

## **Informational Sheet – Lead (Pb) Content in Copper Tubing**

### **NSF International Develops Standard for Low Lead Plumbing Products In Support of New Requirements in California**

*Lead Reduction Requirements Effective by January 4, 2014*

ANN ARBOR, Mich. – Effective January 4, 2014, all *pipes, pipe fittings, plumbing fittings and fixtures* used for potable water must meet new lead-free requirements as defined in the US Safe Drinking Water Act (SDWA). The SDWA will require all drinking water products sold or installed for public waters systems or plumbing facilities to meet a weighted average lead content of no more than 0.25%. Solder and flux continue to be held to 0.20%.

Annex G – *Weighted Average Lead Content Evaluation Procedure to a 0.25 Percent Lead Requirement* allows manufacturers to demonstrate compliance to California legislation that limits the weighted average of lead content in plumbing products, which come in contact with drinking water, to 0.25 percent.

NSF International has certified that the products appearing on their Official NSF Listing, recorded on September 19, 2017, for Bison Metals Technologies, is in conformance to the requirements of NSF/ANSI Standard 61 - Drinking Water System Components - Health Effects.

Product is Certified to NSF/ANSI 372 and conforms with the lead content requirements for “lead free” plumbing as defined by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act.

Bison Metals Technologies certifies that the copper tubing manufactured by Bison Metals Technologies is copper alloy UNS C12200 and meets the chemical requirements of the current specification(s) indicated below. All of the specifications require a minimum copper plus silver content of 99.9% and phosphorus content between 0.015 - 0.040%. As indicated by the compositional requirements, the copper tube is essentially lead free.

If you have any questions, please feel free to contact our Quality Department at 833.90.BISON or [heath.payne@bisonmetals.com](mailto:heath.payne@bisonmetals.com)

Bison Metals Technologies

Heath R Payne  
Director of Quality Processes

| Tube Type                                 | Specification No. | Specification Name   |
|---|-------------------|--|
| Type K, L & M Water Tube                  | ASTM B88          | Standard Specification for Seamless Copper Water Tube  |
| Coils and Straight Marked (Annealed Only) | ASTM B280         | Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service |

**Bison Metals Technologies, LLC**  
*“Exceeding Customer Expectations”*