



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**
Flange faces are serrated per MSS SP-6, Class 250 flanges are raised face
Hot-Dipped Galvanizing conforms to ASTM **A153**
CLASS 125 Fittings are **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 Galvanizing conforms 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, ISO 14001** and **BS EN 10204 TYPE 3.1**
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 9001:2008**

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, ISO 14001** and **BS EN 10204 TYPE 3.1**
Ductile Iron Fittings have SCI Trademark and are 100% Air Tested

COOPLET[®] THREADED WELD OUTLETS

Seamless Steel Pipe conforms to ASTM **A106** Grade B
NPT threads conform to ASME **B1.20.1**
UL listed and **FM approved** at **300psi** on 30 different types of sprinkler pipe
Manufacturing Facility is **ISO 9001:2008, ISO 14001** and **BS EN 10204 TYPE 3.1**

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COOPLET® GROOVED WELD OUTLETS

Sch 40 Steel Pipe conforms to ASTM A53

Cut grooves conform to AWWA C606

UL listed and FM approved at 300psi on 30 different types of sprinkler pipe

Manufacturing Facility is ISO 9001:2008, ISO 14001 and BS EN 10204 TYPE 3.1

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, ISO 14001 and BS EN 10204 TYPE 3.1

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)

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 approved 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 and BS EN 10204 TYPE 3.1

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, ISO 14001 and BS EN 10204 TYPE 3.1

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)

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STEEL SEAMLESS NIPPLES SCH 40, SCH 80 & XXH

Seamless Steel Pipe used conforms to ASTM A106 Grade B and ASTM A530

Seamless Steel Nipples conform to ASTM A733

NPT threads on nipples conform to ASME B1.20.1

Manufacturing Facility is ISO 9001:2008, ISO 14001 and BS EN 10204 TYPE 3.1

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 B584, 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 C89833

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)

BRONZE FLANGES CLASS 150 (THAILAND and CHINA)

Bronze Castings conform to ASTM B584, 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 Nipples conform to AWWA C800

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 & SOCKET-WELD FITTINGS, TYPE 304 & 316, CLASS 150 & 1000

Stainless Castings conform to ASTM A351

Stainless Wrought Fittings conform to ASTM A182, Barstock to ASTM A276

NPT Threads conform to ASME B1.20.1

Stainless Fittings have SCI Trademark

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

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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 and BS EN 10204 TYPE 3.1**

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 BUTTWELD 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 INSTRUMENTATION (COMPRESSION) FITTINGS

Fittings meet ASME B31.1, ASME B31.3, ASME Section VIII
Fitting wall thickness conforms to SAE-J-514
NPT pipe threads conform to ASME B1.20.1
Fitting materials conform to ASTM A-276 (Barstock) or ASTM A-182 (Forgings)

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

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**

Mark Martelle

Mark Martelle
Product Engineer

Revision : 10/27/16