

ROBA METALS B.V
 ZOMERDIJK 27-33
 3402 NL AA IJSSELSTEIN(NL)

INSPECTION CERTIFICATE
Type 3.1 acc. EN 10204

Certificate No : 1000430330
 Delivery No : 0085205620

DATE: 02.04.2020

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0024969-1/11th	Cust's Part No	19340
Our Order No	1200105622 / 20	Quantity	460,00 MTR
		Inspection Lot	020000608414

Designation	CuT m 041,275x2,70x5000 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	>=41,165	41,270	2
ODmax	mm	<=41,385	41,290	2
ODav	mm	41,215 - 41,335	41,280	2
Smin	mm	>=2,538	2,670	2
Smax	mm	<=2,860	2,720	2
LENGTH	mm	>=5000	5006	2
STRAIGHTNS	mm/m	<=4,0	0,6	2
Rm	N/mm ²	>=300,0	327,0 - 333,2	2
Rp0,2	N/mm ²	140,0 - 250,0	160,8 - 164,7	2
Rp1	N/mm ²	>=160,0	196,7 - 202,6	2
A	%	>=30,0	30,3 - 31,5	2
C TOT. RES. IN.	mg/dm ²	<=0,38	0,09 - 0,12	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

04.04.2020

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

FORM N3

ISSUE: C

REV: 2

DATE: DEC. 2017

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