



DECLARATION OF PERFORMANCES num. 01.13

The undersigned, representing the following

**LA FARGA TUB, S.L. – Ctra. C-17, Km. 73,5, Colonia Lacambra
08509 Les Masies de Voltregà, SPAIN**

Herewith declare that seamless round copper tubes having an outside diameter between 8 mm and 54 mm., suitable for use in:

- ◆ distributing networks for hot and cold water.
- ◆ hot water heating systems, including panel heating systems, (under-floor, wall, overhead).
- ◆ domestic gas and liquid fuel distribution, also other liquids.
- ◆ waste water sanitation and other waste liquids and waste gas.
- ◆ fire fighting systems.
- ◆ pressure and vacuum systems.

Are in conformity with the provisions of the following EC Directives when installed in accordance with nacional regulations

305/2011 EU Construction Products Regulation

97/23/CE EU Pressure Equipment Directive

And meet the requirements of the following harmonised standard :

EN 1057: 2006 Copper and copper alloys – seamless roun copper tubes for water and gas in sanitary and heating applications.

Details of notified Certification body: number DPC 0679

CSTB

84, avenue Jean Jaurès
Champs sur Marne
F-77447 Marne la Vallée CEDEX 2

Tests report n° : **CA 08-036**



Joan Tantinyà Hijano
Quality manager - Factory Les Masies de Voltregà
18th April 2013

BASIS FOR DECLARATION OF PERFORMANCES

EN 1057: 2006 Annex ZA

Conformance with EU Construction products regulation num.305/2011:

Essential Characteristics	Result	Comment
Reaction to fire	Clase A1	Comisión decision 96/603/CE as amended 2000/605/CE
Crushing Strength	NPD	Derives from wall thickness and mechanical properties.
Internal pressure	NPD	Derives from wall thickness and mechanical properties.
Dimensional tolerances	Pass	All tubes required to meet dimensional tolerances
Resistance to high temperature (for heating networks)	Suitable for use up to 120°C	Properties of copper do not reduce significantly at temperatures used in heating networks (i.e. up to 120°C). Copper can be used at higher temperatures with appropriate allowances made for strength reduction.
Weldability for gas networks	Pass	Suitability for welding is a characteristic of the copper grade used and assured by control of material composition.
Tightness (gas and liquid)	Pass	All tubes subjected to a freedom from defect test.
Durability of crushing strength, internal pressure and tightness	Pass	Tubes required to meet surface quality requirements.

NPD : No Performance Determined

EN 1057: 2006 Annex ZB

Conformance with EU Pressure Equipment Directive 97/23/CEE

Essential Characteristics	Comment
Material Properties – brittle fracture prevention	Copper, having a FACE centred cubic structure, does not suffer from brittle fracture.
Conformity of Material and certified documentation	Certification is required to be provided when requested.

GENERAL COMMENTS

- ◆ The CE mark is a passport for free trade across Europe. It does not replace existing nacional regulations for specific application (e.g. water, gas, sanitary and heating, etc.)
- ◆ Copper tube remains suitable for drinking water applications Ander nacional regulations.