

## CHAPTER 17

# REFERENCES

### American Institute of Steel Construction

AISC Specifications for the design, fabrication, and erection of structural steel for buildings.

### American Iron and Steel Institute

AISI Standards for Type-302 or Type-304 stainless steel.

### American National Standards Institute and the American Society of Mechanical Engineers

ANSI A10.28, Work Platforms Suspended From Cranes or Derricks.

ANSI A10.18, Floor and Wall Openings, Railings and Toe Boards.

ASME B30.1, Jacks

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

ASME B30.5, Mobile and Locomotive Cranes.

ASME B30.6, Derricks.

ASME B30.7, Base-Mounted Drum Hoists.

ASME B30.9, Slings.

ASME B30.10, Hooks.

ASME B30.11, Monorail Systems and Underhung Cranes.

ASME B30.12, Handling Loads Suspended from Rotorcraft.

ASME B30.14, Side Boom Tractors.

ASME B30.16, Overhead Hoists (Underhung).

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

ASME B30.20, Below-The-Hook Lifting Devices.

ASME B30.21, Manually Lever Operated Hoists.

ASME B30.22, Articulating Boom Cranes.

ASME B30.23, Personnel Lifting Systems.

ASME B30.26, Rigging Hardware

ASME BTH-1, Design of Below-the-Hook Lifting Devices

ANSI/ITSDF B56.1, Safety Standard for Powered Industrial Trucks – Low Lift and High Lift Trucks.

ANSI/ITSDF B56.5, Guided Industrial Vehicles.

ANSI/ITSDF B56.6, Rough Terrain Fork Lift Trucks.

ASME B56.7, Industrial Crane Trucks. Special Notice 6-88.

ASME B56.11.4, Forks and Fork Carriers for Powered Industrial Fork Lift Trucks, Hook Type.

ASME PALD, Portable Automotive Lifting Devices.

ANSI/ASTM Specification A391, Specification for Alloy Steel Chain.

ANSI/ASTM Specification E-165, Standard Practice for Liquid Penetrant Inspection Method.

ANSI/ASTM Specification E-709, Standard Practice for Magnetic Particle Examination.

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

ASME HST-1M, Performance Standard for Electric Chain Hoists.

ASME HST-2M, Performance Standard for Hand Chain Manually Operated Chain Hoists.

ANSI/ASME HST-3M, Performance Standard for Manually Lever Operated Chain Hoists.

ANSI/ASME HST-4M, Performance Standard for Electric Wire Rope Hoists.

ANSI/ASME HST-5M, Performance Standard for Air Chain Hoists.

ANSI/ASME HST-6M, Performance Standard for Air Wire Rope Hoists.

ANSI MH 27.1, Specifications for Underhung Cranes and Monorail Systems.

ANSI N14.6, Standard for Special Lifting Devices for shipping Containers Weighing 10,000 Pounds (4500 kg) or More for Nuclear Materials.

ASME NQA-1, Quality Assurance Program Requirements for Nuclear Facilities.

ASME Cranes for Nuclear Facilities:

ASME NUM-1, Rules for Construction of Cranes, Monorails, and Hoists (With Bridge or Trolley or Hoist of the Underhung Type).

ASME NOG-1, Rule for Construction of Overhead and Gantry Cranes (Toprunning Bridge, Multiple Girder).

#### **American Society for Nondestructive Testing**

Recommended Practice No. ASNT-TC-1A.

#### **American Welding Society**

ANSI/AWS D1.1 Structural Welding Code – Steel.

#### **Crane Manufacturers' Association of America**

CMAA No. 70, Specification for Electric Overhead Traveling Cranes.

CMAA No. 74, Specification for Top Running and Under Running, Single Girder, Electric Overhead Traveling Cranes.

#### **Department of Energy**

DOE 440.1A, Worker Protection Management for Federal and Contractor Employees.

DOE 440.1-6, Suspect Counterfeit Items Guide.

#### **Department of Labor**

29 CFR 1910, Occupational Safety and Health Standards for General Industry.

29 CFR 1926, Occupational Safety and Health Regulations for Construction.

#### **Department of Transportation**

49 CFR 391.41, physical Qualification for Drivers.

#### **National Fire Protection Association**

ANSI/NFPA 505, Powered Industrial Trucks, Type Designation and Areas of Use.

NFPA 70, National Electrical Code.

#### **Power Crane and Shovel Association**

PCSA-4, Mobile Power Crane and Excavator Standards and Hydraulic Crane Standards.

#### **Society of Automotive Engineers**

SAE J376-85, Load-Indicating Devices in Lifting Crane Service.

Code.SAE J765, Crane Load Stability Test

SAE J874, Center of Gravity Test Code.

SAE J987, Crane Structure, Method of test.

#### **Underwriters' Laboratories**

UL 558, Internal-Combustion-Engine-Powered Industrial Trucks.

UL 583, Electric-Battery-Powered Industrial Trucks.