

CERTIFICATE

**Quality-Assurance System for material manufacturer
according to Pressure Equipment Directive 2014/68/EU**

Certificate no.: 07/202/1042/WZ/1297/22

**Name and address
of the manufacturer:** **Leichtmetall Aluminium Giesserei Hannover GmbH
Göttinger Chaussee 12-14
D-30453 Hannover**

Herewith we certify that the manufacturer has established and applies a **quality-assurance system related to the material**. This QA System has been subjected to a specific assessment acc. to directive 2014/68/EU, annex I, point 4.3 with regard to the materials mentioned in the scope of approval.

Approved acc. to directive 2014/68/EU: **QA-System in relation to materials,
EN 764-5, section 4.2 and AD 2000 W0**

Certification file no.: 1042W1720022/ 812 010 5003

Audit report file no.: 1042W1720022/ 812 010 5003

Scope of approval:
(product / material) basic material / Aluminium

Production site: Göttinger Chaussee 12-14
D-30453 Hannover

The certificate is valid until: 02/2025

Only valid in conjunction with a valid certificate acc. to EN ISO 9001.

Attachment:
Scope of approval



Notified Body 0045 for pressure equipment
Digitally signed by
TUVNORD Walther Thomas
Date: 2023.04.03
13:57:35 +02'00'

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Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

TÜV NORD Systems GmbH & Co. KG, Große Bahnstraße 31, 22525 Hamburg

Notifizierte Stelle 0045 / Notified Body 0045

Geltungsbereich der Überprüfung gemäß / Scope of Approval according to

- Richtlinie 2014/68/EU, Anhang I, Nummer 4.3 / Directive 2014/68/EU, Annex I, Point 4.3.
- AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0

Zertifikat-Nr. / Certificate No.: 07/202/1042/WZ/1297/22

Zertifikat-Nr. / Certificate No.: 07/203/1042/WP/1297/22

Firma / Company: Leichtmetall Aluminium Giesserei Hannover GmbH

Datum / Date: 28.02.2023

Ort / Location: D-30453 Hannover, Göttinger Chaussee 12-14

AZ / File No.: 1042W1720523

SAP-No.: 8121241943

Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions		Prüfgrundlagen Test specifications	Bemerkungen Remarks
					Dicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]		
1.1	EN AW 5754	EN 573-3	unbehandelt	Vormateriel (Gussblöcke)	≤ 950		Richtlinie 2014/68/EU Directive 2014/68/EU EN 13445-2 AD 2000-W6/1	Zertifiziert gemäß Druckgeräterichtlinie Anhang I , Abs. 4.3 durch die Zertifizierungs- stelle der TÜV NORD Systems (Reg.-Nr. 0045) Certified acc. to PED annex I, sec. 4.3 by the notified body of TÜV NORD Systems (Reg. no. 0045).
	EN AW 5083	EN 573-3	unbehandelt	Vormateriel (Gussblöcke)	≤ 950			
	EN AW 6082	EN 573-3	unbehandelt	Vormateriel (Gussblöcke)	≤ 950			

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Datum: 2023.03.29
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* +AT = Lösungsgeglüht / solution annealed, +N = normalgeglüht, normalisierend umgeformt / normalized forming, +U = unbehandelt / untreated, +NT = normalgeglüht und angelassen / normalized and tempered, +QT = vergütet / quenched and tempered, +M = thermomechanisch umgeformt / thermo mechanical formed, +AR = wie gewalzt / as rolled, +SR = spannungsarmgeglüht / stress relieved, +A = weichgeglüht / soft annealed, +CR = kaltgewalzt / cold rolled
(weitere Symbole / other symbols: EN 10027-1, Tab. 18)