

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

INSPECTION CERTIFICATE

Type 3.1 acc. EN 10204

Certificate No : 1000324632

DATE: 06.09.2017

Delivery No : 0085152089

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0006045-1/53rd	Cust's Part No	
Our Order No	1200083420 / 30	Quantity	2.800,00 MTR
		Inspection Lot	020000440305

Designation	COPPER TUBES 016,000x1,00x5000 STRAIGHT FOR REFRIGERATION USE ,		
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	>=15,910	16,000 - 16,010	2
ODmax	mm	<=16,090	16,020 - 16,030	2
ODav	mm	15,960 - 16,040	16,010 - 16,020	2
Smin	mm	>=0,870	0,910	2
Smax	mm	<=1,130	0,930	2
Sav	mm	0,918 - 0,937	0,920	2
LENGTH	mm	5000 - 5008	5006	2
WGHT/m	kg/m	0,3861 - 0,3956	0,3882	2
Rm	N/mm ²	>=250,0	282,5 - 287,0	2
A50	%	>=30,0	39,0 - 40,8	2
EXPANSION	%	>=30,0	OK	2
C TOT. RES. IN.	mg/dm ²	<=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 to the requirements of ISO 9001/2008, independently certified by TÜV HELLAS, with registration No 041070119.

Athens

07.09.2017

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

ISSUE C

REV 1

DATE JUL-2014

FORM N3

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

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

Foundry
 60th 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