

ASME CODES, STANDARDS, AND DESIGNATORS

ASME BOILER AND PRESSURE VESSEL CODES

The following list includes some of the pertinent codes and standards available from ASME.

Section I.....	Rules for Construction of Power Boilers
Section II.....	Materials
	Part A. Ferrous Material Specifications
	Part B. Nonferrous Material Specifications
	Part C. Specifications for Welding, Rods, Electrodes and Filler Metals
	Part D. Properties
Section III.....	Rules for Construction of Nuclear Facility Components
	Subsection NCA. General Requirements for Divisions 1 and 2
	Division 1
	Subsection NB. Class 1 Components
	Subsection NCD. Class 2 and Class 3 Components
	Subsection NE. Class MC Components
	Subsection NF. Supports
	Subsection NG. Core Support Structures
	Subsection NH. Class 1 Components in Elevated Temperature Service
	Appendices
	Division 2. Code for Concrete Reactor Vessels and Containments
	Division 3. Containment Systems for Transportation and Storage of Spent Nuclear Fuel and High Level Radioactive Material
	Division 5. High Temperature Reactors
Section IV.....	Rules for Construction of Heating Boilers
Section V.....	Nondestructive Examination
Section VI.....	Recommended Rules for the Care and Operation of Heating Boilers
Section VII.....	Recommended Guidelines for the Care of Power Boilers
Section VIII.....	Rules for Construction of Pressure Vessels
	Division 1. Pressure Vessels
	Division 2. Alternative Rules for Pressure Vessels
	Division 3. Alternative Rules for Construction of High-Pressure Vessels
Section IX.....	Qualifications for Welding and Brazing, and Fusing Procedures; Welders; Brazers; and Welding, Brazing, and Fusing Operators
Section X.....	Fiber-Reinforced Plastic Pressure Vessels
Section XI.....	Rules for Inservice Inspection of Nuclear Power Plant Components
	Division 1. Rules for Inspection and Testing of Components of Light-Water Cooled Plants
	Division 2. Requirements for Reliability and Integrity Management (RIM) Programs for Nuclear Power Plants
Section XII.....	Rules for Construction and Continued Service of Transport Tanks
Section XIII.....	Rules for Overpressure Protection
Code Cases.....	Boilers and Pressure Vessels
Code Cases.....	Nuclear Components

ASME STANDARDS

CSD-1.....	Controls and Safety Devices for Automatically-fired Boilers
BI.1.....	Unified In. Screw Threads (UN, UNR, and UNJ Thread Forms)
BI.20.1.....	Pipe Threads, General Purpose (In.)
BI6.1.....	Gray Iron Pipe Flanges and Flanged Fittings, Classes 25, 125, and 250
BI6.3.....	Malleable Iron Threaded Fittings, Classes 150 and 300
BI6.4.....	Gray Iron Threaded Fittings, Class 125 and 250
BI6.5.....	Pipe Flanges and Flanged Fittings
BI6.9.....	Factory-Made Wrought Butt-welding Fittings
BI6.11.....	Forged Fittings, Socket-Welding and Threaded
BI6.15.....	Cast Copper Threaded Fittings, Classes 125 and 250
BI6.20.....	Metallic Gaskets for Pipe Flanges
BI6.24.....	Cast Copper Alloy Pipe Flanges, Flanged Fittings, and Valves, Classes 150, 300, 600, 900 and 1500
BI6.25.....	Butt-welding Ends
BI6.28.....	Wrought Steel Butt-welding Short Radius Elbows and Returns
BI6.34.....	Valves — Flanged, Threaded and Welding End
BI6.42.....	Ductile Iron Pipe Flanges and Flanged Fittings, Classes 150 and 300
BI6.47.....	Large Diameter Steel Flanges, NPS 26 Through NPS 60

ASME STANDARDS *continued* . . .

B18.2.2	Nuts for General Applications: Machine Screw Nuts, and Hex, Square, Hex Flange, and Coupling Nuts (In. Series)
B31.1	Power Piping
B31.2	Fuel Gas Piping
B31.3	Process Piping
B31.4	Pipeline Transportation Systems for Liquids and Slurries
B31.5	Refrigeration Piping and Heat Transfer Components
B31.8	Gas Transmission and Distribution Piping Systems
B31.9	Building Services Piping
B31.11	Slurry Transportation Piping Systems
B36.10	Welded and Seamless Wrought Steel Pipe
QAI-1	Qualifications for Authorized Inspection
PVHO-1	Safety Standard for Pressure Vessels for Human Occupancy
PVHO-2	Safety Standard for Pressure Vessels for Human Occupancy: In-service Guidelines

ASME PERFORMANCE TEST CODE

PTC 25	Pressure Relief Devices
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ASNT STANDARDS

ACCP	Central Certification Program
CP-189	Standard for Qualification and Certification of Nondestructive Testing Personnel
SNT-TC-1A	Recommended Practice for Personnel Qualification and Certification in Nondestructive Testing

ASTM STANDARDS

A 126	Standard Specification for Gray Iron Castings for Valves, Flanges and Pipe Fittings
B 139	Standard Specification for Phosphor - Bronze Rod, Bar and Shapes
D 56	Standard Test Methods for Flash Point by Tag Closed Cup Tester
D 93	Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester
E 8	Standard Test Methods of Tension Testing of Metallic Materials
E 83	Methods of Verification and Classification of Extensometer Systems
E 125	Reference Photographs for Magnetic Particle Indication on Ferrous Castings
E 140	Hardness Conversion Tables for Metals Relationship Among Hardness - Brinell, Vickers, Rockwell, Superficial, Knoop, Scleroscope and Leeb
E 186	Standard Reference Radiographs for Heavy-walled (2 to 4-1/2 in.) Steel Castings
E 208	Standard Method for Conducting Drop Weight Test to Determine Nil Ductility Transition Temperature of Ferritic Steel
E 280	Standard Reference Radiographs for Heavy-walled (4-1/2 to 12-in.) Steel Castings
E 446	Standard Reference Radiographs for Steel Castings up to 2 In. in Thickness

ASME DESIGNATORS

ASME Code designators and the associated sections of the ASME *Boiler and Pressure Vessel Code* are listed for user's convenience:

Section I	A, E, M, PP, S, V
Section II	None
Section III	N, NA, NPT, NV
Section IV	H, HLW, HV
Section V	None
Section VI	None
Section VII	None
Section VIII	Division 1: U, UM, UD, UV Division 2: U2, UD, UV Division 3: U3, UD, UD3, UV, UV3
Section IX	None
Section X	RP
Section XI	None
Section XII	T, TD, TV
Section XIII	None
B31.1	None