Mueller Streamline Co.
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Date: May 17, 2017
Subject: **Product Standards - Copper Fittings**

Mueller Fittings Co. Inc. manufactures or supplies product which are manufactured to meet the following specifications.

STANDARDS:

- ASME B16.22: Wrought Copper and Copper Alloy Solder Joint Pressure Fittings
- MSS SP-104: Wrought Copper Solder Joint Pressure Fittings
- ASME B16.29: Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings - DWV
- ASME/ANSI B16.18: Cast Copper Alloy Solder Joint Pressure Fittings
- ASME/ANSI B16.15: Cast Bronze Threaded Fittings
- ASME/ANSI B16.23: Cast Copper Alloy Solder Joint Drainage Fittings DWV
- ASME/ANSI B16.26: Cast Copper Alloy Fittings for Flared Copper Tube
- NSF/ANSI 61-G: Drinking Water System Components
- MSS SP-106: Class 150-Cast Copper Flanges shall meet the requirements of MSS SP-106 and/or the workmanship and dimensional of Federal Spec. WW-F-406 ASME B16.24.
- MSS SP – 106: Class 125 Bronze Pipe Flanges and Flanged Fittings
- MSS SP – 109: Welded Fabricated Copper Solder Joint Pressure Fittings
- MSS SP - 123: Threaded and Solder Joint Copper Unions

The materials used to manufacture these fittings are also in compliance with the following specifications:

Products Made From Sheet:

- ASTM B152 Alloy C11000: Standard Specification for Copper Sheet, Strip, Plated Rolled Bar Cast Products
- ASTM B584 Alloy C84400: Standard Specification for Copper Alloy Sand Castings
  - Or Alloy C87850: General Applications: Federal Specification WW-U-516
  - Or Alloy C87600: Type III, Class A and B Copper Alloy Unions
  - Or Alloy C89836: General Applications

Copper Fittings:

- ASTM B75 Alloy C12200: Standard Specification for Seamless Round, Copper Tube*
  - Or Alloy C10200: General Engineering applications

Copper [tube or fitting] UNS C122000 has been evaluated by NSF International to NSF/ANSI 61 for use in drinking water supplies of pH 6.5 and above. Drinking water supplies that are less than pH 6.5 may require corrosion control to limit leaching of copper into the drinking water.