

STEELMET ROMANIA S.A.  
42nd DRUMUL INTRE TARLALE STR.  
032982 BUCHAREST 3rd SECTOR

**INSPECTION CERTIFICATE**  
Type 3.1 acc. EN 10204

Certificate No : 1000570915  
Delivery No : 0085285465

DATE: 12.10.2023

|               |                       |                |              |                             |
|---------------|-----------------------|----------------|--------------|-----------------------------|
| Customer      | STEELMET ROMANIA S.A. |                |              |                             |
| Cust's Ref No | OR110SbMacrH          | Cust's Part No |              |                             |
| Our Order No  | 1200145338 / 40       | Quantity       | 5.415,00 MTR | Inspection Lot 020000857094 |

|             |                                    |
|-------------|------------------------------------|
| Designation | CuT m 018,000x1,00x5000 AJ HSH D M |
|-------------|------------------------------------|

|              |                                            |
|--------------|--------------------------------------------|
| according to | EN 12735-1 R290, PED 2014/68/EU, EN 13348. |
|--------------|--------------------------------------------|

|              |                        |    |
|--------------|------------------------|----|
| Material     | Cu-DHP                 | OK |
| Chem. Anal.: | CU>99,90-P:0,015-0,040 |    |

| Characteristic  | Unit of meas.      | Specifications  | Values          | Sample No |
|-----------------|--------------------|-----------------|-----------------|-----------|
| ODmin           | mm                 | >=17,960        | 17,980 - 17,990 | 3         |
| ODmax           | mm                 | <=18,040        | 18,010 - 18,020 | 3         |
| ODav            | mm                 | 17,960 - 18,040 | 17,995 - 18,000 | 3         |
| Smin            | mm                 | >=0,850         | 0,850 - 0,880   | 3         |
| Smax            | mm                 | <=1,150         | 0,890 - 0,920   | 3         |
| Sav             | mm                 | <=0,894         | 0,885           | 3         |
| LENGTH          | mm                 | >=5000          | 5008            | 3         |
| WGHT/m          | kg/m               | <=0,4285        | 0,4225 - 0,4244 | 3         |
| Rm              | N/mm <sup>2</sup>  | >=290,0         | 463,6 - 467,0   | 3         |
| A50             | %                  | >=3,0           | 5,4 - 6,0       | 3         |
| BENDING         |                    |                 | OK              | 3         |
| C TOT. RES. IN. | mg/dm <sup>2</sup> | <=0,20          | 0,07 - 0,08     | 3         |
| ECT EN 1971     | %                  | 100             | OK              | -         |

**DECLARATION OF CONFORMITY**

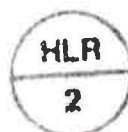
The products detailed above, conform to the conditions and requirements of the purchaser and to the description, quantities and spec. stated. The Quality Assurance System applied to monitor their production, complies with the requirements of ISO 9001:2015, Independently certified by TÜV HELLAS, with certification No 041070119.

Athens

16.10.2023

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.  
# A Register No: 2836/D6/1/26/48  
Ministry of Economy & Development  
General Commercial Registry No: 303401000  
VAT No: EL 094061318  
Athens S.A. Companies Tax Office  
Registered Office: 2-4 Mesogeion Avenue,  
Athens Tower, 2nd Building,  
Athens 11527, Greece  
[www.elvalhalcor.com](http://www.elvalhalcor.com)

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

Brass Rods & Tubes Plant  
(Mailing Address)  
59th km Athens-Lamia  
National Road,  
Oinofyta Viotia, GR 32011,  
Greece  
T: +30 22620 53156

Foundry  
60th km Athens-Lamia National Road,  
Oinofyta Viotia, GR 32011, Greece  
T: +30 22620 53011  
**Domestic Sales Dept**  
Peripheral Unit of West Africa  
Municipality of Aspropyrgos  
Piraeus Port Area, Mousaki  
Industrial Park Area VIFA Viotia, GR  
GR 32011, Greece  
T: +30 210 4592111