

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 9001:2000**

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 9001:2000**

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 9001:2000 and ISO 14001**

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

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 9001:2000**

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 9001:2000 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 9001:2000 and ISO 14001**

CHINA fittings have SCI Trademark and are 100% Air Tested

*Galvanized Fittings are approved to ANSI/NSF 61-4 and CA 1953 (<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**

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**

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 9001:2000**

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 9001:2000 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 and CA 1953 (<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 9001:2000 and ISO 14001**
Import Nipples have SCI Trademark and heat number
Domestic Nipples available upon request

BRONZE THREADED FITTINGS CLASS 125 (THAILAND and CHINA)

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 9001:2000**
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 **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 9001:2000**
Fittings have SCI Trademark and are 100% Air Tested
***Approved to ANSI/NSF 61-4 and CA 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 9001:2000**

SEAMLESS RED BRASS NIPPLES (Schedule 40)

Seamless Brass pipe conforms to ASTM **B43**
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, 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 9001:2000**

STAINLESS STEEL FORGED FITTINGS & OUTLETS

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 9001:2000**

STAINLESS STEEL FORGED FLANGES, 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 9001:2000**

STAINLESS STEEL PLATE FLANGES

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, 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 9001:2000**

STAINLESS STEEL PIPE, WELDED & SEAMLESS, 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**
Manufacturing Facility is **ISO 9001:2000**

STAINLESS STEEL NIPPLES, WELDED & SEAMLESS, 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 9001:2000**

Stainless Steel Tubing, Welded & Seamless

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

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