

ROBA METALS GENK  
SLINGERWEG 31  
3600 GENK

**INSPECTION CERTIFICATE**

**Type 3.1 acc. EN 10204**

**Certificate No : 1000586360**

**DATE: 26.03.2024**

**Delivery No : 0085294673**

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0050875-1	Cust's Part No	11121
Our Order No	1200150572 / 30	Quantity	5.100,00 MTR
		Inspection Lot	020000886837

Designation	CuT m 019,050x0,90x5000 JE 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	>=18,950	19,050	3
ODmax	mm	<=19,150	19,100 - 19,110	3
ODav	mm	19,000 - 19,100	19,075 - 19,080	3
Smin	mm	>=0,810	0,820	3
Smax	mm	<=0,990	0,840 - 0,850	3
Sav	mm	0,828 - 0,846	0,830 - 0,835	3
LENGTH	mm	5000 - 5008	5005	3
WGHT/m	kg/m	0,4207 - 0,4318	0,4235	3
Rm	N/mm <sup>2</sup>	>=250,0	294,0 - 297,6	3
A50	%	>=30,0	37,5 - 41,2	3
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,38	0,04 - 0,09	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

27.03.2024

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 Bulding,  
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