

CERTIFICATE

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

Certificate no.: 07/202/1409/WZ/2249/18

**Name and address
of the manufacturer:** Jindal Quality Tubular Limited
A1-UPSIDC Industrial Area
Nandgaon Road, Kosi Kalan
Mathura – 281 403, Uttar Pradesh, 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.:

811 566 8407

Audit report file no.:

811 497 1118 (TN India)

Scope of approval:
(product / material)

**Manufacture of Stainless Steel Seamless and Welded
Tubes & Pipes**

Production site:

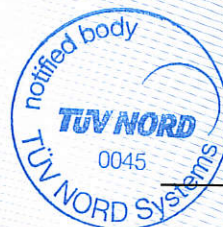
**A1-UPSIDC Industrial Area, Nandgaon Road, Kosi Kalan,
Mathure – 281 403, Uttar Pradesh, India**

The certificate is valid until:

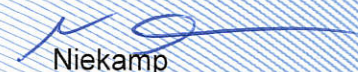
January 2021

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

Essen, 15.01.2018



Notified Body (0045)
for Pressure Equipment


Niekamp

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

Annex: scope of approval

Region: Essen
Langemarckstr. 20
45141 Essen, Germany

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Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

CERTIFICATE

The TÜV NORD Systems GmbH & Co. KG

certifies that the company

**Jindal Quality Tubular Limited
A1-UPSIDC Industrial Area
Nandgaon Road, Kosi Kalan
Mathura - 281 403, Uttar Pradesh, India**

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1409/WP/2249/18

File No.: 811 566 8407 / SEI-371/18

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

January 2021

Essen, 15.01.2018

Annex: Scope of approval

Region: Essen
Langemarckstr. 20,
45141 Essen

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Niekamp

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

Notifizierte Stelle für Druckgeräte der TÜV NORD Systems GmbH & Co. KG (Reg.-Nr. 0045)
 Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045

Geltungsbereich der Überprüfung von Werkstoffherstellern gemäss Druckgeräterichtlinie 2014/68/EU, Anhang I, Nr. 4.3 und AD 2000-Merkblatt W0
 Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU, annex I pt. 4.3 and AD 2000-Guideline W0

Anlage zum Zertifikat / Annex to Certificate

Firma/firm: Jindal Quality Tubular Ltd.

DGRL-Nr.: 07 202 1409 WZ 2249 18

Datum / Date : 15.01.2018

Aktenz. / File: SEI-371/18

Ort / place: A-1, UPSIDC, Industrial Area, Kosi Kalan, Mathura

AD 2000-W0-Nr.: 07 203 1409 WP 2249 18

SAP: 811 566 8407



Ifd.Nr No.	Werkstoffbezeichnung Material Designation	Spezifikation Specification	Lieferzust. Delivery Condition	Erzeugnisform Type of Product	Abmessung / Dimension		Prüfgrundlagen Anforderungen Requirements	Bemerkungen / Remarks
					Dicke [mm] Thickness	Ø[mm] [kg/t]		
1	2	3	4	5	6	7	8	9
1.1	Stainless Steel Tubes X5CrNi18-10 (1.4301) X2CrNi18-9 (1.4307) X5CrNiMo17-12-2 (1.4401) X2CrNiMo17-12-2 (1.4404)	EN 10216-5	AT	Stainless Steel Seamless Tubular	0.70 to 8.18	6.00 to 273.1	AD 2000 Merkblatt W2 AD 2000 Merkblatt W10 Directive 2014/68/EU	Zertifiziert gemäß Druckgeräterichtlinie Anhang I , Nr. 4.3 durch die Notifizierte Stelle der TÜV NORD Systems (Reg.-Nr. 0045) Certified acc. to PED annex I, pt. 4.3 by the notified body of TÜV NORD Systems (Reg. no. 0045).
1.2	Stainless Steel Tubes X5CrNi18-10 (1.4301) X2CrNi18-9 (1.4307) X5CrNiMo17-12-2 (1.4401) X2CrNiMo17-12-2 (1.4404)	EN 10217-7	AT	Stainless Steel Welded Tubular	0.50 to 7.11	12.00 to 273.1	AD 2000 Merkblatt W2 AD 2000 Merkblatt W10 Directive 2014/68/EU	Approved WPS JQTL/PROD/WPS/01 Rev 0 JQTL/PROD/WPS/02 Rev 0 JQTL/PROD/WPS/03 Rev 0 JQTL/PROD/WPS/05 Rev 0

Erläuterungen / Explanation: +AT / AT = Lösungsgeglüht und abgeschreckt / solution heat treated and dettered; N = Normalgeglüht und normalisierend gewalzt oder umgeformt / normalized or normalizing rolled / formed;

NT = Normalgeglüht und angelassen / normalized and annealed; +QT / V = vergütet / quenched and tempered; M = Thermo-mechanisch behandelt / thermo mechanical treated

AR = Unbehandelt, wie gewalzt, / not treated; SR = Spannungsarmgeglüht / stress relieved; A = weichgeglüht / soft annealed; CR = Temperaturregelt umgeformt / controlled hot rolled

Hinweis zu Werkstoff gem. Richtlinie 97/23/EG / Hints for materials use acc. to Directive 2014/68/EU :

Für die spezifischen Einsatzbedingungen ist die Zustimmung des Druckgeräteherstellers bzw. der zuständigen benannten Stelle erforderlich.

The specific material operation conditions have to be approved by pressure equipment manufacturer and by the notified body in charge