



CERTIFICATE OF CONFORMANCE

PRODUCTS SOLD BY SERVICE METAL ARE CERTIFIED AND SUPPLIED IN ACCORDANCE WITH THE FOLLOWING NATIONALLY RECOGNIZED SPECIFICATIONS AND STANDARDS:

CARBON STEEL WELD FITTINGS

Seamless Butt Weld Fittings conform to ASTM A/SA234 WPB
Welded Butt Weld Fittings conform to ASTM A/SA234 WPBW
Weld Fitting Dimensions conform to ASME B16.9, B16.25
Carbon content not to exceed .25% maximum.
Manufacturing Facilities are ISO Certified

CARBON STEEL FLANGES

Forged Steel Flanges conform to ASTM A/SA105
Flange Dimensions conform to ASME B16.5 through 24"
Flange Dimensions larger than 24" conform to ASME B16-47 Series A (MSS SP-44) or Series B (API 605)
Flange classes 600 and above are A105N Normalized
Flange serrations to be in accordance with MSS-SP-6
Manufacturing Facilities are ISO Certified

FORGED CARBON STEEL FITTINGS & OUTLETS

SMP Forged Carbon Steel Fitting Material conforms to ASME SA105N, NORMALIZED
Forged Steel Fitting Dimensions conform to ASME B16.11
NPT threads on Forged Steel Fittings conform to ASME B1.20.1
Forged Steel Socket Weld Inserts conform to MSS-SP-79
Forged Steel Unions conform to MSS-SP-83
Forged Steel Outlet Fittings conform to MSS-SP-97
Manufacturing Facility is ISO Certified

MALLEABLE IRON THREADED FITTINGS, CLASS 150 & 300

Malleable Castings conform to ASTM A197
Hot-Dipped Galvanized Fittings conform to ASTM A153
Malleable Fitting Dimensions conform to ASME B16.3
Malleable Bushings, Plugs and Locknuts conform to ASME B16.14
Malleable Unions conform to ASME B16.39
NPT Threads on all fittings conform to ASME B1.20.1
Class 150 fittings are UL listed and FM approved at 300psi.
Class 300 fittings are UL listed.
Manufacturing Facility is ISO Certified
*Galvanized Fittings are approved to ANSI/NSF 61-4 Annex G and CA AB1953 (<0.25%Lead)
Country of origin covered is Thailand & China

STEEL WELDED NIPPLES SCH 40 & SCH 80

Black and Hot-Dipped Galvanized Steel Pipe used conforms to ASTM A53
Welded Steel Nipples conform to ASTM A733
NPT threads on nipples conform to ASME B1.20.1
Manufacturing Facility is ISO Certified
*Galvanized Nipples are approved to ANSI/NSF 61-4 Annex G and CA AB1953 (<0.25% Lead)





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STEEL SEAMLESS NIPPLES SCH 80, 160 & XXH

Seamless Steel Pipe used conforms to ASTM A106 Grade B
Seamless Steel Nipples conform to ASTM A733
NPT threads on nipples conform to ASME B1.20.1
Manufacturing Facility is ISO Certified
Imported Nipples have heat numbers.

MERCHANT & API STEEL STANDARD COUPLINGS & FITTINGS

Merchant Coupling dimensions and materials conform to ASTM A865
Merchant Coupling threads conform to ASME B1.20.1
Standard Couplings from 1/8" to 2" are NPSC (Straight Threads), 2-1/2" and larger are NPT (Tapered)
Merchant Steel bushings and plugs conform to ASME B16.14
API Couplings dimensions conform to ASTM A865
API Coupling threads conform to ASME B1.20.1

CAST IRON FLANGES

Grey Iron Castings conform to ASTM A126 and ASTM A48
Flange Dimensions conform to ASME B16.1
Hot-Dipped Galvanized Flanges conform to ASTM A153
Flange Threads conform to ASME B1.20.1
Manufacturing Facility is ISO Certified

CAST IRON FLANGED FITTINGS, CLASS 125 & 250

Grey Iron Castings conform to ASTM A126 and ASTM A48
Flanged Fitting Dimensions conform to ASME B16.1 and ANSI/AWWA C110/A21.10
Class 125 is UL Listed through 12"
Manufacturing Facility is ISO Certified

DUCTILE IRON FLANGED FITTINGS, CLASS 150 & 300

Ductile Iron Castings conform to ASTM A395
Flanged Fitting Dimensions conform to ANSI/AWWA C110/21.10 and ASME B16.42
Manufacturing Facility is ISO Certified

LEAD FREE* BRASS THREADED FITTINGS

*Conforms with lead content requirements for lead-free plumbing as defined by the U.S. Safe Drinking Water Act. Certified <0.25 weighted average % lead.
NSF/ANSI 61 Drinking Water System Components – Health Effects
NSF/ANSI 372 Drinking Water System Components – Lead Content
Material conforms to ASTM B584 UNS C89833
Fitting Dimensions conform to ASME B16.15 for Elbows, Tees, Caps, Crosses, Bushings, Plugs, and Couplings.
Companion flanges conform to ASME B16.24
NPT Threads Conform to ASME B1.20.1
Manufactured in an ISO 9001 facility

LEAD FREE* BRASS NIPPLES

*Conforms with lead content requirements for lead-free plumbing as defined by the U.S. Safe Drinking Water Act. Certified <0.25 weighted average % lead.
NSF/ANSI 61 Drinking Water System Components – Health Effects
NSF/ANSI 372 Drinking Water System Components – Lead Content
Material conforms to ASTM B687 UNS C23000
NPT Threads Conform to ASME B1.20.1
Manufactured in an ISO 9001 facility





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SMP LEAD FREE* BRASS BALL VALVES

*Conforms with lead content requirements for lead-free plumbing as defined by the U.S. Safe Drinking Water Act. Certified <0.25 weighted average % lead.

