

Codes & Standards

CODES & STANDARDS

	ALC®	Basic-Check®	BNC®	DLC®	DSV®	Excalibur®	FBC®	GLC & GLC-Cast Iron	PDC®	Restrictor Check	SCV®	SCV-R®	TLW®	Vacuum Breaker	WLC® & WLC-Cast Iron	Y-Calibur®
ANSI																
B1.1	X										X	X	X		X	
B1.20.1		X								X	X	X		X		
B16.5	X			X		X		X	X				X		X	X
B16.10				X		X			X							X
B16.11		X								X	X	X		X		
B16.20						X		X	X						X	
B16.25			X			X					X	X				X
B16.34	X		X	X		X	X	X	X		X	X	X		X	X
MSS																
SP-6	X			X		X	X	X	X				X		X	
SP-25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SP-61	X		X	X	X	X	X	X (1)	X		X	X	X		X (1)	X
SP-125								X (2)							X (2)	
SP-126				X		X		X (3)	X		X	X			X (3)	X
SP-144																X
ASTM																
A126 CLASS B								X							X	
A216GR WCB	X		X			X		X	X				X		X	X
A351GR CF8M	X		X	X		X		X	X		X	X	X		X	X
A351 CF3M			X		X											
API 6D*																
6FD								X (4)								
594	X												X		X (5)	
PED	X					X		X (3)	X		X		X		X (3)	
3A 58-02					X											
CRN	X	X (6)		X		X	X	X	X	X (6)	X		X	X (6)	X	X
NACE	X (7)			X (7)		X (7)		X (7)	X (7)		X (7)	X (7)	X (7)		X (7)	X (7)

ANSI B1.1	Unified Inch Screw Threads	ASTM A126	CLASS B Grey Iron Castings
ANSI B1.20.1	Pipe Threads, General Purpose	ASTM A216 GR WCB	Carbon Steel Castings
ANSI 16.5	Pipe Flanges & Flanged Fittings.	ASTM A351 GR CF8M	Austenitic Steel Castings
ANSI 16.10	Face-to-Face & End-to-End Dimensions of Valves	API Q1 9TH ED.	Quality Management System specification for manufacturing organizations for the petroleum and natural gas industry.
ANSI 16.11	Forged Fittings, Socket-Welding and Threaded	API 6D 24TH ED.	Pipeline and Piping Valves
ANSI 16.20	Ring-Joint Gaskets & Grooves for Steel Pipe Flanges	API 6FD	Fire Test for Check Valves
ANSI 16.25	Buttwelding Ends	API 594	Wafer & Wafer-Lug Check Valves
ANSI 16.34	Valves - Flanged, Threaded & Welding Ends	PED	Pressure Equipment Directive #2014/068/EU
ISO 9001-2015	Quality Management System requirements to consistently provide products and services that meet customer and applicable statutory and regulatory requirements.	3A	Standard 58-01: Vacuum Breakers and Check Valves
MSS SP-6	Standard finishes for contact faces of pipe flanges and connecting end flanges of valves & fittings	CRN	Canadian Registration Number
MSS SP-25	Standard marking system for valves, fittings, flanges and unions	NACE MR 0175 / ISO 15156	Petroleum and Natural Gas Industries-Materials for use in H2S Containing Environments in Oil and Gas Production
MSS SP-61	Pressure testing of steel valves	NACE MR 0103 / ISO 17945	Material resistant to sulfide stress cracking in corrosive petroleum refining environments
MSS SP-125	Grey Iron & Ductile Iron In-Line Check Valves		
MSS SP-126	Steel In-Line Spring-Assisted Center Guided Check Valves		
MSS SP-144	Pressure Seal Bonnet Valves		

Notes: 1. Class 125 and 250 Cast Iron valves are leak tested in accordance with AWWA.
2. Cast Iron Valves only.
3. Except Cast Iron Valves.

4. ASME Class 150 & 300, 2" to 24" only.
5. ANSI Class 600 RF and 900/1500 RF valves meet face-to-face dimensions.
6. Contact DFT for acceptable materials.

7. Contact DFT for NACE.
* Contact DFT for current codes and standards.