

ROBA METALS GENK  
SLINGERWEG 31  
3600 GENK

**INSPECTION CERTIFICATE**  
**Type 3.1 acc. EN 10204**

**Certificate No : 1000575393**  
**Delivery No : 0085288705**

**DATE: 06.12.2023**

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0049161-1	Cust's Part No	11660
Our Order No	1200146582 / 20	Quantity	1.700,00 MTR
		Inspection Lot	020000865981

Designation	CuT m 022,000x1,10x2500 JE HSM M		
according to	EN 13348, EN 12735-1 R250,PED 2014/68/EU & CUSTOMER REQUIREMENTS		
Material	Cu-DHP		
Chem. Anal.:	CU>99,90-P:0,015-0,040	OK	

Characteristic	Unit of meas.	Specifications	Values	Sample No
ODmin	mm	>=21,900	21,960 - 21,970	2
ODmax	mm	<=22,100	22,020 - 22,030	2
ODav	mm	21,950 - 22,050	21,990 - 22,000	2
Smin	mm	>=0,935	1,010	2
Smax	mm	<=1,265	1,020 - 1,030	2
Sav	mm	1,011 - 1,032	1,015 - 1,020	2
LENGTH	mm	2500 - 2508	2505 - 2506	2
WGHT/m	kg/m	0,5919 - 0,6064	0,5974	2
Rm	N/mm <sup>2</sup>	>=250,0	305,0 - 311,9	2
A50	%	>=30,0	33,2 - 35,9	2
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,20	0,08 - 0,14	2
ECT EN 1971	%	100	OK	-

**DECLARATION OF COMFORMITY**

The products detailed above, conform to the conditions and requirements of the purchaser and to the description, quantities and spec. stated. The Quality Assurance System applied to monitor their production, complies with the requirements of ISO 9001:2015, independently certified by TÜV HELLAS, with certification No 041070119.

Athens

07.12.2023

Q.C. INSPECTOR

Q.A. MANAGER



*[Signature]*  
D. SKARMOUTSOS

Tube Plant

WI 8.2.17\_Form 8, Rev.: 0

Date March 2023

ELVALHALCOR HELLENIC COPPER & ALUMINIUM INDUSTRY S.A.  
S.A. Register No: 2836/06/B/86/48  
Ministry of Economy & Development  
General Commercial Registry No: 303401000  
VAT No: EL 094061318  
Athens S.A. Companies Tax Office  
Registered Office: 2-4 Mesogeion Avenue,  
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[www.elvalhalcor.com](http://www.elvalhalcor.com)

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**Brass Rods & Tubes Plant (Mailing Address)**  
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**Foundry**  
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**Domestic Sales Dept**  
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