•Design conforms to MSS-SP-110: Threaded ends confirm to ANSI/ASME B1.20.1
Shell & seat test to ASME B16.34. NSF-61 (1/4" thru 2") | NSF-372 (2 1/2" thru 4")

SMP LEADED BRASS BALL VALVES

Design conforms to MSS-SP-110: Threaded ends confirm to ANSI/ASME B1.20.1
Shell & seat test to ASME B16.34.

SMP CARBON & STAINLESS THRD / S/W BALL VALVES

Design conforms to MSS-SP-110 ($\leq 3"$); Socket Weld Ends confirm to ASME B16.11
Threaded ends conform to ANSI/ASME B1.20.1; Shell test and seat to ASME B16.34

SMP CARBON & STAINLESS FLANGED BALL VALVES

Design conforms with API 607 and ASME B16.34;
Flanged ends conform to ASME 16.5; ISO 5211 MOUNTING
DIMENSIONS, TEST TO ASME B16.34

SMP CAST IRON FLANGED GATE, GLOBE & CHECK VALVES

Gate valves design conforms to MSS SP-70
Globe valves design conforms to MSS SP-85
Swing Check valves design conforms to MSS SP-71
Flanged ends conform to ASME B16.1,
API tested to API 598
Face to face dimensions conforms to ASME B16.10

SMP FORGED STEEL GATE, GLOBE & CHECK VALVES

Basic design to API 602 & ASME B16.34, Socket weld conforms to ASME B16.11, Threaded to ASME B1.20.1, Tested & Inspected to API 598, Nace MR-0175

SMP DI WAFER & LUG BUTTERFLY VALVES

Basic design conforms to API 609 Class A
Mounting Pad conforms to ISO 5311
Ends conform to ASME B16.1 and B16.5
Inspected & tested according to API 598

SMP CAST STEEL GATE, GLOBE & CHECK VALVES

Gate Valve Design conforms to API 600
Globe Valve Design conforms to API 623
Swing Check Valves conforms to API 594
Face to face dimensions conforms to ASME B16.10
Raised face flanged ends conform to ASME B16.5
API tested to API 598
NACE MRO175





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FORGED STAINLESS STEEL FITTINGS & OUTLETS

- SMP Forged Stainless Steel (304) Fitting Material conforms to ASME A182 F304 and F304L
- SMP Forged Stainless Steel (316) Fitting Material conforms to ASME A182 F316 and F316L
- Forged Steel Fitting Dimensions conform to ASME B16.11
- NPT threads on Forged Steel Fittings conform to ASME B1.20.1
- Forged Steel Socket Weld Inserts conform to MSS-SP-79
- Forged Steel Unions conform to MSS-SP-83
- Forged Steel Outlet Fittings conform to MSS-SP-97
- Manufacturing Facility is ISO Certified

STAINLESS STEEL THREADED FITTINGS, TYPE 304 & 316, SP114 AND ISO PATTERN, CLASS 150

- Intergranular Corrosion Resistance per ASTM A262
- Material conforms to ASTM A351
- NSF/ANSI 372 – 2016 Drinking Water System Components Lead Content
- REACH Certified
- RoHS Certified
- NPT Threads Conform to ASME B1.20.1
- Manufactured in an ISO 9001 facility

STAINLESS STEEL NIPPLES, WELDED AND SMLS, TYPE 304/L & 316/L, ALL SCHEDULES

- Material is dual certified 304 and 304L or 316 and 316L
- Material conforms to ASTM A312
- Finished Product meets ASTM A733
- REACH Certified
- RoHS Certified
- NPT Threads Conform to ASME B1.20.1
- Manufactured in an ISO 9001 facility

STAINLESS STEEL WELD FITTINGS

Welded Butt Weld Fittings conform to ASTM A/SA403 WP304/304L-W or WP316/316L-W
Seamless Butt Weld Fittings conform to ASTM A/SA403 WP304/304L-S or WP316/316L-S
Weld Fitting Dimensions conform to ASME B16.9, B16.25
Manufacturing Facilities are ISO Certified

STAINLESS STEEL FLANGES

Forged Steel Flanges conform to ASTM A/SA182 F304/304L or F316/316L
Flange Dimensions conform to ASME B16.5 through 24"
Flange Dimensions larger than 24" conform to ASME B16-47 Series A (MSS SP-44) or Series B (API 605)
Flange serrations to be in accordance with MSS-SP-6
Manufacturing Facilities are ISO Certified

