

## COPPER TUBE CERTIFICATION OF CONFORMANCE FOR PLUMBING AND MECHANICAL APPLICATIONS

### Product Description:

BISON METAL TECHNOLOGIES ® Copper Tube for use in plumbing and mechanical application. Available sizes (Type K, L, & M) ranging from 1/4" to 2-1/8" in diameter. All tube shall be manufactured in the United States and are fully compliant with the "Buy American" requirements of Public Law 111-5, the American Recovery and Investment Act of 2009.

### Material:

BISON METAL TECHNOLOGIES ® Copper Tube is manufactured in Shawnee, Ok from UNS C12200 grade of copper.

### Key Specifications:

BISON METAL TECHNOLOGIES ® Copper Tube (Type K, L, & M) is certified to the NSF/ANSI/CAN 61 & 372 requirements and is manufactured to meet ASTM B88. Copper refrigeration coils and made to meet the chemical, mechanical, cleanness and eddy current testing requirements of the applicable specifications of ASTM B280.

Copper tubing manufactured by BISON METAL TECHNOLOGIES ® does not contain mercury or come in contact with mercury and BISON METAL TECHNOLOGIES ® copper tube is confirmed as lead free in meeting specification for alloy UNS C12200 which requires a minimum copper plus silver content of 99.9% and phosphorous content between 0.015% - 0.040%.

### Specification References:

C12200	99.9% Pure Copper (can be used for potable water)
ASTM B88	Seamless Copper Water and Gas Tube (Type K.L.M)
ASTM B280	Seamless Copper Tube for Air Conditioning and Refrigerants
NSF/ANSI/CAN 61 & 372**	Drinking Water System Components Health Effects Safe Drinking Water Act (third party certification)

*\*\* Copper Tube UNS C122000 has been certified by NSF to NSF/ANSI/CAN 61 & 372 for use in drinking water. Use of the material may not be appropriate in all water chemistries. Copper (tube, pipe, or fittings) may require corrosion control to limit the leaching of copper into drinking water under certain water chemistries. Refer to informative Annex I-6.1 of NSF/ANSI/CAN 61 for water quality considerations to be used before installing this product. Product is certified to NSF/ANSI/CAN 372 and conforms to the lead content requirements for "lead free" plumbing as defined by the state laws of California, Vermont, Maryland, and Louisiana and the U.S. Safe Drinking Water Act.*