



Moderne Kjøling AS
Brobekkveien 90
0582 OSLO

INSPECTION CERTIFICATE

Type 3.1 acc. EN 10204

Certificate No : 1000631746

DATE: 23.06.2025

Delivery No : 0085322330

Customer	Moderne Kjøling AS			Cust's Part No	815316
Cust's Ref No	57495			Inspection Lot	020000977617
Our Order No	1200163217 / 70	Quantity	975,00 MTR		

Designation	CuT m 015,875x1,05x5000 JC 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	>=15,785	15,830 - 15,860	1
ODmax	mm	<=15,965	15,880 - 15,900	1
ODav	mm	15,835 - 15,915	15,860 - 15,870	1
Smin	mm	>=0,913	0,990 - 1,000	1
Smax	mm	<=1,187	1,050 - 1,060	1
LENGTH	mm	>=5000	5010	1
STRAIGHTNS	mm/m	<=4,0	3,0	1
Rm	N/mm ²	>=300,0	334,0	1
Rp0,2	N/mm ²	140,0 - 250,0	146,8	1
Rp1	N/mm ²	>=160,0	164,6	1
A	%	>=30,0	46,3	1
C TOT. RES. IN.	mg/dm ²	<=0,38	0,06	1
ECT EN 1971	%	100	OK	-

DECLARATION OF CONFORMITY

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

26.06.2025

Q.C. INSPECTOR

Q.A. MANAGER



[Signature]
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
KEFODE Attikis Tax Office
Registered Office: 2-4 Mesogeion Avenue
Athens Tower, 2nd Building
GR 11527, Athens, Greece
www.elvalhalcor.com

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

Brass Rods & Tubes Plant
(Mailing Address)
59th km Athens-Lamia
National Road
GR 32011, Oinofyta-Viotia
Greece
T: +30 22620 53158

Foundry
60th km Athens-Lamia National Road
GR 32011, Oinofyta-Viotia, Greece
T: +30 22620 53011
Domestic Sales Dept
Peripheral Unit of West Attica
Municipality of Aspropyrgos
Prari position-Moustaki
GR 19300, Industrial Park Area
VIPA VIOPA EM, Greece
T: +30 210 4898111