



SMITH-COOPER<sup>®</sup>  
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 9001:2015**

### **CAST IRON FLANGES, CLASS 125 & 250**

Grey Iron Castings conform to ASTM **A126** and ASTM **A48**  
Flange Dimensions conform to ASME **B16.1** and ANSI/AWWA **C110/21.10**  
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 9001:2015**

### **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 9001:2015, 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 **A536**  
Flanged Fitting Dimensions conform to ANSI/AWWA **C110/21.10** and ASME **B16.42**  
Flange faces are serrated per MSS SP-6, Class 300 flanges are raised face  
Hot-Dipped Galvanizing conforms to ASTM **A153**  
Manufacturing Facility is **ISO 9001:2015**

### **DUCTILE IRON FLANGES, CLASS 150 & 300**

Ductile Iron Castings conform to ASTM **A536**  
Flange Dimensions conform to ANSI/AWWA **C110/21.10** and ASME **B16.42**  
Flange faces are serrated per MSS SP-6, Class 300 flanges are raised face  
Hot-Dipped Galvanizing conforms to ASTM **A153**  
Flange Threads conform to ASME **B1.20.1**  
Manufacturing Facility is **ISO 9001:2015**

### **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 9001:2015, ISO 14001** and **BS EN 10204 TYPE 3.1**  
Ductile Iron Fittings have SCI Trademark and are 100% Air Tested

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## 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 9001:2015, ISO 14001 and BS EN 10204 TYPE 3.1

## 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 9001:2015, 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 9001:2015, 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 9001:2015

## 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 9001:2015

## 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 9001:2015 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 Grade A

Welded Steel Nipples conform to ASTM A733

NPT threads on nipples conform to ASME B1.20.1

Manufacturing Facility is ISO 9001:2015, 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 9001:2015, 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 9001:2015**

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 9001:2015**

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 9001:2015**

## **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**

Stainless Fitting conform to NACE **MR0175-15**

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

Stainless Fittings have SCI Trademark

Manufacturing Facility is **ISO 9001:2015**

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

Forged Stainless Steel Material conforms to ASTM **A182**

Forged Stainless Steel Flange Dimensions conform to ASME **B16.5**

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

Manufacturing Facility is **ISO 9001:2015**

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## **STAINLESS STEEL FORGED FITTINGS & OUTLETS, TYPE 304 & 316**

Forged Stainless Steel Material conforms to ASTM **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 9001:2015 and BS EN 10204 TYPE 3.1**

## **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 9001:2015**

## **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)  
Manufacturing Facility is **ISO 9001:2015**

## **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 9001:2015**

## **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 9001:2015**

## **STAINLESS STEEL TUBING, WELDED & SEAMLESS, TYPE 304 & 316**

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

## **GROOVED END BALL VALVES**

Grooved Ball Valve Body material conforms to ASTM **A536**  
Ball material conforms to ASTM **A182 F316**  
Groove dimensions conform to AWWA **C606**  
Manufacturing Facility is **ISO 9001:2015**

## **GROOVED END BUTTERFLY VALVES, LOW PROFILE**

Grooved Ball Valve Body material conforms to ASTM **A536**  
Ball material conforms to ASTM **A182 F316**  
Groove dimensions conform to AWWA **C606**  
Manufacturing Facility is **ISO 9001:2015**

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## **GROOVED END SWING CHECK VALVES**

Grooved Ball Valve Body material conforms to ASTM A536

Disc material conforms to ASTM A182 F316

Groove dimensions conform to AWWA C606

Manufacturing Facility is ISO 9001:2015

## **GROOVED END SWING CHECK VALVES W/ BONNET**

Grooved Ball Valve Body material conforms to ASTM A536

Disc material conforms to ASTM A182 F316

Groove dimensions conform to AWWA C606

Manufacturing Facility is ISO 9001:2015

*Mark Martelle*

Mark Martelle  
Product Engineer

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