

SERVICE METAL

Pipe Fittings, Flanges & Valves



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 through 24"
Weld Fitting Dimensions conform to ANSI B16.9, B16.11, B16.28 through 24"
Weld Fitting Dimensions larger than 24" conform to MSS-SP-48
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 ANSI B16.5 through 24"
Flange Dimensions larger than 24" conform to ANSI B16.1, B16-47, API 605 or MSS44
Flange serrations to be in accordance with MSS-SP-6\
Manufacturing Facilities are ISO Certified

FORGED STEEL FITTINGS & OUTLETS

Forged 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

St. Louis

4300 Planned Industrial Dr.
St. Louis, MO 63120

Charlotte

11445-A Granite St.
Charlotte, NC 28273

Houston

3500 E. Crosstimbers St.
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servicemetal.net

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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)

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

Import Nipples have heat number

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

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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 ANSI B16.42
Manufacturing Facility is ISO Certified

SMP BRASS BALL VALVES

Design conform 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 conform to MSS-SP-110; 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

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

Design conforms to ANSI B16.10, Flanged ends conform to ANSI B16.1,
Conforms to MSS SP-71, API tested to API 598

SMP FORGED STEEL GATE, GLOBE & CHECK VALVES

Basic design to API 602 & ASME B16.34, Socket weld ANSI B16.11, Threaded
ANSI B1.20.1, Test & Inspection 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

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

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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
- 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

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