



# CAMBRIDGE-LEE INDUSTRIES, LLC.

Reading Tube Division

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<b>Distributor:</b>	<b>Customer:</b>
<b>Address:</b>	<b>Address:</b>
<b>Order No.:</b>	<b>P.O. No.:</b>
<b>Product:</b>	

## Standard Tube Certificate of Conformance

Tube Type	Specification No. *	Specification Title
Type K, L & M	ASTM B 88  NSF 61	Standard Specification for Seamless Copper Water Tube  ANSI/NSF Standard 61 Drinking Water System Components Health Effects <sup>1</sup>
Coils and Straight Lengths Marked as ACR	ASTM B 280	Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service
Type DWV Drainage	ASTM B 306	Standard Specification for Copper Drainage Tube (DWV)
Type K & L Straight Lengths Marked as OXY/MED	ASTM B 819	Standard Specification for Seamless Copper Tube for Medical Gas Systems

Cambridge-Lee Industries, LLC, located in Reading, PA, USA, manufactures seamless copper tubing in the United States of America and is fully compliant with the "Buy American" requirements of Public Law 111-5, the American Recovery and Investment Act of 2009.

Cambridge-Lee Industries, LLC, manufactures seamless copper tubing with recycled scrap. Our production meets the LEED, Leadership in Energy and Environmental Design qualifications. The process of scrap recycling entails the purchase of #1 grade scrap and converting it in a finished cast form, which meets specification; alloy C12200, for standard product production. Currently, operations purchases about 65% of #1 scrap. The remaining capacity is cathode copper and run around.

Cambridge-Lee Industries, LLC certifies that the copper tube manufactured is grade UNS C12200 and meets the applicable chemical, mechanical, cleanness and eddy current testing requirements of the current specification(s) indicated above.

When specified at order placement and for an additional cost, CLI – RTD can supply product mill test reports of the current ASTM standard.

Copper tube manufactured by Cambridge-Lee Industries does not contain mercury or come in contact with mercury, mercury compounds or mercury containing devices at any stage in manufacturing, inspection, packaging or shipping.

All of the specifications require a minimum copper plus silver content of 99.9% and phosphorus content between .015 - .040%. As indicated by the compositional requirements, the copper tube is essentially lead free.

<sup>1</sup> NSF Standard 61 Restriction Statement: "Seamless Copper Tube (Alloy C12200) is certified by NSF to NSF/ANSI Standard 61 for public water supplies meeting, or in 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." Some water supplies may be corrosive to copper and in these cases water treatment may be necessary.