



AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report(s). This authorization also applies to the Multiple Listee model(s) identified on the correlation page of the Listing Report. This document is the property of Intertek Testing Services and is not transferable. The Certification Mark(s) may be applied only at the location of the Party Authorized to Apply Mark.

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Party Authorized to Apply Mark: See following page(s)

Evaluation Center: Intertek (Coquitlam)

Control/Client Number: 27408

Authorized By: 
Bob Davison, Director, Certification Services

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This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Testing Standard{s):	ASTM B280 (1999)
Product:	Nungwon Metal Ind. Seamless Copper Tube for Air Conditioning & Refrigeration Field Service

ATM for Report 478-3902-1/01; 478-3024549-1/01

ATM Issue Date: 04/13/2012

Listing Section(s): PRESSURE

CSI Code: 22 40 00 Plumbing Fixtures

Description:

Seamless Copper Water Tube for Air Conditioners & Refrigeration Field Services, Type ACR; Temper (H58), Soft Temper (060): 3/8", 1/2", 5/8", 3/4", 7/8" 1-1/8", 1-3/8", 1-5/8", 2-1/8", 2-5/8", 3-1/8", 3-5/8", 4-1/8" (Straight); 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8" Nominal (Coil).

Tested to: ASTM-B280

Also evaluated to the following:

Rigid (Vinyl Chloride) (PVC) Pipe and Seamless Copper Water Tube, for use in portable water, pressure application.

Products are tested to one or more of the following, as identified in the individual listings:

CSA-B137.0, Definitions, General Requirements, and Methods of Testing for Thermoplastic Pressure Piping

CSA-B137.3, Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure Applications

CSA-B137.5, Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications

ASTM-B88 ('83/'89), Seamless Copper Water Tube

FM Approval Standard, Class No. 1610, Plastic Pipe and Fittings for Underground Fire Protection Service.

All required marking must be permanent, legible and visible after manufacture. Markings consist of the WHI Certification Mark and the markings required by the relevant standard(s).

**Party(s) Authorized by
Manufacturer To Apply Mark:**

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**Party(s) Authorized by Other Parties To Apply
Mark:**

None