



**PRODUCT CERTIFICATION - SOLDER, BRAZED AND
THREADED COPPER AND COPPER ALLOY FITTINGS**

Elkhart Products Corporation manufactures and supplies products which meet material and performance requirements defined in the latest version of the following standards:

MSS Standards:

- SP73 Brazing Joints for Copper and Copper Alloy Fittings
- SP104 Wrought Copper Solder Joint Fittings
- SP106 Cast Copper Alloy Flanged Fittings; Classes 125, 150 and 300
- SP109 Welded Fabricated Copper Solder Joint Pressure Fittings
- SP123 Non-Ferrous Threaded and Solder Joint Unions for use with Copper Water Tube

ASME/ANSI Standards:

- B16.15 Cast Bronze Threaded Fittings
- B16.18 Cast Copper Alloy Solder Joint Pressure Fittings
- B16.22 Wrought Copper and Copper Alloy Solder Joint Pressure Fittings
- B16.23 Cast Copper Alloy Solder Joint Drainage Fittings- DWV
- B16.24 Bronze Pipe Flanges and Flanged Fittings
- B16.26 Cast Copper Alloy Fittings and Flared Copper Tube
- B16.29 Wrought Copper and Copper Alloy Solder Joint Drainage Fittings
- B16.50 Wrought Copper and Copper Alloy Braze Joint Pressure Fittings

Copper products produced per ASME/ANSI B16.22 and B16.50 as well as lead free cast products (exempt per Annex III, 6c) produced per ASME/ANSI B16.18 and B16.26 comply with the European Union's RoHS Directive, 2011/65/EU; Restrictions of Hazardous Substances, including current amendments.

Materials used to manufacture fittings per the standards listed above are in compliance with the current version of the following standards:

- Tubular Wrought Copper: ASTM B75, Alloy C12200 (0% Pb)
- Products Made from Copper Bar: ASTM B301, Alloy C14500 (0% Pb)
- Products Made from Copper Sheet: ASTM B152, Alloy C11000 (0% Pb)
- Cast Products: ASTM B584, Alloy C84400 (7% Pb Max.)
- Or
- ASTM B584, Alloy C89833 or C87700 (0.25% Pb Max)

Elkhart Products Corporation
A Division of Aalberts Industries
Robert Nichols

Robert Nichols
Product Engineering Manager

Subscribed and sworn to before me
On this 15th day of Nov 2018

NOTARY PUBLIC

Mary Minier

MARY MINIER
Notary Public - Seal
State of Indiana
Lagrange County
My Commission Expires Aug 18, 2022

