

# Swedish Technical Approval

## SC1074-11

and decision on production control, in accordance with chapter 8, 22 and 23 §§ Planning- and Building Act (2010:900), PBL

### Copper tubes for water supply installations

#### Holder

Halcor Metal Works S.A., 62<sup>nd</sup> National Rd Athens-Lamia, 320 11 Inofyta Viotia, Greece.  
VAT number: EL094061318.

Tel: +30-2262-0-48797, fax: +30-2262-0-48914.

E-mail: [info@halcor.com](mailto:info@halcor.com) Internet: [www.halcor.com](http://www.halcor.com)

#### Product

Halcor copper tubes are manufactured according to standard SS-EN 1057.

Copper tubes with temper R290 (hard) are available in following dimensions:

(12×1.0, 15×1.0, 18×1.0, 22×1.0, 28×1.2, 35×1.5, 42×1.5, 54×1.5, 70×2.0, 76.1×2.0, 88.9×2.0 and 108×2.0) mm.

Copper tubes with temper R250 (half hard) are available in dimension 15x1.0 mm.

#### Intended use

The copper tubes are intended to be used in tap water installations where the quality of the water is equivalent to tap water from municipal water treatment works and with water velocities not causing corrosion.

#### Trade name

Talos copper tubes.

#### Approval

The products satisfy the requirements set forth in chapter 8, 4 § 3 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR):

Installations for drinking water*	6:62,	1st sentence and 2nd paragraph
Design	6:625,	1st and 4th paragraph

\* The products complies with Boverkets (the National Board of Housing, Building and Planning) updated requirements for drinking water, described in BBR 21, 2014-06-17.

#### Associated documents

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## Control

The factory production control (FPC) is monitored by an independent inspection body.  
Control agreement: VTT\_A\_00085\_16. Inspection body: VTT Finland.

When the building proprietor performs inspection at the building site, he shall check the markings to ensure that the correct products have been supplied and that they are used in accordance with the requirements stated in the approval. He must also check that the product is accompanied by a manufacturing assurance, which certifies that the product has been manufactured in accordance with the documents on which this approval is based.

## Manufacturer

Production control includes the following site:  
Halcor Metal Works S.A., 62<sup>nd</sup> National Rd Athens-Lamia, Inofyta Viotias, Greece.

## Marking

The products are to be marked at the factory.  
The marking consists of a label on every packing and text on tube supplied and includes:

### Packing are marked with:

Approval holder  
Trade name  
Boverket's registered trademark  
Certification body and accreditation number  
Approval number  
Dimension  
Inspection body

**Halcor Metal S.A.**  
**Talos**  
**†**  
**SP Certifiering 1002**  
**SC1074-11**  
**Dy x T**  
**VTT**

### Tubes are marked with:

Trade name  
Boverket's registered trademark  
Approval number  
Actual standard  
Dimension  
Consecutive manufacture date of production

**Talos**  
**†**  
**SC1074-11**  
**EN1057**  
**Dy x T**  
**date**

Tubes are marked on the surface with a gap not more than 0,5m.

## Basis for approval

Reports 488547 and 10909 from Swerea KIMAB.

## Comments

Those tubes are approved according to NKB 11 "Copper tubes for tap water installations", dated October 1989, adding that the stringent requirement of carbon quantity after combustion analysis according to SS-EN 1057:2006, section 7.5, have been met.

This approval supersedes the previous approval with the same number dated 24 April 2014.



### **Period of validity**

This approval is valid until 12 February 2022.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

### **SP Technical Research Institute of Sweden Certification**

Ingvar Pettersson

Marcus Tillman