



COLUMBIA PLANT
ISO 9001:2015 Certified Facility

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CERTIFICATE OF COMPLIANCE

This is to certify that the following products with an logo are manufactured by ASC Engineered Solutions, Columbia, PA from materials produced substantially in the United States and they comply with the requirements of the Buy America Act, and Federal Acquisition Regulation FAR 52-225-11.

They also comply with the following specifications:

MALLEABLE IRON PRODUCTS

| | | |
|-----------------|----------|----------------------|
| Material | | ASTM A197 |
| Dimensions | Fittings | ANSI / ASME B16.3 |
| | Bushings | ANSI / ASME B16.14 |
| Threads | | ANSI / ASME B.1.20.1 |
| Pressure Rating | Fittings | ANSI / ASME B16.3 |
| | Bushings | ANSI / ASME B16.14 |
| Markings | | MSS SP-25 |
| Galvanizing | | ASTM A153 |

NOTE: Anvil malleable iron fittings are UL/ULC listed. All pressure fittings are FM approved.

CAST IRON (Gray Iron) PRODUCTS

| | | |
|-----------------|------------------------------------|--------------------|
| Dimensions | Blind, Companion, Reducing Flanges | ANSI / ASME B16.1 |
| | Fittings | ANSI / ASME B16.4 |
| | Bushings/Plugs | ANSI / ASME B16.14 |
| Material | | ASTM A126 |
| Threads | | ANSI B.1.20.1 |
| Galvanizing | | ASTM A153 |
| Pressure Rating | | ANSI / ASME B16.4 |

NOTE: Gray iron threaded fittings and plugs are UL/ULC listed. Most gray iron products are FM approved. Figure 367 concentric reducers meet ANSI/ASME B16.4 material and dimensional requirements except for the overall length.

GRUVLOK PRODUCTS

| | |
|---------------------|---|
| Material - Castings | ASTM A536, Grade 65-45-12, Ductile Iron |
| | ASTM A47, Grade 32510, Malleable Iron |
| Coupling Bolts | SAE J429, Grade 5 |
| Coupling Nuts | ASTM A563 |
| Gaskets | EPDM: ASTM D2240, D412, D395, D865 |
| | T (Nitrile): ASTM D2240, D412 |
| Coatings | Paint: Rust Inhibiting/Lead-Free Paint, Orange Standard |
| | Hot Dip Galvanizing: ASTM A153, Class A |
| | Zinc Plating: ASTM B633 Class Fe/Zn5 Type III |

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