



CE DECLARATION OF CONFORMITY

The manufacturer, **The Lawton Tube Company, Torrington Avenue, Coventry, CV4 9AB.**

Declare that the seamless round copper tubes having an outside diameter of 6mm to 219mm, 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 also waste gas.
- Firefighting systems
- Pressure and vacuum systems
- Storage fixtures

Comply with the requirements of the following EU Regulations and EC directive when installed in accordance with national regulations.

EU 305/2011 EU-Construction Products Regulations(CPR)

2014/68/EU EU Pressure equipment directive (PED)

and meet the requirements of the following corresponding standards

EN 1057 :2006 + A1:2010

Annex ZA. System 3

Copper & copper alloys – seamless round copper tubes for water and gas in sanitary and heating applications

Notified Body number 0086

BSI - British standards Institute

389 Chiswick High Rd, Chiswick, London W4 4AL

Assessed the performance based on testing, calculation and documentation of the construction product under system 3 and issued as:

Certificate Number: 0086-CPD-544438



BASIS FOR CE DECLARATION

Compliance with EU construction Products Regulation **EU No.305/2011**

Essential Characteristics	Result	Harmonised Technical specifications	Remarks
Reaction to fire	Class A1	EN 1057:2006+ A1: 2010:6.1 EN 13501-1 Decision 96/603EC; changed 200/605/EG	According to the decision 96/603/EC, class A materials do not require to be tested for reaction to fire
Crushing strength	NPD	EN 1057 :2006 +A1: 2010; 7.2	Derives from wall thickness and mechanical properties
Internal Pressure	NPD	EN 1057 :2006 +A1: 2010; 10.9	Derives from wall thickness and mechanical properties
Dimensional Tolerances	Pass	EN 1057 :2006 +A1: 2010; 7.3	All tubes required to meet dimensional tolerances
Resistance to high temperature (for heating networks)	Suitable for use up to 120°C	EN 1057 :2006 +A1: 2010; 6.2. For applications at temperatures up to 250°C the required wall thickness of the tube shall be calculated in accordance with the valid design stress	Properties of copper do not reduce significantly at temperature used in heating networks up to 120°C Copper can be used at higher temperatures with appropriate allowances made for strength reduction
Weldability	Pass	EN 1057 :2006 +A1: 2010; 6.3	Suitability for welding is a characteristic of the copper grade used and assured by control of material composition
Tightness: gas and liquid	Pass	EN 1057 :2006 +A1: 2010; 10.9	All tubes subjected to a freedom from defect test
Durability of crushing strength, internal pressure and tightness	Pass	EN 1057 :2006 +A1: 2010; 10.1; 10.9	Tubes required to meet surface requirements

NPD= no performance determined in accordance with EN1057 ZA.3

EN 1057:2006+ A1: 2010 Annex ZB

Compliance with EU pressure directive 2014/68/EU

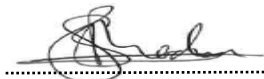
Essential Characteristics	Remarks
Material properties-brittle fracture prevention	Copper is not susceptible to brittle fracture due to its face-centred cubic crystal structure
Conformity of material and manufactured certified documentation	On request, compliance of the product is confirmed by a certificate of the manufacturer according to EN 10204 Annex ZA.



The conformance of the product to the requirements indicated confirms suitability for use in the applications listed above.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:


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Sat Bhachu
Quality Engineer

Date: Jan 2018

General comments

- The CE marking ensures the free movement of goods within Europe. It does not replace existing national regulations for special applications (e.g., water, gas, sanitary and heating, etc)
- The copper tube is suitable for drinking water application under national regulations.
- This declaration remains valid, as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory are not modified significantly.