

SMITH-COOPER[®]

INTERNATIONAL

CERTIFICATE OF CONFORMANCE

PRODUCTS SOLD BY SMITH-COOPER INTERNATIONAL, LLC ARE MANUFACTURED, CERTIFIED AND SUPPLIED IN ACCORDANCE WITH THE FOLLOWING NATIONALLY RECOGNIZED SPECIFICATIONS AND STANDARDS:

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 9001:2008**

CAST IRON FLANGES, CLASS 125 & 250

Grey Iron Castings conform to ASTM **A126** and ASTM **A48**

Flange Dimensions conform to ASME **B16.1**

Flange faces are serrated per MSS SP-6, Class 250 flanges are raised face

Hot-Dipped Galvanized Flanges conform to ASTM **A153**

Flange Threads conform to ASME **B1.20.1**

Manufacturing Facility is **ISO 9001:2008**

CAST IRON THREADED FITTINGS

Grey Iron Castings conform to ASTM **A126**

Cast Iron Fitting Dimensions conform to ASME **B16.4 Class 125**

NPT Threads on fittings conform to ASME **B1.20.1**

Cast Iron Threaded Fittings are **UL LISTED and FM APPROVED** at **300psi**

Manufacturing Facility is **ISO 9001:2008 and ISO 14001**

Cast Iron Fittings have SCI Trademark and are 100% Air Tested

DUCTILE IRON THREADED FITTINGS

Ductile Iron Castings conform to ASTM **A536**

Ductile Iron Fitting Dimensions conform to ASME **B16.3**, Class 150

Ductile Iron Bushings and Plugs conform to ASME **B16.14**

NPT Threads on all fittings conform to ASME **B1.20.1**

Ductile Iron Threaded Fittings are **UL LISTED and FM APPROVED** at **500psi**

Ductile Iron Threaded Fittings are steam rated at 300psi saturated steam

Manufacturing Facility is **ISO 9001:2008 and ISO 14001**

Ductile Iron Fittings have SCI Trademark and are 100% Air Tested

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 9001:2008 and ISO 14001**

CHINA fittings have SCI Trademark and are 100% Air Tested

***Galvanized Fittings are approved to ANSI/NSF 61-4 Annex G and CA AB1953 (<0.25% Lead)**

CERTIFICATE OF CONFORMANCE

Page 2

GROOVED COUPLINGS AND FITTINGS

Grooved Coupling Housing and Fitting material conform to ASTM A536
Groove dimensions conform to AWWA C606
Grooved Coupling Bolts conform to ASTM A183
Galvanized Couplings and Fittings conform to ASTM A153
Manufacturing Facility is ISO 9001:2008

MERCHANT STEEL STANDARD AND RECESSED 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)
Recessed Couplings are API 5L style for extra heavy pipe, all sizes have NPT threads
Merchant Steel bushings and plugs conform to ASME B16.14
Manufacturing Facility is ISO 9001:2008

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 9001:2008

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 9001:2008 and ISO 14001
Import Nipples have SCI Trademark and tracking number
Domestic Nipples available upon request
***Galvanized Nipples are approved to ANSI/NSF 61-4 Annex G and CA AB1953 (<0.25% Lead)**

STEEL SEAMLESS NIPPLES SCH 40, SCH 80 & 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 9001:2008 and ISO 14001
Import Nipples have SCI Trademark and heat number
Domestic Nipples available upon request

BRONZE THREADED FITTINGS CLASS 125 & 250 (THAILAND and CHINA)

Bronze Fittings conform to AWWA C800
Bronze Castings conform to ASTM B62, UNS Alloy C83600
Bronze Fitting Dimensions conform to ASME B16.15
NPT Threads on all fittings conform to ASME B1.20.1
Bronze Unions conform to specification A-A-59617
Manufacturing Facilities are ISO 9001:2008
CHINA fittings have SCI Trademark and are 100% Air Tested

"NO LEAD" BRONZE THREADED FITTINGS CLASS 125

Bronze Fittings conform to AWWA C800
Bronze Castings conform to ASTM B584, UNS Alloy C89836
Bronze Fitting Dimensions conform to ASME B16.15
NPT Threads on all fittings conform to ASME B1.20.1
Bronze Unions conform to specification A-A-59617
Manufacturing Facilities are ISO 9001:2008
Fittings have SCI Trademark and are 100% Air Tested
***Approved to ANSI/NSF 61-4 Annex G and California AB 1953 (<0.25% Lead)**

