

## ISO/API/ASME MANUFACTURING STANDARDS

ISO has been part of an international effort to standardise the products for the Petroleum and Natural Gas industries. The following table shows API and ASME equivalents which ISO has so far mirrored and aligned with. Global Supply Line supplies and stocks valves to the following standards:

DESIGN AND MANUFACTURING STANDARDS		
ISO	API/ASME	DESCRIPTION
ISO 5208		Pressure testing of valves - Industrial
ISO 5209		Marking - General purpose industrial valves
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 7121		Flanged steel ball valves
ISO 7259		Key-operated cast iron gate valves for underground use
ISO 10423	API 6A	Wellhead and Christmas Tree Equipment Specification
ISO 10434	API 600	Bolted bonnet steel gate valves for the petroleum, petrochemical and allied industries
ISO 10497	API 607	Testing of valves - Fire type-test requirements (Fire Test for Soft-Seated Quarter-Turn Valves)
ISO 10631		Metallic butterfly valves for general purposes
ISO 12149		Bolted bonnet steel globe valves for general-purpose applications
ISO 14313	API 6D	Specification for Pipeline Valves
ISO 15156	NACE MR0175	NACE MR0175, Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production
ISO 15761	API 602	Steel gate, globe and check valves for sizes DN 100 and smaller, for the petroleum and natural gas industries. BS 5352 is obsolete and replaced by ISO 15761
ISO 15848-1		Industrial valves - Measurement, test and qualification procedures for fugitive emission Part 1: Classification system and qualification procedures for type testing of valves
ISO 17292	API 608	Metal ball valves for petroleum, petrochemical and allied industries
	API 591	User Acceptance of Refinery Valves
	API 594	Check Valves design standard (wafer type and cast BB swing check)
	API 598	Valve Inspection and Testing
	API 600	Cast Steel Gate Valves
	API 602	Compact Forged Steel Gate, Globe & Check Valves design standard
	API 603	Cast, Corrosion Resistant Gate Valves design standard
	API 608	Metal Ball Valves-Flanged, Threaded and Butt-Welding Ends (150&300)
	API 17D	Specification for Subsea Wellhead and Christmas Tree Equipment
	API 6FA	Specification for Fire Test for Valves
	API 622	Type Testing of Process Valve Packing for Fugitive Emissions
	API 623	Cast Globe Valve design standard (BBOSY)
	API 624	Fugitive Emission Valve design
	ASME B16.34	Valves 2 Flanged, Threaded, and Buttwelded End
	ASME B16.10	Face-to-Face and End-to-End Dimensions of Valves
	ASME B16.5	Pipe Flanges and Flanged Fittings
	ASME B16.25	Buttwelded Ends
	ASME B16.11	Forged Fittings, Socket Welding and Threaded

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