

# VALVE STANDARDS

## ANSI Standards - American National Standards Institute

- B 1.1 Unified Screw Threads
- B 2.1 Pipe Threads (Except Dryseal)
- B 16.5 Steel Pipe Flanges and Flanged Fittings
- B 16.10 Face-to-Face and End-to-End Dimensions of Ferrous Valves
- B 16.11 Forged steel fittings. Socket welding and threaded
- B 16.20 Ring-Joint Gaskets and Grooves for Steel Pipe Flanges
- B 16.21 Nonmetallic Gaskets for Pipe Flanges
- B 16.25 Buttwelding Ends
- B 16.34 Steel butt - welding end valves
- B 31.5 Refrigeration Piping Systems
- B 31.8 Gas Transmission and Distribution Piping Systems

## API Standards - American Petroleum Institute

- 598 Valve Inspection and Test
- 600 Steel Gate Valves, Flanged or Buttwelding Ends
- 602 Forged Steel Gate Valves.
- 603 150-Lb. Light-Wall. Corrosion-Resistant Gate Valve for Refinery Use

## ASTM Standards - American Society for Testing and Materials

### MSS Standard Practices - Manufactures Standardization Society of the Valve Fittings Industry

- SP-6 Finishes for Contact Faces of Connecting End Flanges of Ferrous Valves and Fittings
- SP-9 MSS Spot-Facing Standard
- SP-25 MSS Standard Marking System for Valves, Fittings, Flanges and Unions
- SP-42 MSS 150 Lb Corrosion Resistant Cast Flanged Valves
- SP-44 MSS Steel Pipe Line Flanges
- SP-45 MSS Bypass and Drain Connection Standard
- SP-54 Quality Standard for Steel Castings-Radiographic Inspection Method
- SP-55 Quality Standard for Steel Castings-Visual Method
- SP-117 Bellow Sealed Gate And Globe Valves