

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

**INSPECTION CERTIFICATE**
**Type 3.1 acc. EN 10204**
**Certificate No : 1000460351**
**DATE: 18.12.2020**
**Delivery No : 0085220739**

Customer	<b>STEELMET ROMANIA S.A.</b>			
Cust's Ref No	<b>OR166</b>		Cust's Part No	
Our Order No	<b>1200112596 / 50</b>	Quantity	<b>620,00 MTR</b>	Inspection Lot <b>020000661519</b>

Designation	<b>CuT m 022,000x1,00x5000 AJ HSH D M</b>
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according to	<b>EN 12735-1 R290, P.E.D 97/23/EC, EN 13348.</b>
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Material	<b>Cu-DHP</b>
Chem. Anal.:	<b>CU&gt;99,90-P:0,015-0,040</b> OK

Characteristic	Unit of meas.	Specifications	Values	Sample No
ODmin	mm	>=21,940	21,990	1
ODmax	mm	<=22,060	22,020	1
ODav	mm	21,950 - 22,050	22,005	1
Smin	mm	>=0,850	0,870	1
Smax	mm	<=1,150	0,890 - 0,900	1
Sav	mm	<=0,895	0,880 - 0,885	1
LENGTH	mm	>=5000	5008	1
WGHT/m	kg/m	<=0,5293	0,5224 - 0,5237	1
Rm	N/mm <sup>2</sup>	>=290,0	458,5	1
A50	%	>=3,0	6,0	1
EXPANSION	%	>=30,0	OK	1
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,20	0,07	1
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

19.12.2020

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

ISSUE: C

REV: 2

DATE: DEC. 2017

FORM N3

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

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

**Foundry**  
 60<sup>th</sup> 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

# CERTIFICATE

Management system as per

**ISO 9001 : 2015**

**Quality Management Systems-Requirements**

In accordance with TÜV HELLAS (TÜV NORD) S.A. procedures, it is hereby certified that

**HALCOR**  
**COPPER TUBES DIVISION**  
**OF ELVALHALCOR S.A.**  
62<sup>nd</sup> km National Road Athens - Lamia  
320 11 Inofyta, Viotia  
Hellas

**HALCOR**

with the sites according to the annex and the subcertificates

applies a management system in line with the above standard for the following scope

- Design, Production and Marketing of Copper Products, Copper Alloys, Zinc and Zinc Alloys, Bare, Coated and Thermally Insulated Tubes from Copper and Copper Alloys, Flat Rolled Products with or without Surface Conditioning in the Form of Strips and Sheets from Copper, Copper Alloys and Zinc, Copper Rod for Electrical Applications
- Insulation Foam Production
- Marketing & Storage of Copper Products

Certificate Registration No. 041 07 0119

Audit Report No. E-0822/2019

Valid from 2019-10-19

Valid until 2022-10-18

Initial certification 2007

*3Kala/w*

TÜV HELLAS (TÜV NORD) S.A. Certification Body

Athens, 2019-10-18

This certification was conducted in accordance with the TÜV HELLAS (TÜV NORD) S.A. auditing and certification procedures and is subject to regular surveillance audits.



# ANNEX

to Certificate Registration No. 041 07 0119  
ISO 9001 : 2015  
Quality Management Systems-Requirements

**HALCOR**  
**COPPER TUBES DIVISION**  
**OF ELVALHALCOR S.A.**  
62<sup>nd</sup> km National Road Athens - Lamia  
320 11 Inofyta, Viotia  
Hellas

**HALCOR**

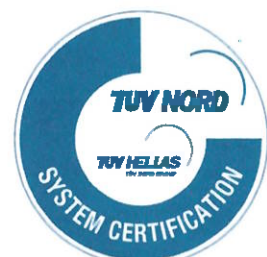
Certificate Registration No.	Site	Scope
041 07 0119-001	COPPER TUBE PLANT 62 <sup>nd</sup> km Nat. Road Athens - Lamia 320 11 Inofyta, Viotia Hellas	Design, Production and Marketing of Tubes, Bare, Coated and Thermally Insulated Tubes from Copper and Copper Alloys, Flat Rolled Products with or without Surface Conditioning in the Form of Strips and Sheets from Copper, Copper Alloys and Zinc, Copper Rod for Electrical Applications.
041 07 0119-002	FOUNDRY 60 <sup>th</sup> km Nat. Road Athens - Lamia 320 11 Inofyta, Viotia Hellas	Design and Production of Copper Products, Copper Alloys, Zinc and Zinc Alloys.
041 07 0119-003	ROLLER PRODUCTS PLANT 252, Pireos Str. 177 78 Tavros Hellas	Marketing & Storage of Copper Products.
041 07 0119-004	INSULATION FOAM PLANT 59 <sup>th</sup> km Nat. Road Athens - Lamia 320 11 Inofyta, Viotia Hellas	Insulation Foam Production

End of the List

3Kala14

TÜV HELLAS (TÜV NORD) S.A. Certification Body

Athens, 2019-10-18





# CERTIFICATE

**TÜV**  
AUSTRIA

## Management System as per ISO 50001 : 2018

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

# **HALCOR**

### Copper Tubes Division of ELVALHALCOR S.A.

Copper Tube Plant: 62<sup>nd</sup> km N.R Athens-Lamia, GR-320 11 Inofyta, Viotia, Greece

Cast House: 60<sup>th</sup> km N.R Athens-Lamia, GR-320 11 Inofyta, Viotia, Greece

Production Line of Cross-Linked Polyethylene Foam Sheets: 59<sup>th</sup> km N.R Athens-Lamia, GR-320 11 Inofyta, Viotia, Greece

