

Certificate

TN/PED-4-3/20890/25

Report No. / Manufacturer No. / Validity remark:

8123599066 / 20890 / 04.2025 - 04.2028

Quality Management System for Manufacturers of Material for Pressure Equipment

TÜV NORD Systems GmbH & Co. KG confirms that the manufacturer
ELVALHALCOR Hellenic Copper and Aluminium Industry S.A.
Copper and Alloys Extrusion Division
62nd km National Road Athens-Lamia
Oinofyta Gr 32011 Viotia Greece

has implemented and applies a quality management system in relation to materials in accordance with the requirements of the certification scheme TNS-W0_PED-4-3. This quality management system has undergone a specific assessment with regard to materials in accordance with Directive 2014/68/EU, Annex I, point 4.3 to ensure the conformity of the materials and inspection certificates.

The scope of the approval is shown on the following page.

Test basis: **EN 764-5, section 4.2**

Manufacturing site(s): **See above**

Hamburg, 28.05.2025



Digitally signed by
Liebscher Anne-Kristin



Certification Body

TÜV NORD Systems GmbH & Co. KG
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Scope of Approval

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The QM system in relation to materials was assessed on the basis of:

Manufacturing Process	Product type	Material type	Dimensions
cold formed	seamless tubes	copper and copper alloys	$0.2 \leq t \leq 4.45 \text{ mm}$ $4 \leq \varnothing \leq 108 \text{ mm}$

5. Angaben zum Lieferumgang (getrennt nach Betriebsbereichen)							Details of scope of delivery (seperately for operation areas)		
Lfd. Nr. Item No.	Erzeugnisform ¹⁾ Product form	Werkstoff Material grade	Techn. Spezifikation Techn. specification	AD 2000-Reihe W, bzw. HP AD 2000 series W, or HP	Abmessungsbereich Range of dimension		Lieferzustand Delivery condition	Herstellverfahren ²⁾ Manufacturing process	Bemerkungen Remarks
					t [mm]	D [mm]			
I:	Seamless tubes	Cu-DHP	EN 12735-1, EN 12735-2 EN 12449 EN 12451 EN 13348	W 6/2	0.20 to 2.5	4 to 108	soft, semi-hard and hard	cold drawing	
2	Seamless tubes	CuFe2P	EN 12735-1/-2, EN 13348		0.20 to 2.5	4 to 108	soft, semi-hard and hard	cold drawing	
3	Seamless tubes	CuFe2P	EN 12735-1		0.20 to 2.5	4 to 108	R300, R420	cold drawing	
¹⁾ z. B. Herstellung von Vormaterial wie Knüppel, Brammen usw., Herstellung von Erzeugnissen wie Bleche, Bänder, Rohre, Formstücke, Schmiedestücke usw. ²⁾ z.B. Erschmelzen, Umschmelzen, Vergießen, Walzen, Ziehen, Pressen, Schmieden, Schweißen, Löten									