

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

**Ommi Forge Pvt. Ltd.
Plot No. 300-302, III Phase
Malur Industrial Area**

Malur - 563 160, Karnataka, India

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1409/WP/1842/19

File No.: 811 744 4588

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

September 2022

Essen, 2019-08-29

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



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/1842/19

Name and address
of the manufacturer:

Ommi Forge Pvt. Ltd.
Plot No. 300-302, III Phase
Malur Industrial Area
Malur - 563160, Karnataka, 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.:

811 744 4588

Audit report file no.:

811 734 5586

Scope of approval:
(product / material)

Manufacture and supply of Steel Forgings

Production site:

Plot No. 300-302, III Phase, Malur Industrial Area
Malur - 563160, Karnataka, India

The certificate is valid until:

September 2022

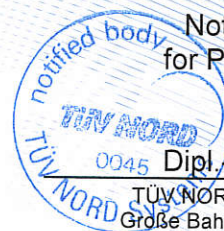
Only valid in conjunction with a valid certificate acc. to EN ISO 9001.

Essen, 2019-08-29

Annex: Scope of Approval

Conventional Power Plants
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45141 Essen

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Notified Body (0045)
for Pressure Equipment

Dipl.-Ing. (FH) Niekamp

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

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, Point 4.3.

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

Firma / Company: Ommi Forge Pvt. Ltd.,

Ort / Location: Plot No 300-302, III PHASE, MALUR INDUSTRIAL AREA
MALUR -563160, Kokar District, Karnataka, INDIA

Zertifikat-Nr. / Certificate No.: 07/202/1409WZ/1842/19

Zertifikat-Nr. / Certificate No.: 07/203/1409WP/1842/19

Datum / Date: 29.08.2019

AZ / File No.: ISEC-915/19

SAP-No.: 811 744 4588



Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions		Prüfgrundlagen Techn. requirements	Bemerkungen Remarks
					Wanddicke Thickness [mm]	Ø / Gewicht Weight [kg]		
1.1	P280GH (1.0426)	EN10222-2	+QT	Steel Forgings for Pressure Purpose	<160	350 Kgs	Directive 2014/68/EU	Certified acc. to PED Annex 1, Sec. 4.3 by the Notified Body at TÜV NORD Systems Reg.0045
1.2	P285QH (1.0478)	EN 10222-4	+QT	Steel Forgings for Pressure Purpose	<250	350 Kgs	Directive 2014/68/EU	
2.0	X2Cr Ni Mo17-12.2 (1.4404)	EN 10222-5	+AT	Steel Forgings for Pressure Purpose	<250	350 Kgs	Directive 2014/68/EU AD 2000, W2, W10	Certified acc. to PED Annex 1, Sec. 4.3 by the Notified Body at TÜV NORD Systems Reg.0045
3.1	Grade A105	ASTM A105	+N, +QT	Steel Forgings for Pressure Purpose		350 Kgs	1)	
3.2	Grade LF2	ASTM A350	+QT				1)	
3.3	Grade F22	ASTM A182	+NT				1)	
3.4	Grade F91	ASTM A182	+NT				1)	1) if use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is required
3.5	Grade 316L/316	ASTM A182	+AT				1)	

Fußnoten / Footnotes:

* +AT = Lösungsgeglüht / solution annealed, +N = normalgeglüht / normalized, +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, +P = Ausscheidungsgehärtet / precipitation hardened, +T = Angelassen / tempered