Production of Rolled Products: 252, Piraeus Ave., GR-117 78 Tavros, Athens, Greece

Applies an Energy Management System in line with the above Standard for the following Scope

**DESIGN, PRODUCTION AND SALES OF COPPER PRODUCTS, COPPER ALLOYS, ZINC AND ZINC ALLOYS, BARE AND INSULATED TUBES FROM COPPER AND COPPER ALLOYS, FLAT ROLLED PRODUCTS WITH OR WITHOUT SURFACE CONDITIONING IN THE FORM OF STRIPS AND SHEETS FROM COPPER, COPPER ALLOYS AND ZINC, ZINC ALLOYS, COPPER ROD FOR ELECTRICAL APPLICATIONS, STRIPS, SHEETS AND TUBES FROM POLYETHYLENE AND CROSS-LINKED POLYETHYLENE FOAM.**

Technical Area: Heavy industry

Certificate Registration No.: **011731405290**

Valid until: 2022-12-22

Initial certification: 2017-10-05

Nikolaos Sifakis  
Head of Management Systems & Products Certification Division  
Certification Body  
at TÜV AUSTRIA

Athens, 2019-12-23

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits.

TÜV AUSTRIA HELLAS  
429, Mesogeion Ave.  
GR-153 43 Athens, Greece  
[www.tuvaustriahellas.gr](http://www.tuvaustriahellas.gr)



CoPRK429\_A5en

Headquarters in Athens bear the responsibility of the Certification decision



Inofyta, 08/02/2019

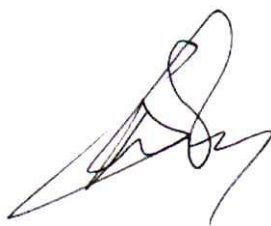
## DECLARATION OF CONFORMITY – EN 13348

It is hereby certified that the seamless copper tubes with trade name **TALOS® MED** for medical applications are manufactured by HALCOR/Copper Tubes Division of ELVALHALCOR S.A. at its Inofyta Tube Plant.

TALOS® MED tubes are produced in conformity to the European standard **EN 13348 “Copper and copper alloys, seamless round copper tubes for medical gases or vacuum”** which foresees carbon content less than 0.20 mg/dm<sup>2</sup> and are suitable for the installations used to transfer oxygen, medical compressed air, nitrous oxide and other medical gases.

Product quality is monitored during all manufacturing stages with the application of a Quality Management System complying with the ISO 9001:2015 specification, certified by TUV HELLAS (Cert. No 041070119).

The Quality Assurance Manager



Dr. D. Skarmoutsos

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

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

**Certificate No : 1000460344**  
**Delivery No : 0085220735**

**DATE: 18.12.2020**

Customer	<b>STEELMET ROMANIA S.A.</b>			
Cust's Ref No	<b>OR166</b>	Cust's Part No		
Our Order No	<b>1200112596 / 20</b>	Quantity	<b>1.965,00 MTR</b>	Inspection Lot <b>020000660378</b>

Designation	<b>CuT m 012,000x1,00x5000 JH HSH D M</b>			
according to	<b>EN 12735-1 R290, P.E.D 97/23/EC, EN 13348.</b>			
Material	<b>Cu-DHP</b>			
Chem. Anal.:	<b>CU&gt;99,90-P:0,015-0,040</b>		<b>OK</b>	

Characteristic	Unit of meas.	Specifications	Values	Sample No
ODmin	mm	>=11,960	11,980	1
ODmax	mm	<=12,040	12,010	1
ODav	mm	11,960 - 12,040	11,995	1
Smin	mm	>=0,870	0,880	1
Smax	mm	<=1,130	0,920	1
Sav	mm	<=0,912	0,900	1
LENGTH	mm	>=5000	5006	1
WGHT/m	kg/m	<=0,2837	0,2807	1
Rm	N/mm <sup>2</sup>	>=290,0	461,6	1
A50	%	>=3,0	5,3	1
EXPANSION	%	>=30,0	OK	1
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,20	0,12	1
ECT EN 1971	%	100	OK	-

**DECLARATION OF COMFORMITY**

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Athens

19.12.2020

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

ISSUE: C

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DATE: DEC. 2017

FORM N3

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

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

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**INSPECTION CERTIFICATE**
**Type 3.1 acc. EN 10204**
**Certificate No : 1000460516**
**DATE: 16.12.2020**
**Delivery No : 0085220657**

Customer	<b>STEELMET ROMANIA S.A.</b>			
Cust's Ref No	<b>OR166</b>	Cust's Part No		
Our Order No	<b>1200112596 / 40</b>	Quantity	<b>670,00 MTR</b>	Inspection Lot <b>020000659807</b>

Designation	<b>CuT m 018,000x1,00x5000 AJ HSH D M</b>			
according to	<b>EN 12735-1 R290, P.E.D 97/23/EC, EN 13348.</b>			
Material	<b>Cu-DHP</b>			
Chem. Anal.:	CU>99,90-P:0,015-0,040		OK	

Characteristic	Unit of meas.	Specifications	Values	Sample No
ODmin	mm	>=17,960	17,980	1
ODmax	mm	<=18,040	18,020	1
ODav	mm	17,960 - 18,040	18,000	1
Smin	mm	>=0,850	0,850	1
Smax	mm	<=1,150	0,890	1
Sav	mm	<=0,894	0,870	1
LENGTH	mm	>=5000	5009	1
WGHT/m	kg/m	<=0,4285	0,4023	1
Rm	N/mm <sup>2</sup>	>=290,0	456,6	1
A50	%	>=3,0	5,9	1
EXPANSION	%	>=30,0	OK	1
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,20	0,10	1
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

22.12.2020

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

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