CERTIFICATE OF CONFORMANCE

Page 3

BRONZE FLANGES CLASS 150 (THAILAND and CHINA)

Bronze Castings conform to ASTM **B62**, UNS Alloy **C83600**
Bronze Flange Dimensions conform to ASME **B16.24**
NPT Threads on all flanges conform to ASME **B1.20.1**
Manufacturing Facilities are **ISO 9001:2008**

SEAMLESS RED BRASS NIPPLES (Schedule 40)

Seamless Brass pipe conforms to ASTM **B43**, UNS Alloy **C23000**
Seamless Brass Nipples conform to ASTM **B687**
NPT threads on nipples conform to ASME **B1.20.1**
***Approved to CA 1953 (<0.25% Lead)**

STAINLESS STEEL THREADED FITTINGS, TYPE 304 & 316, CLASS 150 & 1000

Stainless Castings conform to ASTM **A351**
Stainless Wrought Fittings conform to ASTM **A182**, Barstock to ASTM **A479**
Stainless Fitting Dimensions conform to MSS **SP-114** (except Wall & Bands)
NPT Threads conform to ASME **B1.20.1**
Stainless Fittings have SCI Trademark
Manufacturing Facility is **ISO 9001:2008**

STAINLESS STEEL FORGED FITTINGS & OUTLETS, TYPE 304 & 316

Forged Stainless Steel Material conforms to ASME **A182**
Forged Stainless Steel Fitting Dimensions conform to ASME **B16.11**
NPT Threads conform to ASME **B1.20.1**
Socket Fittings conform to ASME **B16.11**
Forged Stainless Union conform to **MSS SP-83**
Forged Stainless Outlets conform to **MSS SP-97**
Forged Stainless SW Inserts conform to **MSS SP-79**
Manufacturing Facility is **ISO 9001:2008**

STAINLESS STEEL FORGED FLANGES, TYPE 304 & 316, ALL CLASSES

Forged Stainless Steel Material conforms to ASME **A182**
Forged Stainless Steel Flange Dimensions conform to ASME **B16.5**
NPT Threads conform to ASME **B1.20.1**
Manufacturing Facility is **ISO 9001:2008**

STAINLESS STEEL MSS CAST FLANGES, TYPE 304 & 316, CLASS 150LW

Cast Stainless Steel Material conforms to ASME **A351**
Flange Dimensions conform to MSS **SP-51**
NPT Threads conform to ASME **B1.20.1**
Manufacturing Facility is **ISO 9001:2008**

STAINLESS STEEL PLATE FLANGES, TYPE 304 & 316

Plate Stainless Steel Flange Dimensions conform to ASME **B16.5 Class 150**
Plate Stainless Steel Flanges made from ASTM A240 Plate or cast in conformance with ASTM A351

STAINLESS STEEL WELD FITTINGS, TYPE 304 & 316, ALL SCHEDULES

Stainless Weld Fittings conform to ASTM **A403**, ASTM **A960**, MSS **SP-43**; (ASTM **A774** available on request)
Stainless Weld Fitting Dimensions conform to ASTM **B16.9** (except Wall) and MSS **SP-43**
Stainless Weld Fittings have SCI Logo
Manufacturing Facility is **ISO 9001:2008**

STAINLESS STEEL PIPE, WELDED & SEAMLESS, TYPE 304 & 316, ALL SCHEDULES

Welded & Seamless Pipe material conforms to ASTM **A312**, ASTM **A999**; (ASTM **A778** available on request)
Stainless Pipe Dimensions conform to ASTM **A999**, ASME **B36.19**, ASME **B36.10**
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CERTIFICATE OF CONFORMANCE

Page 4

STAINLESS STEEL NIPPLES, WELDED & SEAMLESS, TYPE 304 & 316, ALL SCHEDULES

Stainless Steel Nipple Material conforms to ASTM A312

Stainless Steel Nipple Dimensions conform to ASTM A733 and ASME B36.19

NPT Threads on Stainless Nipples conform to ASME B1.20.1

Manufacturing Facility is ISO 9001:2008

Stainless Steel Tubing, Welded & Seamless, Type 304 & 316

Stainless Steel tubing dimensions and materials conform to ASTM A269 and ASTM A249

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