

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

PARAMOUNT SPECIALITY FORGINGS LLP
99/100, 260/263 & 135 Jawahar Industrial Estate
Kamothe, Panvel – 410209, Dist. Raigad,
Maharashtra, India

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1409/WP/1591/20

File No.: 811 847 6576

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

June 2023

Essen, 2020-06-24

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/1591/20

Name and address
of the manufacturer:

PARAMOUNT SPECIALITY FORGINGS LLP
99/100, 260/263 & 135 Jawahar Industrial Estate
Kamothe, Panvel – 410209, Dist. Raigad,
Maharashtra, 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.:

811 847 6576

Audit report file no.:

811 810 3096

Scope of approval:
(product / material)

Forged Flanges, Fittings, Tube Sheets / Blanks, Rings,
Nozzles & Valve Parts

Production site:

99/100, 260/263 & 135 Jawahar Industrial Estate
Kamothe, Panvel – 410209, Dist. Raigad,
Maharashtra, India

The certificate is valid until: June 2023

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

Essen, 2020-06-24



Notified Body (0045)
for Pressure Equipment


Niekamp

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Annex: Scope of Approval

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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, Point 4.3. Zertifikat-Nr. / Certificate No.: 07/202/1409WZ/1591/20

AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 07/203/1409WP/1591/20

Firma / Company: Paramount Speciality Forgings LLP

Ort / Location: 99/100,260/263, 135; Kamothe, Dist.Raigad, India

Datum / Date: 24.06.2020

AZ / File No.: ISIPC-757/20

SAP-No.: 811 847 6576



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 Ø / Weight [kg]		
1.1	1.4301	EN 10222-5	AT	FORGED AND MACHINE FLANGES	DIN & EN		Directive 2014/68/EU	Certified acc. to PED annex I, sec. 4.3 by the notified body of TÜV NORD Systems (Reg. no. 0045).
1.2	1.4307	EN 10222-5	AT	FORGED AND MACHINE FLANGES	PN 10 TO PN 100		AD 2000 Merkblatt W2	
1.3	1.4404	EN 10222-5	AT	FORGED AND MACHINE FLANGES	DN 15 TO DN 600		AD 2000 Merkblatt W9	
1.4	1.4541	EN 10222-5	AT	FORGED AND MACHINE FLANGES			AD 2000 Merkblatt W10	
1.5	1.4571	EN 10222-5	AT	FORGED AND MACHINE FLANGES				
1.6	1.4401	EN 10222-5	AT	FORGED AND MACHINE FLANGES				
1.7	1.4406	EN 10222-5	AT	FORGED AND MACHINE FLANGES				
2.1	A105	ASTM / ASME A / SA 105	N	FORGED AND MACHINE FLANGES & FORGED VALVE COMPONENT	ASME SIZE 1/2" to 24"			If use in area of pressure equipment directive a Particular Material Appraisal as per PED Annex I, 4.2 ©.
2.2	Gr LF2 CL1 & CL2	ASTM / ASME A / SA 350	N, NT & QT		CLASS 150 to 1500			
2.3	Gr F304	ASTM / ASME A / SA 182	AT		PN 10 to PN 100			
2.4	Gr F304L	ASTM / ASME A / SA 182	AT		DN 15 to DN 600			

Fußnoten / Footnotes:

* +AT = Lösungsgelüht / solution annealed, +N = normalgelüht, normalisierend umgeformt / normalized forming, +U = unbehandelt / untreated, +NT = normalgelüht und angelassen / normalized and tempered, +QT = vergütet / quenched and tempered, +M = thermomechanisch umgeformt / thermo mechanical formed, +AR = wie gewalzt / as rolled, +SR = spannungsarmgelüht / stress relieved, +A = weichgelüht / soft annealed, +CR = kaltgewalzt / cold rolled, +P = Ausscheidungsgehärtet / precipitation hardened, +T = Angelassen / tempered

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: Paramount Speciality Forgings LLP

Ort / Location: 99/100,260/263, 135; Kamothe, Dist.Raigad, India

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					Wanddicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]		
2.5	Gr F316	ASTM / ASME A / SA 182	AT	FORGED AND MACHINE FLANGES & FORGED VALVE COMPONENT	ASME SIZE 1/2" to 24"			If use in area of pressure equipment directive a Particular Material Appraisal as per PED Annex I, 4.2 ©.
2.6	Gr F316L	ASTM / ASME A / SA 182	AT	FORGED AND MACHINE FLANGES & FORGED VALVE COMPONENT	CLASS 150 to 1500			
2.7	Gr F321	ASTM / ASME A / SA 182	AT	FORGED AND MACHINE FLANGES & FORGED VALVE COMPONENT	PN 10 to PN 100			
2.8	Gr F316Ti	ASTM / ASME A / SA 182	AT	FORGED AND MACHINE FLANGES & FORGED VALVE COMPONENT	DN 15 to DN 600			
2.9	Gr F9	ASTM / ASME A / SA 182	AT	FORGED AND MACHINE FLANGES & FORGED VALVE COMPONENT				
2.10	Gr F11	ASTM / ASME A / SA 182	AT	FORGED AND MACHINE FLANGES & FORGED VALVE COMPONENT				
2.11	Gr F5 & F5a	ASTM / ASME A / SA 182	AT	FORGED AND MACHINE FLANGES & FORGED VALVE COMPONENT				
2.12	Gr F51	ASTM / ASME A / SA 182	AT	FORGED AND MACHINE FLANGES & FORGED VALVE COMPONENT				
2.13	Gr F60	ASTM / ASME A / SA 182	AT	FORGED AND MACHINE FLANGES & FORGED VALVE COMPONENT				

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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

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					Wanddicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]		
2.14	UNS N08825	ASTM / ASME B / SB 564	AT / NT	FORGED AND MACHINE FLANGES	ASME SIZE 1/2" to 24"			If use in area of pressure equipment directive a Particular Material Appraisal as per PED Annex I, 4.2 ©.
2.15	UNS N06600	ASTM / ASME B / SB 564	AT	FORGED AND MACHINE FLANGES	CLASS 150 to 1500			
2.16	UNS N10276	ASTM / ASME B / SB 462	AT	FORGED AND MACHINE FLANGES	PN 10 to PN 100			
2.17	UNS N04400	ASTM / ASME B / SB 564	NT	FORGED AND MACHINE FLANGES	DN 15 to DN 600			

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