

ANSI Valve Standards

ANSI - the American National Standards Institute standardization and conformity assessment system.

Standard Code Name	Standard Name
ANSI A126	Grey iron castings for valves flanges and pipe fittings
ANSI A181	Standard specifications for forged or rolled steel pipe flanged forged fittings and valves and parts for general service
ANSI B16.10	Face - to - face and end - to - end dimension of ferrous valves
ANSI B16.34	Steel valves
ANSI B127.1	Constant - level oil valves

API Valve Standards

API - American Petroleum Institute valve standards:

Standard Code Name API	Standard Name
API SPEC6D	Supplement 1 to api spec 6D (sixteenth edition) specification for pipeline valves
API STD6D	Steel gate plug ball and check valves for pipeline service
API STD6D	API Specification for flanged steel gate and plug valves for drilling and production service
API SPE14D	API Specification for wellhead surface safety valves for offshore service
API 526	Flanged steel safety relief valves
API 527	Commercial seat tightness of safety relief valves with metal - to metal seats
API 528	API standard for safety relief valve nameplate nomenclature
API 529	Cast - forged Steel plug valves flanged ends
API 594	Wafer - type check valves
API 595	Cast - iron gate valves flanged ends

API 597	Steel venturi gate valves flanged or butt welding ends
API 598	Valve inspection and test
API 599	Steel plug valves flanged or butt welding ends
API 600	Flanged and butt - welding - end steel gate and plug valves for refinery use
API 602	Compact design carbon steel gate valves for refinery use
API 603	150 - pound light - wall corrosion - resistant gate valves for refinery use
API 604	Ductile iron gate valves flanged ends
API 607	Fire - resistant testing of ball valves with soft contact faces
API 609	Butterfly valves to 150 psig and 150 F
API SPEC 6FA	Specification for fire test for valves
API SPEC 6FC	Specification for fire test for valves with automatic backseats
API BULL 6RS	Bulletin on referenced standards for committee 6, standardization of valves and wellhead equipment
API RP 11V6	Recommended practice for design of continuous flow gas lift installations using injection pressure operated valves first edition
API RP 11V7	Recommended practice for repair , testing, and setting gas lift valves
API RP 520 PT 1	Sizing, selection and installation of pressure relieving devices in refineries part 1- sizing and selection
API RP 574	Inspection of piping, tubing, valves and fittings first edition, replaces guide for inspection of refinery equipment Chapter XI
API RP 576	Inspection of pressure-relieving devices first edition
API STD 608	Metal ball valves-flanged, threaded and welding end

ASME Valve Standards

The American Society of Mechanical Engineers, ASME valves standards:

Standard	Standard Name
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	pipng applications
A181/181M	Standard Specification for Carbon Steel Forgings for General purpose piping

A182/182M	Standard Specification for forged or rolled alloy-steel pipe flanges, forged fittings and valves and parts for high-temperature service
A727/727M	Standard specification for carbon steel forgings for piping components with inherent notch toughness.
A961	Standard Specification for Common Requirements for Steel Flanges, Forged Fittings, valves, and Parts for Piping Applications
B462	Standard Specification for Forged or Rolled UNS N08020, UNS N08024, UNS N08026, UNS N08367, and UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service
B834	Standard Specification for Pressure Consolidated Powder Metallurgy Iron-Nickel- Chromium- Molybdenum (UNS N08367) and Nickel- Chromium Molybdenum Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts
D5500	Standard Test Method for Vehicle Evaluation of Unleaded Automotive Spark-ignition Engine Fuel for Intake Valve Deposit Formation
F885	Standard Specification for Envelope Dimensions for Bronze Globe Valves NPS 1/4 to 2 EI-1996 R(1996)
F992	Standard Specification for Valve Label Plates EI-1997 R(1997)
F993	Standard Specification for Valve Locking Devices EI-1997 R(1997)
F1020	Standard Specification for Line-Blind Valves for marine Applications EI-1996 R(1996)
F1098	Standard Specification for Envelope Dimensions for Butterfly Valves - NPS 2 to 24 EI-1993 R(1993)
F1271	Standard Specification for Spill Valves for Use in Marine Tank Liquid Overpressure Protections Applications EI-1995 R (1995)
F1370	Standard Specification for Pressure Reducing valves for Water Systems, Shipboard
F1508	Standard Specification for Angle Style, Pressure Relief Valves for Steam, Gas, and Liquid Services
F1565	Standard Specification for Pressure-Reducing Valves for Steam Service
F1792	Standard Specification for Special Requirements for Valves Used in Gaseous Oxygen Service
F1793	Standard Specification for Automatic Shut-Off Valves (Also Known as Excess Flow Valves, EFV) for Air or Nitrogen Service
	Standard Specification for Hand operated, Globe-Style

	Valves for Gas (Except Oxygen Gas), and Hydraulic Systems
F1795	standard Specification for Pressure-Reducing Valves for Air or Nitrogen Systems
A230	Standard specification for steel wire oil - tempered carbon valve spring quality
A232	Standard specification for chromium - vanadium alloy steel valve spring quality
A350	Standard specification for forged or rolled carbon and alloy steel flanges forged fittings and valves and parts for low - temperature service
A338	Standard specification for ultrasonic examination of heavy steel forgings
A694	Standard specification for forgings carbon and alloy steel for pipe flanges fittings valves and parts for high - pressure transmission service
A404	Standards specification for forged or rolled alloy - steel pipe flanges forged fittings and valves and parts specially heat treated for high temperature service
A522	Forged or rolled 8% and 9% nickel alloy steel flanges fittings valves and parts for low - temperature service

ISO Valve Standards

ISO - International Organization for Standardization, International Standards for business, government and society.

Standard Code	Standard Name
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	Flange and coupling performance
ISO 5211 pt.3	Part - turn valve actuator attachment - part 3. Dimensions of driving components
ISO 5752	Metal valves for use in flanged pipe systems -

ISO 5752	Metal valves for use in flanged pipe systems - face - to - face and centre - to - face dimensions
ISO 5996	Cast iron gate valves
ISO 6002	Bolted bonnet steel gate valves
ISO 6552	Automatic steam traps - definition of technical terms
ISO 6553	Automatic steam traps - marking
ISO 6554	Flanged automatic steam traps - face - to - face dimensions
ISO 6704	Automatic steam traps - classification
ISO 6948	Automatic steam traps - production and performance characteristics tests
ISO 7121	Fourth draft proposal for flanged and butt -weld end steel ball valves
ISO 7259	Predominantly key operated cast iron gate valves for underground use
ISO 7841	Steam loss tests

Pipeline Supply and Service Co., Inc. • Houston, TX 77054
Phone 713-747-0090 • Fax 713-747-0855
<http://www.pipelinesupply.com/>