



Valve Standards

ASME B16.34 – Valves - Flanged, Threaded and Welding Ends
API-600 – Steel Gate Valves, Flanged, and Buttwelding Ends
API-602 – Compact Steel Gate Valves
API-603 - Corrosion Resistant Gate Valves
MSS-SP-99 – Instrument Valves
MSS-SP-118 – Compact Steel Globe and Check Valves

Flanges, Fittings and Unions

ASME B16.5 – Pipe Flanges and Flanged Fittings
ASME B16.47- Large diameter Pipe Flanges
ASME B16.11 – Forged Steel Fittings, Socket Weld and Threaded

Valve, Fitting, Flange and Union Details

ASME B1.20.1 – Pipe Threads, General Purpose
ASME B16.10 – Face-to-Face and End-to-End Dimensions of Ferrous Valves
ASME B16.20 – Ring Joint Gaskets and Grooves for Steel Pipe Flanges
ASME B16.25 – Buttwelding Ends
MSS-SP-6 – Standard Finishes for Contact Faces of Pipe Flanges and Connecting End Flanges of Valves
MSS-SP-25 – Standard Marking System for Valves, Fittings, Flanges and Unions
MSS-SP-45 – Bypass and Drain Connection Standard

ASME Codes for Pressure Piping

ASME B31.1 – Power Piping
ASME B31.3 – Process Piping
ASME B31.4 – Liquid Transportation Systems for Hydrocarbons, Liquid Petroleum, Gas, Anhydrous Ammonia and Alcohols.
ASME B31.5-92 – Refrigeration Piping
ASME B31.8-95 – Gas Transmission and Distribution Piping Systems
ASME B31.9 – Building Services Piping Systems
ASME B31.11 – Slurry Transportation Piping Systems

Inspection and Testing

MSS-SP-61 – Pressure Testing of Valves
API-598 – Valve Inspection and Test

NACE Standard

MR-01-75 – Sulfide Stress Cracking Resistant Metallic Material for Oil Field Equipment