

General Standards for Valves

American Petroleum Institute (API)

API 594	Check Valves: Flanged, Lug, Wafer and Butt-welding
API 598	Valve Inspection and Testing
API 6D	Specification for Pipeline and Piping Valves
API 600	Steel Gate Valves - Flanged and Butt-welding Ends, Bolted Bonnets
API 602	Gate, Globe, and Check Valves for Sizes DN 100 (NPS 4) and Smaller for the Petroleum and Natural Gas Industries
API 603	Corrosion-resistant, Bolted Bonnet Gate Valves-Flanged and Butt-welding Ends
API 607	Fire Test for Quarter-turn Valves and Valves Equipped with Nonmetallic Seats
API 608	Metal Ball Valves-Flanged, Threaded and Welding Ends
API 623	Steel Globe Valves-Flanged and Butt-welding Ends, Bolted Bonnets

National Association of Corrosion Engineers (NACE)

NACE MR0103	Petroleum, petrochemical and natural gas industries - Materials Resistant to Sulfide Stress Cracking in Corrosive Petroleum Refining Environments
NACE MR0175	Petroleum and natural gas industries - Materials for use in H ₂ S-containing environments in oil and gas production

The Manufacturers Standardization Society of the Valve and Fittings Industry (MSS)

MSS SP-55	Quality Standard for Steel Castings for Valves, Flanges and Fittings and Other Piping Components - Visual Method for Evaluation of Surface Irregularities
MSS SP-81	Stainless-Steel or Stainless-Steel-Lined, Bonnetless, Knife Gate Valves with Flanged Ends

The American Society of Mechanical Engineers (ASME)

ASME B16.10	Face-to-Face and End-to-End Dimensions of Valves
ASME B16.25	Buttwelding Ends
ASME B16.34	Valves - Flanged, Threaded, and Welding End
ASME B16.5	Pipe Flanges and Flanged Fittings: NPS 1/2 through NPS 24 Metric/Inch Standard

British Standard (BS)

BS 1868 Specification for steel check valves (flanged and butt-welding ends) for the petroleum, petrochemical and allied industries

BS 1873 Specification for steel globe and globe stop and check valves (flanged and butt-welding ends) for the petroleum, petrochemical and allied industries

DIN Standard (DIN)

DIN EN 1092-1 Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, PN designated - Part 1: Steel flanges

DIN EN 12266-1 Industrial valves - Testing of metallic valves - Part 1: Pressure tests, test procedures and acceptance criteria - Mandatory requirements

