

ROBA METALS GENK  
SLINGERWEG 31  
3600 GENK

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

Certificate No : 1000551172  
Delivery No : 0085273397

DATE: 24.03.2023

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0044327-1	Cust's Part No	11064
Our Order No	1200138962 / 10	Quantity	17.200,00 MTR
		Inspection Lot	020000820917

Designation	CuT m 009,525x0,80x5000 JC HSM R		
according to	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	>=9,435	9,500 - 9,530	4
ODmax	mm	<=9,615	9,570 - 9,610	4
ODav	mm	9,485 - 9,565	9,545 - 9,555	4
Smin	mm	>=0,720	0,750 - 0,770	4
Smax	mm	<=0,880	0,790 - 0,800	4
LENGTH	mm	5000 - 5008	5006	4
Rm	N/mm <sup>2</sup>	>=250,0	286,0 - 290,3	4
A50	%	>=30,0	44,0 - 45,6	4
EXPANSION	%	>=30,0	OK	4
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,38	0,06 - 0,09	4
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

27.03.2023

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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Athens GR 11527, Greece  
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Municipality of Aspropyrgos  
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