteria for Roll-Over Protective Structure for Rubber-Tired, Self-Propelled Scrapers, IBR approved for § 1926.1001(h).

(10) SAE J321a–1970, Fenders for Pneumatic-Tired Earthmoving Haulage Equipment, IBR approved for § 1926.602(a).

(11) SAE J333a–1970, Operator Protection for Agricultural and Light Industrial Tractors, IBR approved for § 1926.602(a).

(11) SAE J386–1969, Seat Belts for Construction Equipment, IBR approved for § 1926.602(a).

(12) SAE J394–1971, Minimum Performance Criteria for Roll-Over Protective Structure for Rubber-Tired Front End Loaders and Rubber-Tired Dozers, IBR approved for § 1926.1001(h).

(13) SAE J395–1971, Minimum Performance Criteria for Roll-Over Protective Structure for Crawler Tractors and Crawler-Type Loaders, IBR approved for § 1926.1001(h).

(14) SAE J396–1971, Minimum Performance Criteria for Roll-Over Protective Structure for Motor Graders, IBR approved for § 1926.1001(h).

(15) SAE J397–1969, Critical Zone Characteristics and Dimensions for Operators of Construction and Industrial Machinery, IBR approved for § 1926.1001(f).

(16) SAE J743a–1964, Tractor Mounted Side Boom, 1964 (“SAE J743a–1964”), IBR approved for § 1926.1501(a).

(17) SAE J959–1966, Lifting Crane Wire-Rope Strength Factors, 1966 (“SAE J959–1966”), IBR approved for § 1926.1501(a).

(18) SAE J987 (rev. Jun. 2003), Lattice Boom Cranes—Method of Test, revised

Jun. 2003 (“SAE J987 (Jun. 2003)”), IBR approved for § 1926.1433(c).

(19) SAE J1063 (rev. Nov. 1993), Cantilevered Boom Crane Structures—Method of Test, revised Nov. 1993 (“SAE J1063 (Nov. 1993)”), IBR approved for § 1926.1433(c).

(ee) The following material is available for purchase from the United States Army Corps of Engineers, 441 G Street, NW., Washington, DC 20314; telephone: 202-761-0011; e-mail: [hq-publicaffairs@usace.army.mil](mailto:hq-publicaffairs@usace.army.mil); Web site: <http://www.usace.army.mil/>:

(1) EM-385-1-1, General Safety Requirements, Mar. 1967, IBR approved for § 1926.1000(f).

(ff) The following material is available for purchase from standards resellers such as the Document Center Inc., 111 Industrial Road, Suite 9, Belmont, CA 94002; telephone: 650-591-7600; fax: 650-591-7617; e-mail: [info@document-center.com](mailto:info@document-center.com); Web site: <http://www.document-center.com/>:

(1) ANSI B15.1–1953 (R1958), Safety Code for Mechanical Power-Transmission Apparatus, revised 1958, IBR approved for §§ 1926.300(b)(2) and 1926.1501(a).

(2) ANSI B30.2.0–1967, Safety Code for Overhead and Gantry Cranes, approved May 4, 1967, IBR approved for § 1926.1501(d).

(3) ANSI B30.5–1968, Crawler, Locomotive, and Truck Cranes, approved Dec. 16, 1968, IBR approved for §§ 1926.1433(a), 1926.1501(a), and 1926.1501(b).

(4) ANSI B30.6–1969, Safety Code for Derricks, approved Dec. 18, 1967, IBR approved for § 1926.1501(e).

[75 FR 48130, Aug. 9, 2010]

### Subpart B—General Interpretations

AUTHORITY: Sec. 107, Contract Work Hours and Safety Standards Act (Construction Safety Act) (40 U.S.C. 333).

#### § 1926.10 Scope of subpart.

(a) This subpart contains the general rules of the Secretary of Labor interpreting and applying the construction safety and health provisions of section 107 of the Contract Work Hours and