

ROBA METALS GENK  
SLINGERWEG 31  
3600 GENK

## INSPECTION CERTIFICATE

Type 3.1 acc. EN 10204

Certificate No : 1000572255

DATE: 30.10.2023

Delivery No : 0085286610

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0048296-1	Cust's Part No	19240
Our Order No	1200145203 / 30	Quantity	2.925,00 MTR
		Inspection Lot	020000858072

Designation	CuT m 015,875x1,05x5000 JJ ASO D R
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according to	EN 12735-1,R300 & tube properties to VdTÜV567 requirements
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Material	CuFe2P
Chem. Anal.:	FE:2,1-2,6-P:0,015-0,150-PB<0,03-ZN:0,050-0,200-OTHERS TOTAL<0,200-CU:REM. OK

Characteristic	Unit of meas.	Specifications	Values	Sample No
ODmin	mm	>=15,785	15,850 - 15,860	2
ODmax	mm	<=15,965	15,870 - 15,880	2
ODav	mm	15,835 - 15,915	15,865	2
Smin	mm	>=0,987	1,030 - 1,040	2
Smax	mm	<=1,110	1,060	2
LENGTH	mm	>=5000	5010	2
STRAIGHTNS	mm/m	<=4,0	3,0	2
Rm	N/mm <sup>2</sup>	>=300,0	327,0 - 334,9	2
Rp0,2	N/mm <sup>2</sup>	140,0 - 250,0	140,7 - 145,1	2
Rp1	N/mm <sup>2</sup>	>=160,0	175,3 - 181,3	2
A	%	>=30,0	40,2 - 42,9	2
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,38	0,06 - 0,10	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

31.10.2023

Q.C. INSPECTOR

Q.A. MANAGER



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  
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