

Moderne Kjøling AS
Brobekkveien 90
0582 OSLO

INSPECTION CERTIFICATE

Type 3.1 acc. EN 10204

Certificate No : 1000636961

DATE: 20.08.2025

Delivery No : 0085325894

Customer	Moderne Kjøling AS		
Cust's Ref No	58038	Cust's Part No	813818
Our Order No	1200166468 / 30	Quantity	750,00 MTR
		Inspection Lot	020000986277

Designation	CuT m 022,225x0,89x5000 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	>=22,125	22,220	1
ODmax	mm	<=22,325	22,260	1
ODav	mm	22,175 - 22,275	22,240	1
Smin	mm	>=0,801	0,830 - 0,840	1
Smax	mm	<=0,979	0,860 - 0,870	1
LENGTH	mm	>=5000	5010	1
STRAIGHTNS	mm/m	<=4,0	3,0	1
Rm	N/mm ²	>=300,0	329,0	1
Rp0,2	N/mm ²	140,0 - 250,0	140,7	1
Rp1	N/mm ²	>=160,0	177,3	1
A	%	>=30,0	37,1	1
C TOT. RES. IN.	mg/dm ²	<=0,38	0,11	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

21.08.2025

Q.C. INSPECTOR

Q.A. MANAGER




D. SKARMOUTSOS

Tube Plant

WI 8.2.17_Form 8, Rev.: 0

Date March 2023

ELVALHALCOR HELLENIC COPPER & ALUMINIUM INDUSTRY S.A.
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General Commercial Registry No.: 303401000
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