

21.0 REFERENCES AND BIBLIOGRAPHY

21.1 REFERENCES

NOTE: References listed in this section are cited in the document text.

10 CFR, “Energy,” *Code of Federal Regulations*, Washington, D.C.:

710, *Criteria and Procedures for Determining Eligibility for Access to Classified Matter or Special Nuclear Material*

14 CFR, “Aeronautics and Space,” *Code of Federal Regulations*, Washington, D.C.:

77, *Objects Affecting Navigable Airspace*

29 CFR, “Labor,” *Code of Federal Regulations*, Washington, D.C.:

1910, *Occupational Safety and Health Administration*

- 1910.27, “Fixed Ladders”
- 1910.178, “Powered Industrial Trucks”
- 1910.179, “Overhead and Gantry Cranes”
- 1910.180, “Crawler Locomotive and Truck Cranes”
- 1910.184, “Slings”

1926, *Safety and Health Regulations for Construction*

- 1926.106, “Working Over or Near Water”
- 1926.251, “Rigging Equipment for Material Handling”
- 1926.550, “Cranes and Derricks.”

49 CFR, “Federal Motor Carrier Safety Regulations and Regulatory Guidance,” *Code of Federal Regulations*, Washington, D.C.

- 40, “Procedures for Transportation Workplace Drug Testing Programs”
- 383.5, “Definitions”
- 391, subpart E, “Physical Qualification and Examination.”

ANSI, American National Standards Institute, New York, New York:

10.28, *Safety Requirements for Work Platforms Suspended from Cranes or Derricks for Construction and Demolition Operations.*

MH27.1, *Specifications for Underhung Cranes and Monorail Systems*

N14.6, *American National Standard for Radioactive Materials - Special Lifting Devices for Shipping Containers Weighing 10,000 Pounds (4500 kg) or More*

Z241.2, *Safety Requirements for Melting and Pouring of Metals in the Metalcasting Industry*

ANSI/ASME, American National Standards Institute/American Society of Mechanical Engineers, New York, New York:

A12.1, *Safety Code for Floor and Wall Openings, Railings, and Toeboards*

B18.15, *Forged Eyebolt.*

ASME, American Society of Mechanical Engineers, New York, New York:

B30.2, *Overhead and Gantry Cranes Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist*

B30.5, *Mobile and Locomotive Cranes*

B30.9, *Slings*

B30.10, *Hooks*

B30.11, *Monorails and Underhung Cranes*

B30.16, *Overhead Hoists (Underhung)*

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

B30.20, *Below-the-Hook Lifting Devices*

B30.21, *Manually Lever Operated Hoists*

B30.23, *Personnel Lifting Systems*

- B56.1, *Safety Standard for Low Lift and High Lift Trucks*

7.5, "Nameplates and Markings"

7.25, "Forks"

7.35, "Platforms"

- B56.6, *Safety Standard for Rough Terrain Forklift Trucks*

- PALD-1997, *Portable Automotive Lifting Devices*, part 12, "Shop Cranes."

ANSI/AWS, American National Standards Institute, New York, New York/American Welding Society, Miami, Florida:

D1.1, *Structural Welding Code – Steel*

D1.2, *Structural Welding Code – Aluminum*

D14.1, *Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment*

ASTM, American Society of Testing and Materials, Washington, D.C.:

- A148/A148M, *Standard Specification for Steel Castings, High Strength, For Structural Purposes*
- A391/A391M, *Standard Specification for Grade 80 for Alloy Steel Chain*
- A489, *Standard Specification for Carbon Steel Eyebolts*
- E165, *Standard Practice for Liquid Penetrant Inspection Method*
- E790, *Standard Practice for Magnetic Particle Examination*
- F541, *Standard Specifications for Alloy Steel Eyebolts*

CMAA, Crane Manufacturer's Association of America, Charlotte, North Carolina:

70, *Specifications for Top Running Bridge & Gantry Type Multiple Girder Electric Overhead Traveling Cranes*

74, *Specifications for Top Running & Under Running Single Girder Electric Overhead Traveling Cranes Utilizing Under Running Trolley Hoist.*

DOE-HDBK-1205-97, *Guide to Good Practices for Design Development and Implementation*, U.S. Department of Energy, Washington, D.C.

