

ROBA METALS GENK  
SLINGERWEG 31  
3600 GENK

**INSPECTION CERTIFICATE**

Type 3.1 acc. EN 10204

Certificate No : 1000556005

DATE: 11.05.2023

Delivery No : 0085276446

|               |                 |                |              |
|---------------|-----------------|----------------|--------------|
| Customer      | ROBA METALS B.V |                |              |
| Cust's Ref No | PO-0045068-3    | Cust's Part No | 11061        |
| Our Order No  | 1200139881 / 10 | Quantity       | 9.144,00 MTR |
|               |                 | Inspection Lot | 020000828597 |

|              |  |    |  |
|--------------|--|----|--|
| Designation  | CuT m 009,525x0,81x15240 JE HPO R                      |    |  |
| according to | EN 12735-1 R220 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 |
|-----------------|--------------------|-----------------|---------------|-----------|
| ODav            | mm                 | 9,485 - 9,565   | 9,515         | 2         |
| Smin            | mm                 | >=0,729         | 0,730         | 2         |
| Smax            | mm                 | <=0,891         | 0,770         | 2         |
| Sav             | mm                 | 0,739 - 0,755   | 0,750         | 2         |
| LENGTH          | mm                 | 15240 - 15340   | 15300         | 2         |
| WGHT/m          | kg/m               | 0,1807 - 0,1860 | 0,1830        | 2         |
| OVALITY         | mm                 | <=0,67          | 0,03 - 0,05   | 2         |
| Rm              | N/mm <sup>2</sup>  | >=220,0         | 244,0 - 245,9 | 2         |
| A50             | %                  | >=40,0          | 50,3 - 51,3   | 2         |
| EXPANSION       | %                  | >=30,0          | OK            | 2         |
| C TOT. RES. IN. | mg/dm <sup>2</sup> | <=0,38          | 0,07 - 0,14   | 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

12.05.2023

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.  
S.A. Register No: 2836/06/B/86/48  
Ministry of Economy & Development  
General Commercial Registry No: 303401000  
VAT No: EL 094061318  
Athens S.A. Companies Tax Office  
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[www.elvalhalcor.com](http://www.elvalhalcor.com)

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