

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

**INSPECTION CERTIFICATE**

Type 3.1 acc. EN 10204

Certificate No : 1000507634

DATE: 08.02.2022

Delivery No : 0085247568

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0037210-1	Cust's Part No	16141
Our Order No	1200126835 / 30	Quantity	4.125,00 MTR
		Inspection Lot	020000746987

Designation	CuT m 006,350x0,80x25000 JFHBO XB09-57 R		
according to	EN 12735-1,R220.		
Material	Cu-DHP		
Chem. Anal.:	CU>99,90-P:0,015-0,040	OK	

Characteristic	Unit of meas.	Specifications	Values	Sample No
ODav	mm	6,310 - 6,390	6,345	2
Smin	mm	>=0,720	0,720	2
Smax	mm	<=0,880	0,750 - 0,760	2
Sav	mm	<=0,744	0,735 - 0,740	2
LENGTH	mm	>=25000	25100	2
OVALITY	mm	<=0,44	0,01 - 0,03	2
Rm	N/mm <sup>2</sup>	>=220,0	234,6 - 237,3	2
A50	%	>=40,0	49,8 - 51,2	2
EXPANSION	%	>=30,0	OK	2
CTOT. RES. IN.	mg/dm <sup>2</sup>	<=0,38	0,09 - 0,13	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

11.02.2022

Q.C. INSPECTOR

Q.A. MANAGER


  
 D. SKARMOUSOS

FORM N3

ISSUE: C

REV: 2

DATE: DEC. 2017

 e-mail: info@halcor.com  
 website: www.halcor.com  
 VAT number: EL094061318

 Offices @ Copper Tube Plant (Mailing Address)  
 62<sup>nd</sup> km Athens-Lamia National Road,  
 GR-32011 Inofita-Viotia, GREECE  
 Tel.: +30 22620 48111, Fax: +30 22620 48911

 Foundry  
 60<sup>th</sup> km Athens-Lamia National Road,  
 GR-32011 Inofita-Viotia, GREECE  
 Tel.: +30 22620 53479, Fax: +30 22620 53925

 Domestic Sales Dept  
 252 Pireos str.  
 GR-17778, Tavros, Athens, GREECE  
 Tel.: +30 210 4898111, Fax: +30 210 4898397

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Customer	ROBA METALS B.V		
Cust's Ref No	PO-0037210-1	Cust's Part No	16141
Our Order No	1200126835 / 30	Quantity	4.125,00 MTR
		Inspection Lot	020000746988

Designation	CuT m 012,700x0,80x25000 JFHBO XB09-57 R		
according to	EN 12735-1,R220.		
Material	Cu-DHP		
Chem. Anal.:	CU>99,90-P:0,015-0,040	OK	

Characteristic	Unit of meas.	Specifications	Values	Sample No
ODav	mm	12,660 - 12,740	12,710 - 12,715	2
Smin	mm	>=0,720	0,720	2
Smax	mm	<=0,880	0,760	2
Sav	mm	<=0,748	0,740	2
LENGTH	mm	>=25000	25100	2
OVALITY	mm	<=0,89	0,08 - 0,11	2
Rm	N/mm <sup>2</sup>	>=220,0	237,8 - 239,2	2
A50	%	>=40,0	51,6 - 52,9	2
EXPANSION	%	>=30,0	OK	2
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,38	0,11 - 0,16	2
ECT EN 1971	%	100	OK	-

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*[Signature]*  
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