



2.8 - A & B UNIONS

WARD MANUFACTURING

P.O. Box 9
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To whom it may concern:

I hereby certify that our products listed below comply with the current specification. The products listed below are made with pride in Blossburg, Pennsylvania, USA.

CL 150 Malleable Iron Threaded Fittings

Fed. Spec. WW - P - 521		
ASME	B16.3	(Dimensions)
ASTM	A-197	(Chemical & Physical Properties)
ASTM	A-153	(For Galvanized Product)
ANSI/ASME	B1.20.1	(Tapered Pipe Threads)

CL 300 Malleable Iron Threaded Fittings

ASME B16.3 (Dimensions)		
ASTM A-197 (Chemical & Physical Properties)		
ASTM A-153 (For Galvanized Product)		
ANSI/ASME B1.20.1 (Tapered Pipe Threads)		

3 >>>>>>>> Unions, Union Fittings, Flange Unions & Companion Flanges

CL 150 Malleable Iron to Brass Seat, Iron to Iron Unions		
Fed. Spec. WW - U - 531		ASME B16.39
CL 250 Malleable Iron to Brass Seat, Unions		
Fed. Spec. WW - U - 531		ASME B16.39
CL 300 Malleable Iron to Brass Seat, Iron to Iron Unions		
MIL - U - 18250		ASME B16.39
CL 125 - CL 250 Cast Iron Flanges		
ASTM A-126		ASME B16.1
ASTM A-153		(Chemical & Physical Properties)
ANSI/ASME B1.20.1		(For Galvanized Product)
(Tapered Pipe Threads)		

Bushings and Plugs

Fed. Spec. WW - P - 471		
ASME	B16.14	(Dimensions)
ANSI/ASME	B1.20.1	(Tapered Pipe Threads) Supersedes B-2-1
ASTM	A-197 or	(Chemical & Physical Properties)
	A-126	
ASTM	A-153	(For Galvanized Product)

CL 125 Cast Iron Threaded Fittings

Fed. Spec. WW - P - 501		
ASME	B16.4	(Dimensions)
ASTM	A-126	(Chemical & Physical Properties)
ASTM	A-153	(For Galvanized Product)
ANSI/ASME	B1.20.1	(Tapered Pipe Threads)

Top Beam & C-Clamps

ASTM	A-197	(Chemical & Physical Properties)
ASTM	A-153	(For Galvanized Product)
UL	203	(Test Parameters)

Drainage Fittings

ASME	B16.12	(Dimensions)
ASTM	A-126	(Chemical & Physical Properties)
ASTM	A-153	(For Galvanized Product)
ANSI/ASME	B1.20.1	(Tapered Pipe Threads)

Cast Iron Flanges

ASME	B16.1	(Dimensions)
ASTM	A-126	(Chemical & Physical Properties)
ASTM	A-153	(For Galvanized Product)
ANSI/ASME	B1.20.1	(Tapered Pipe Threads)

WARDLOX Plain-End Fittings

ASTM	A-126	(Chemical & Physical Properties, Housing)
ASTM	D2000	(Gaskets, Temperature Range)
ANSI/ASME	B1.20.1	(Tapered Pipe Threads)

TEE-LOX Mechanical Branch Connectors

ASTM	A-126	(Chemical & Physical Properties, Housing)
ASTM	D2000	(Gaskets, Temperature Range)
ANSI/ASME	B1.20.1	(Tapered Pipe Threads)

Full Standard Merchant Couplings

ASTM	A-865	(Dimensions)
ASTM	A-53	(Chemical & Physical Properties)
ANSI/ASME	B1.20.1	(Tapered Pipe Threads)

Half Standard Merchant Couplings

ASTM	A-865	(Dimensions)
ASTM	A-53	(Chemical & Physical Properties)
ANSI/ASME	B1.20.1	(Tapered Pipe Threads)

Welded Steel Pipe Nipples

ASTM	A-733	(Dimensions)
ASTM	A-53	(Chemical & Physical Properties)
ANSI/ASME	B1.20.1	(Pipe Threads)

Sincerely,


Jim Belawski
Manager of Quality Assurance