DOE-HDBK-1206-98, *Guide to Good Practices for on-the-Job Training*, U.S. Department of Energy, Washington, D.C.

DOE Order 5480.4, *Environmental Protection, Safety, and Health Protection Standards*, U.S. Department of Energy, Washington, D.C.

DOE Order 5480.20A, *Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities*, U.S. Department of Energy, Washington, D.C.

Federal Specification, Defense Printing Department, Philadelphia, Pennsylvania:

- FF-T-791, *Turnbuckle*
- MIL-S-24214, *Shackles, Steel, General Purpose, and High Strength*
- RR-C-271, *Chains and Attachments, Welded and Weldless.*

FRAM, *Functions, Responsibilities and Authorities Manual*, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

NEMA, *Enclosures for Industrial Control and Systems*, ICS-6, National Electrical Manufacturers Association, Rosslyn, Virginia.

NFPA, National Fire Protection Agency, New York, New York:

505, *Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operation*

70, *National Electrical Code*

Article 610, “Cranes and Hoists”

SAE J765, *Crane Load Stability Test Code*, Society of Automotive Engineers, Warrendale, Pennsylvania.

21.2 BIBLIOGRAPHY

NOTE: References that are listed in this section are not cited in the document text, but include sections that relate to topics in this document.

29 CFR, “Labor,” *Code of Federal Regulations*, Washington, D.C.:

- 1910, *Occupational Safety and Health Standards*
 - 1910.181, “Derricks”
 - 1910.183, “Helicopters.”
- 1926, *Safety and Health Regulations for Construction*
 - 1926.106, “Working.”

ANSI, American National Standards Institute, New York, New York:

- A1264.1, *Safety Requirements for Workplace Floor and Wall Openings, Stairs and Railing Systems*
- N14.6, *For Radioactive Materials Special Lifting Devices for Shipping Containers Weighing 10,000 Pounds (4,500 kg) or More.*

ASME, American Society of Mechanical Engineers, New York, New York:

- B22, *Articulating Boom Cranes*
- B56.10, *Manually Propelled High Lift Industrial Trucks*
- NOG-1, *Rules for Construction of Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder)*
- NUM-1, *Rules for Construction of Cranes, Monorails, and Hoist (with bridge or trolley or hoist of the underhung type).*

The Crosby General Catalog, The Crosby Group, Inc., Tulsa, Oklahoma.

CSAO, Construction Safety Association of Ontario, Toronto, Ontario, Canada:

- *Mobile Crane Manual.*
- *Rigging Manual.*

Federal Specification, Defense Printing Department, Philadelphia, Pennsylvania:

- RR-W-410D, *Wire Rope and Strand*.

UL, Underwriters Laboratories, New York, New York:

- 558, *Standard for Safety Industrial Trucks, Internal Combustion Engine-Powered*
- 583, *Standard for Safety Electric-Battery-Powered Industrial Trucks*.

WAC 296, "Labor and Industries, Dept. of," *Washington Administrative Code*, Olympia, Washington:

- 296-24, *General Safety and Health Standards*
- 296-24-240, *Crawler Locomotive and Truck Cranes*
- 296-155-525, *Cranes and Derricks*
- Part D, *Materials Handling and Storage, Including Cranes, Derricks, etc., and Rigging*
- Part L, *Cranes, Derricks, Hoists, Elevators, and Conveyors*.

WRTB, Wire Rope Technical Board, Granbury, Texas:

- *Wire Rope Sling Users Manual*, 1990.
- *Wire Rope Users Manual*, 3rd Edition, 1993.