

ROBA METALS GENK
SLINGERWEG 31
3600 GENK

INSPECTION CERTIFICATE

Type 3.1 acc. EN 10204

Certificate No : 1000528875

DATE: 08.08.2022

Delivery No : 0085260095

Customer	ROBA METALS B.V		
Cust's Ref No	PO-39489	Cust's Part No	19300
Our Order No	1200126837 / 10	Quantity	2.775,00 MTR
		Inspection Lot	020000778605

Designation	CuT m 028,575x1,90x5000 JJ ASO D R
according to	EN 12735-1 R300 & tube properties to VdTÜV567 requirements
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	>=28,465	28,590 - 28,600	4
ODmax	mm	<=28,685	28,610 - 28,630	4
ODav	mm	28,515 - 28,635	28,600 - 28,615	4
Smin	mm	>=1,786	1,860 - 1,900	4
Smax	mm	<=2,010	1,950 - 1,980	4
LENGTH	mm	>=5000	5006	4
STRAIGHTNS	mm/m	<=4,0	0,6	4
Rm	N/mm ²	>=300,0	327,0 - 329,8	4
Rp0,2	N/mm ²	140,0 - 250,0	148,5 - 151,3	4
Rp1	N/mm ²	>=160,0	184,1 - 187,4	4
A	%	>=30,0	33,4 - 36,2	4
C TOT. RES. IN.	mg/dm ²	<=0,38	0,08 - 0,11	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

12.08.2022

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

FORM N3

ISSUE: C

REV: 2

DATE: DEC. 2017



COPPER & ALLOYS EXTRUSION DIVISION:

S.A. Register No: 2836/06/B/86/48 Ministry of Economy and 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

Offices & Copper Tubes Plant
(Mailing Address)
62nd km Athens-Lamia National Road
Oinofyta - Viotia, GR 32011, Greece
Tel.: +30 22620 48111
Fax: +30 22620 48910
www.halcor.com

Brass Rods & Tubes Plant
(Mailing Address)
59th km Athens-Lamia National Road
Oinofyta - Viotia, GR 32011, Greece
Tel.: +30 22620 53120

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