

# CERTIFICATE

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

Certificate no.: 07/202/1409/WZ/2083/21

**Name and address  
of the manufacturer:** Amazon Technocast Pvt. Ltd.  
Survey No. 269, Plot No. 1, 2 & 3,  
Rajkot-Gondal N.H.No. 27, Village: Shapar (Veraval)  
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.: **812 008 4415**

Audit report file no.: **811 995 7627**

Scope of approval:  
(product / material) **Manufacture and Supply of Investment Castings by Lost  
Wax Process**

Production site: **Survey No. 269, Plot No. 1, 2 & 3,  
Rajkot-Gondal N.H.No. 27, Village: Shapar (Veraval)  
Dist. Rajkot – 360 024, Gujarat, India**

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

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

Essen, 2021-12-24



Notified Body (0045)  
for Pressure Equipment

  
Niekamp

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

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](mailto:dniekamp@tuev-nord.de)

Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

# CERTIFICATE

**TÜV NORD Systems GmbH & Co. KG**

certifies that the company

**Amazon Technocast Pvt. Ltd.**  
**Survey No. 269, Plot No. 1, 2 & 3,**  
**Rajkot-Gondal N.H.No. 27, Village: Shapar (Veraval)**  
**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/2083/21**

File No.: 812 008 4415

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

**December 2024**

Essen, 2021-12-24

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

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 2083/21

AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 07 203 1409 WP 2083/21

Firma / Company: AMAZON TECHNOCAST PRIVATE LIMITED

Ort / Location: Survey No.269 Rajkot-Gondal N/H No.27

Village: Shapar, Dist. Rajkot-360 024, Gujarat, India

Datum / Date: 24.12.2021

AZ / File No.: ISIPW-34/22

SAP-No.: 812 008 4415



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	1.4309	EN 10213	+AT	Investment Castings	Max. Thickness 50 mm	Weight Max. 150 Kgs.	PED 2014/68/EU	Certified acc. To PED annex I, sec. 4.3 by the notified body of TÜV NORD Systems (Reg. No.0045)
1.12	1.4409	EN 10213	+AT					
1.13	1.4469	EN 10213	+AT					
1.14	1.4470	EN 10213	+AT					
1.15	1.4417	EN 10213	+AT					*1 with inspection certificate 3.2
2.11	1.0619	EN 10213	+N	Investment Castings	Max. Thickness 50 mm	Weight Max. 150 Kgs.	PED 2014/68/EU AD 2000 Merkblatt W5	WPS/NORSOK/4A/03 WPS/NORSOK/5A/04 WPS/NORSOK/6A/05 approved for welding in area of AD 2000 Merkblatt
2.12	1.4308	EN 10213	+AT					
2.13	1.4408	EN 10213	+AT					
2.14	1.7357*1	EN 10213	+NT					

\* +AT = Lösungsgelüht / solution annealed, +N = normalgeglüht / normalized forming, +U = unbehandelt / untreated, +NT = normalgeglüht und angelassen / normalized 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)



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 2083/21

Systems

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

Zertifikat-Nr. / Certificate No.: 07 203 1409 WP 2083/21

Firma / Company: AMAZON TECHNOCAST PRIVATE LIMITED

Ort / Location: Survey No.269, Rajkot-Gondal N/H No.27

Village: Shapar, Dist. Rajkot-360 024, Gujarat, India

Datum / Date: 24.12.2021

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Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions		Prüfungslagen Test Specifications	Bemerkungen Remarks
					Dicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]		
3.11	WCB	ASTM-A-216	+N/+QT	Investment Castings	Max. Thickness 50 mm	Weight Max. 150 Kgs.		If use in area of PED 2014/68/EU a Particular Material Appraisal(PMA) is necessary
3.12	WCC	ASTM-A-216	+N/+QT					
3.13	CF8	ASTM-A-351	+AT					
3.14	CF8M	ASTM-A-351	+AT					
3.15	CF3	ASTM-A-351	+AT					
3.16	CF3M	ASTM-A-351	+AT					
3.17	CK3MCuN	ASTM-A-351	+AT					
3.18	CN7M	ASTM-A-351	+AT					
3.19	CF8C	ASTM-A-351	+AT +Stabilizing					
3.20	CF10	ASTM-A-351	+AT					
3.21	CG8M	ASTM-A-351	+AT					
3.22	CW6MC	ASTM-A-494	+AT					
3.23	CU5MCuC	ASTM-A-494	+AT					
3.24	1B(CD4MCuN)	ASTM-A-995	+AT					
3.25	4A(CD3MN)	ASTM-A-995	+AT					
3.26	5A(GE3MIN)	ASTM-A-995	+AT					
3.27	6A(CD3MWCuN)	ASTM-A-995	+AT					
3.28	WC6	ASTM-A-217	+NT					
3.29	WC9	ASTM-A-217	+NT					
3.30	CA-15	ASTM-A-217	+NT					
3.31	C-5	ASTM-A-217	+NT					
3.32	C-12	ASTM-A-217	+NT					
3.33	LCB	ASTM-A-352	+QT					
3.34	LCC	ASTM-A-352	+QT					
3.35	M35-1	ASTM-A-494	As Cast					
3.36	CB7Cu1	ASTM-A-747	Precipitation Hardening					

\* +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)