

CERTIFICATE

**Certification Body for Pressure Equipment
of TÜV NORD Systems GmbH & Co. KG**

certifies, that the company

**Jindal Stainless Limited
Hot Rolling & Cold Rolling Divisions
OP Jindal Marg, Hisar
Haryana, India – 125 005**

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07 202 1423 WP 0896 10

The range of validity and details of the inspection can be taken from
our report no. 810 705 2901

The company fulfils the following essential requirements:

Facilities permitting appropriate manufacturing and inspection corresponding to the present
technical standards, quality assurance, which guarantees that manufacturing and inspection of products stated
in our scope of approval are carried out in accordance with technical regulations,
competent supervising and inspecting personnel.

This certificate is valid until

July 2013



Niekamp

Certification Body

Essen, 14.07.2010
Rev. 2: 04.06.2012

of TÜV NORD Systems GmbH & Co. KG

TÜV NORD Systems GmbH & Co. KG

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045
 Scope of approval for material manufacturer acc. to Pressure Equipment Directive 97/23/EC,
 annex I, sec. 4.3 and AD 2000-Merkblatt W0 / AD2000-Guidelines W0



Firm: Jindal Stainless Limited
 Place: Hisar, Haryana - 125 005, India

Annex to Certificate
 DGRL No.: 07 202 1423 WZ0896 10
 AD 2000-W0-No: 07 202 1423 WP0896 10

Date : 04.06.2012
 TÜV-File: SEK-Nkp
 TÜV-File: SEK-Nkp



Item No.	Name of material Material number	Specification	Condition of delivery	Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg, t]	Regulations Requirements	Remarks Doc.-Nr. WW_20_03_DE (2009-04)
1	2	3	4	5	6	7	8	9
1	X5Cr Ni 18-10 (1.4301)	EN 10028-7	+AT	Stainless Steel, Strips, Sheet,Coil & Plates	CR Strips,Sheet & Coil up to 5 mm HR Strips & Coil 12 mm HR Plate 5mm to 60mm	CR Strips,Sheet & Coil up to 20 MT HR Strips & Coil 0.75 MT HR Plate 0.400 to 5.5 MT	AD 2000 Merkblatt W0 AD 2000 Merkblatt W2 AD 2000 Merkblatt W 10 PED 97/23/EC	Certified acc. to PED annex I, sec. 4.3 by the notified body of TÜV NORD Systems (Reg. no. 0045).
2	X2 CrNiMo 17 12 2 (1.4404)	EN 10028-7	+AT					
3	X6CrNiTi 18-10 (1.4541)	EN 10028-7	+AT					
4	X2CrNi 18-9 (1.4307)	EN 10028-7	+AT					
5	X5CrNi Mo 17-12-2 (1.4401)	EN 10028-7	+AT					
6	X2CrNiMo 18-15-4 (1.4438)	EN 10028-7	+AT					
7	X6CrNi 18-10 (1.4948)	EN 10028-7	+AT					
8	X2CrNiN 18-7 (1.4318)	EN 10028-7	+AT					
9	X6CrNiMoTi 17-12-2(1.4571)	EN 10028-7	+AT					
10	X2CrNi12(1.4003)	EN 10028-7	+A					

Erläuterungen / Explanation: +AT / AT = Lösungsgeglüht und abgeschreckt / solution heat treated and dettered; N = Normalgeglüht und normalisierend umgeformt / normalized and normalizing forming;
 NT = Normalgeglüht und angelassen / normalized and annealed; +QT / V = vergütet / quenched and tempered; M = Thermomechanisch behandelt / thermomechanical treated
 U = Ungeglüht / without annealing; S = Spannungsarmgeglüht / stress relieved; A = weichgeglüht / soft annealed; CR = Temperatureregelt umgeformt / controlled hot rolled; +A = Annealed
 Hinweis zu Werkstoff gem. Richtlinie 97/23/EG / Hints for materials use acc. to Directive 97/23/EC :
 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

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045
 Scope of approval for material manufacturer acc. to Pressure Equipment Directive 97/23/EC,
 annex I, sec. 4.3 and AD 2000-Merkblatt W0 / AD2000-Guidelines W0

Systems

Firm: Jindal Stainless Limited
 Place: Hisar, Haryana - 125 005, India

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1	2	3	4	5	6	7	8	9
1	201	ASTM A240/ASME SA 240	+AT	Stainless Steel coils, plates, sheets and Strips & Coil	CR Strips ,Coil & Sheets upto 5mm	CR Strips, sheet & Coil upto 20MT		If use in area of PED 97/23/EC a Particular Material Appraisal (PMA) is necessary
2	202		+AT					
3	301		+AT					
4	301L		+AT					
5	301LN		+AT					
6	304		+AT					
7	304L		+AT					
8	304H		+AT					
9	316		+AT					
10	316L		+AT					
11	316Ti		+AT					
12	317L		+AT					
13	321		+AT					
14	321H		+AT					
15	309S		+AT					
16	310S		+AT					
17	409		+A					
18	430		+A					
19	410		+A					
20	410S		+A					
21	S32205		+AT					
22	S41500		+A					
23	S32304		+AT					
24	347		+AT					
25	420		ASTM A 176		+A	HR Strips & Coil up to 12 mm		
				HR Plate 5 mm to 60 mm,	HR Plate 0.4 to 5.5 MT			

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