



Crane  
Copper  
Tube

# Certification of Quality



## NSF/ANSI STANDARD 61

Drinking Water System Components - Health Effects  
Tubing/Hose  
Copper Tube >= 3/16" OD  
Level Wound Coil >= 3/16" OD  
Pancake Coil >= 3/16" OD  
Straight Tube Type K, L, M >= 3/16" OD



## UPC - ASTM B88

Copper Water Tube - ASTM B88 - Type K, L, M  
Hard drawn & Soft annealed copper water tube  
in various types & sizes  
Products comply with the applicable sections of the latest edition  
of the Uniform Plumbing Code,  
Manufactured in compliance with ASTM B88-2009,  
Tested by an IAPMO R&T recognized laboratory.



## ISO 14001

Environmental Management System  
Scope of Supply:  
The manufacture and servicing of Copper  
Billets & Copper Tube



## DVGW

GW 392 - Copper and copper alloys -  
products of gas and water supply

GW 1057 - Copper and copper alloys -  
Seamless, round copper tubes for water and gas  
in sanitary and heating applications.



## ISO 9001

Quality Management System  
Scope of Supply:  
The manufacture and servicing of Copper  
Billets & Copper Tube



## RoHS

Restriction of use of certain Hazardous Substances

- 1) Level Wound Coil
  - 2) Straight Tube
  - 3) Pan Cake Coil
- Tested by SGS Korea



## AUSTRALIA STANDARDSMARK AS/NZS 1571

AS/NZS 1571 - 1995 Copper Seamless Tubes for Airconditioning  
and Refrigeration  
Assured by QAS: Quality Assurance Service Pty Limited A.C.N



## UL 700 PSI R410A

Tubing, Refrigerant - Component  
PCC: 1/4"OD - 1-1/8"OD  
ASTM B280 Standard and Economy Size  
Straight Tube: 1/4"OD - 2-1/2"OD  
ASTM B280 and ASTM B819 Type K, L standard  
Tested by UL



## JAPANESE INDUSTRIAL STANDARDIZATION - JIS H 3300

JIS H 3300: Copper and copper alloy seamless  
pipes and tubes  
Certified by Korean Standards Association



## KITEMARK

Copper and copper alloys, seamless, round copper tubes  
for water and gas in sanitary and heating applications.



## AUSTRALIA WATERMARK

AS 1432 - Copper Tubes for Plumbing, Gasfitting and  
Drainage Application  
EN 13348 - Copper and copper alloys, Seamless,  
round copper tubes for medical



## WARNOCK HERSEY ASTM B88 / B280 / B306 / B837

- 1) ASTM B88 - Type K, L, M; Seamless Copper Metal Tube
- 2) ASTM B280 - ACR: Seamless Copper Tube for  
Air Conditioners & Refrigeration Field Service
- 3) ASTM B306 - DWV: Seamless  
Copper Tube for DWV, Drain & Sewer
- 4) ASTM B837 - GAS: Seamless Copper Tube for Natural Gas  
& Liquefied Petroleum (LP) Gas Fuel Distribution System  
Tested by an INTERTEK



## AUSTRALIA STANDARDSMARK BS EN 13348

BS EN : 13348 : 2008 - Copper and copper alloys,  
Seamless, round copper tubes for  
medical gases or vacuum