

ROBA METALS GENK  
SLINGERWEG 31  
3600 GENK

## INSPECTION CERTIFICATE

Type 3.1 acc. EN 10204

Certificate No : 1000582623

DATE: 22.02.2024

Delivery No : 0085292727

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0049890-1	Cust's Part No	11581
Our Order No	1200147863 / 20	Quantity	10.100,00 MTR
		Inspection Lot	020000881732

Designation	CuT m 012,000x1,00x5000 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	>=11,910	11,970 - 11,980	3
ODmax	mm	<=12,090	12,050	3
ODav	mm	11,960 - 12,040	12,010 - 12,015	3
Smin	mm	>=0,870	0,900	3
Smax	mm	<=1,130	0,940	3
Sav	mm	0,918 - 0,938	0,920	3
LENGTH	mm	5000 - 5008	5006	3
WGHT/m	kg/m	0,2834 - 0,2910	0,2870 - 0,2880	3
Rm	N/mm <sup>2</sup>	>=250,0	291,0 - 295,5	3
A50	%	>=30,0	42,6 - 44,2	3
EXPANSION	%	>=30,0	OK	3
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,20	0,06 - 0,08	3
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

23.02.2024

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,  
Athens Tower, 2nd Building,  
Athens GR 11527, Greece  
[www.elvalhalcor.com](http://www.elvalhalcor.com)

Offices and Copper Tubes Plant  
(Mailing Address)  
62nd km Athens-Lamia National Road  
Oinofyta-Viotia, GR 32011, Greece  
T: +30 22620 48111  
[www.halcor.com](http://www.halcor.com)

Brass Rods & Tubes Plant  
(Mailing Address)  
59th km Athens-Lamia  
National Road,  
Oinofyta-Viotia, GR 32011,  
Greece  
T: +30 22620 53158

Foundry  
60th km Athens-Lamia National Road,  
Oinofyta-Viotia, GR 32011, Greece  
T: +30 22620 53011  
Domestic Sales Dept  
Peripheral Unit of West Attica  
Municipality of Aspropyrgos  
Prari position-Moustaki  
Industrial Park Area VIPA VIOPA EM  
GR 19300, Greece  
T: +30 210 4898111