

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

Jagdish Precision Cast Pvt. Ltd.
Survey No. 213, Plot No. 3 & 4, N. H. 27,
Veraval (Shapar), Dist. Rajkot – 360 024, Gujarat, India

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1409/WP/1751/21

File No.: 811 997 8684

Production site: **As 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

November 2024

Essen, 2021-11-19

Annex: scope of approval

Conventional Power Plants
Am TÜV 1
45307 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/1751/21

Name and address of the manufacturer: Jagdish Precision Cast Pvt. Ltd.
Survey No. 213, Plot No. 3 & 4, N. H. 27,
Veraval (Shapar), Dist. Rajkot – 360 024, 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.: 811 997 8684

Audit report file no.: 811 967 2230

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

Production site: Survey No. 213, Plot No. 3 & 4, N. H. 27,
Veraval (Shapar), Dist. Rajkot – 360 024, Gujarat, India

The certificate is valid until: **November 2024**

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

Essen, 2021-11-19



Notified Body (0045)
for Pressure Equipment


Niekamp

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Große Bahnstraße 31, D-22525 Hamburg

Annex: Scope of Approval

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45307 Essen

Phone 201-825-2722
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e-mail dniekamp@tuev-nord.de

Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

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, Zertifikat-Nr. / Certificate No.: 07 202 1409 WZ 1751/21
 Point 4.3.

AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0
 07 203 1409 WP 1751/21

Firma / Company: JAGDISH PRECISION CAST PVT. LTD.

Ort / Location: Survey No. 213, Plot No. 3 & 4,
 N. H. 27, Veraval (Shapar), Dist. Rajkot - 360 024, Gujarat, India

Datum / Date: 19.11.2021

AZ / File No.: ISIPW-998/21

SAP-No.: 811 997 8684



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]		
1.11	1.0619	EN 10213	+N/+QT	Investment Castings	Max. 80 mm	Weight Max.	Directive 2014/68/EU	Certified acc. To PED annex I, sec. 4.3 by the notified body of TÜV NORD Systems (Reg.No.0045) *1.14,*1.15,*1.16 With IC 3.2 in acc.With EN 10204 WPQR approved for AD 2000(ISO 11970) WPS/CF3M/JPCPL/01 Rev.00 WPS/WCB/JPCPL/03 Rev.00 WPS/WCC/JPCPL/04 Rev.00 If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary
1.12	1.4408	EN 10213	+AT	Investment Castings for Valves & Pumps	Wall Thickness	100 kgs.	AD 2000 Merblatt W5	
1.13	1.4308	EN 10213	+AT					
1.14	1.7357*	EN 10213	+NT					
1.15	1.6220*	EN 10213	+QT					
1.16	1.6225*	EN 10213	+QT					
2.11	1.4309	EN 10213	+AT	Investment Castings for Valves & Pumps	Max. 80 mm	Weight Max.	Directive 2014/68/EU	
2.12	1.4409	EN 10213	+AT		Wall Thickness	100 kgs.		
3.11	CF8M	ASTM A 351	+AT	Investment Castings for Valves & Pumps	Max. 80 mm	Weight Max.		
3.12	CF8	ASTM A 351	+AT		Wall Thickness	100 kgs.		
3.13	CF3M	ASTM A 351	+AT					
3.14	CF3	ASTM A 351	+AT					
3.15	WCB	ASTM A216	+N/+QT					
3.16	WCC	ASTM A216	+N/+QT					
3.17	CA15	ASTM A217	+NT					
3.18	WC6	ASTM A217	+NT					
3.19	LCC	ASTM A352	+QT					
3.20	LCB	ASTM A352	+QT					

* +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)