

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

Welspun Specialty Solutions Limited (Steel Plant)
Plot No. 01, GIDC Industrial Estate
Jhagadia - Valia Road, Jhagadia
Dist: Bharuch - 393 110, Gujarat, India

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1409/WP/2385/19

File No.: 811 746 6896

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, 2019-09-10

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/2385/19

**Name and address
of the manufacturer:**

**Welspun Specialty Solutions Limited (Steel Plant)
Plot No. 01, GIDC Industrial Estate
Jhagadia - Valia Road, Jhagadia
Dist: Bharuch - 393 110, 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.:

811 746 6896

Audit report file no.:

811 712 9869

Scope of approval:
(product / material)

Carbon Steel, Alloy Steel and Stainless Steel Blooms, Ingots
and Rolled Products

Production site:

Plot No. 01, GIDC Industrial Estate, Jhagadia - Valia Road,
Jhagadia, Dist: Bharuch - 393 110, Gujarat, India

The certificate is valid until:

September 2022

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

Essen, 2019-09-10

Annex: Scope of Approval

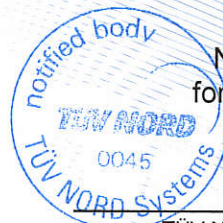
Conventional Power Plants
Langemarckstr. 20
45141 Essen

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e-mail DNiekamp@tuev-nord.de

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.:

☒ AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.:

Firma / Company: Welspun Specialty Solutions Limited (Steel Plant)

Ort / Location: Plot No: 01, GIDC Industrial Estate, Valia Road, Jhagadia, Dist: Bharuch - 393110, Gujarat, India

07 202 1409 WZ 2385 19

07 203 1409 WP 2385 19

Datum / Date: 10.09.2019

AZ / File No.: ISEC-922/19

SAP-No.: 811 746 6896

TÜV NORD

Systems

Niekamp



Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond. *	Erzeugnis form Product type	Abmessungen Dimensions Wanddicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]	Prüfgrundlagen Techn. requirements	Bemerkungen Remarks
1.11	1.4301, 1.4307	DIN EN 10272	As Rolled / AT	Rolled Products	Maximum 200mm Round Maximum 350 RCS		Directive 2014/68/EU	Certification According to PED Annex.1 Sec.4.3 by the notified body of TÜV Nord Systems GmbH & Co. KG(Reg. No. 0045)
1.12	1.4401, 1.4404	DIN EN 10272	As Cast / AT	Blooms Ingots	Maximum 280X350 Maximum 30 MT			
2.11	1.4006	DIN EN 10272	As Cast / As Rolled / QT	Rolled Products / Blooms / Ingots			Directive 2014/68/EU	
3.11	1.4301, 1.4307 1.4401, 1.4404	EN 10088-3 EN 10088-3	As Rolled / AT As Cast / AT	Rolled Products Blooms Ingots	Maximum 200mm Round Maximum 350 RCS Maximum 280X350 Maximum 30 MT			
3.12	1.4006	EN 10088-3	As Cast / As Rolled / QT	Rolled Products / Blooms / Ingots				If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary

Fußnoten / Footnotes:

* +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, +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. Zertifikat-Nr. / Certificate No.: 07 202 1409 WZ 2385 19

☒ AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 07 203 1409 WP 2385 19

Firma / Company: Welspun Specialty Solutions Limited (Steel Plant)

Ort / Location: Plot No: 01, GIDC Industrial Estate, Valia Road, Jhagadia, Dist: Bharuch - 393110, Gujarat, India



Systems

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Datum / Date: 10.09.2019

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Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnis form Product type	Abmessungen Dimensions Wanddicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]	Prüfgrundlagen Techn. requirements	Bemerkungen Remarks
4.11	304, 304L	ASTM A 479	As Rolled / AT	Rolled Products	Maximum 200mm Round Maximum 350 RCS			If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary
4.12	316, 316L	ASTM A 479	As Cast /As Rolled / AT	Blooms	Maximum 280X350			
4.13	410	ASTM A 479	As Cast As Rolled / QT	Ingots	Maximum 30 MT			
5.11	304, 304L	ASTM A 276	As Rolled / AT	Rolled Products	Maximum 200mm Round Maximum 350 RCS			If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary
5.12	316, 316L	ASTM A 276	As Cast /As Rolled / AT	Blooms	Maximum 280X350			
5.13	410	ASTM A 276	As Cast As Rolled / QT	Ingots	Maximum 30 MT			
6.11	105	ASTM A 105	As Rolled / AT	Rolled Products	Maximum 200mm Round Maximum 350 RCS			If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary
			As Cast /As Rolled / AT	Blooms	Maximum 280X350			
			As Cast As Rolled / QT	Ingots	Maximum 30 MT			

Fußnoten / Footnotes:

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