

MUELLER STREAMLINE CO.

8285 TOURNAMENT DRIVE, SUITE 150
MEMPHIS, TN 38125
(901) 753-3200



Date: July 6, 2011

Subject: **Product Standards - Copper Fittings**

Mueller Streamline Co. provides Streamline® brand copper and brass fittings which are manufactured to meet the following specifications:

STANDARDS:

- Wrought Copper and Copper Alloy Solder Joint Pressure Fittings are produced in strict accordance with ASME B16.22.
- Wrought Copper Solder Joint Pressure fittings are produced in strict accordance with MSS SP-104.
- Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings (DWV) are produced in strict accordance with ASME B16.29.
- Cast Copper Alloy Solder Joint Pressure Fittings are produced in strict accordance with ASME/ ANSI B16.18.
- Cast Bronze Threaded Fittings are produced in strict accordance with ASME/ ANSI B16.15.
- Cast Copper Alloy Solder Joint Drainage Fittings (DWV) are produced in strict accordance with ASME/ ANSI B16.23.
- Class 150- Cast Copper Flanges are produced in strict accordance with MSS SP- 106 and/or the workmanship and dimensional of Federal Specification WW-F-406, ASME B16.24.
- Class 125 Bronze Pipe Flanges and Flanged Fittings are produced in strict accordance with MSS SP- 106.
- Welded Fabricated Copper Solder Joint Pressure Fittings are produced in strict accordance with MSS SP- 109.
- Threaded and Solder Joint Copper Unions are produced in strict accordance with MSS SP- 123.

The material used to manufacturer these fittings are also in compliance with the following specifications:

- Copper Sheet, Strip and Plated Rolled Bar are produced in strict accordance with ASTM B152; Alloy C11000.
- Copper Alloy Sand Castings, for General Applications, are produced in strict accordance with ASTM B584; Alloy C84400. Federal Specification WW-U-516 for type III, Class A and B Copper Alloy Unions.
- Round Seamless Copper Tube, for General Engineering Applications, is produced in strict accordance with ASTM B75; Alloy C12200 or Alloy C10200.

NSF 61 Restriction Statement: "Copper Tube (Alloy C12200) is certified by NSF to ANSI/NSF Standard 61 for public water supplies meeting or in the process of meeting the U.S. EPA Lead and Copper Rule (56FR 26460, June 7, 1991). Water supplies with pH less than 6.5 may require corrosion control to limit copper solubility in drinking water."