

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

Precimetal Cast Pvt. Ltd.
C-1, 18/6, 18/7, 35-36/4, 36/5, G.I.D.C.-Kadi
Dist. Mehsana - 382 715
Gujarat, India

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1409/WP/2085/20

File No.: 811 810 2803

Production site: **See above.**

The scope of approval is available in the annex scope of approval.

The company fulfils the following essential requirements:

Facilities for appropriate manufacturing and testing, appropriate procedures for manufacturing of the products, qualified personnel for manufacturing and testing of the products and a quality management system with appropriate records, which ensures proper manufacture of the products, as well as compliance with the requirements specified in the material specification.

This certificate is valid until

February 2023

Essen, 18.02.2020

Annex: scope of approval

Conventional Power Plants
Langemarckstr. 20
45141 Essen

Phone: 201-825-2722
Fax: 201-825-2858
E-Mail: DNiekamp@tuev-nord.de




Niekamp

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

CERTIFICATE

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

Certificate no.: 07/202/1409/WZ/2085/20

Name and address
of the manufacturer: **Precimetal Cast Pvt. Ltd.**
C-1, 18/6, 18/7, 35-36/4, 36/5, G.I.D.C.-Kadi
Dist. Mehsana – 382 715
Gujarat, India

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 AD2000-Merkblatt W0**

Certification file no.: **811 810 2803**

Audit report file no.: **811 792 3505**

Scope of approval:
(product / material) **Investment Castings**

Production site: **C-1, 18/6, 18/7, 35-36/4, 36/5, G.I.D.C.-Kadi, Dist. Mehsana – 382 715, Gujarat, India**

The certificate is valid until: **February 2023**

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

Essen, 18.02.2020

Annex: Scope of Approval

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Langemarckstr. 20
45141 Essen


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Member of




CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

Notified Body (0045)
for Pressure Equipment



Niekamp

TÜV NORD Systems GmbH & Co. KG,
Große Bahnstraße 31, D-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.

Zertifikat-Nr. / Certificate No.: 07 202 1409 WZ 2085 20

AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0

Zertifikat-Nr. / Certificate No.: 07 203 1409 WP 2085 20

Firma / Company: Precimetal Cast Private Limited

Datum / Date: 18.02.2020

Ort / Location: C-1, 18/6, 18/7, 35-36/4, 36/5, G.I.D.C-Kadi 382715, ,

AZ / File No.: IS/PC-323/20

Dist.: - Mehsana, GUJRAT, INDIA

SAP-No.: 811 810 2803

Niekamp

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 / Weight [kg]		
1.11	1.4309	EN 10213	AT	Investment Castings	Max 60mm	Max.65 kgs	Directive 2014/68/EU	Certified acc to PED annex 1 sec.4.3 by the notified body of TÜV Nord systems (Reg no. 0045)
1.12	1.4409	EN 10213	AT	Investment Castings				
2.11	1.0619	EN 10213	N	Investment Castings	Max. 60mm	Max. 65kgs	Directive 2014/68/EU AD 2000 Merkblatt W5	No production or repair welding during manufacturing process
2.12	1.4308	EN 10213	AT	Investment Castings				
2.13	1.4408	EN 10213	AT	Investment Castings				
3.11	CF3	ASTM-A-351	AT	Investment Castings	Max. 60mm	Max.65 kgs		If use in area of PED 2014/68/EU a Particular Material Appraisal(PMA) is necessary
3.12	CF3M	ASTM-A-351	AT	Investment Castings				
3.13	CF8	ASTM-A-351	AT	Investment Castings				
3.14	CF8M	ASTM-A-351	AT	Investment Castings				
3.15	WCB	ASTM-A-216	N	Investment Castings				
3.16	WCC	ASTM-A-216	N,QT	Investment Castings				
3.17	LCC	ASTM-A-352	QT	Investment Castings				

* +AT = Lösungsgelüht / 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)