

CERTIFICATE

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

Certificate no.: 07/202/1409/WZ/1594/20

**Name and address
of the manufacturer:**

**Ratnamani Metals & Tubes Limited
(CS Plant, Chhatral Works)
Plot No. 3306-3309, Chhatral GIDC Estate, Phase-IV,
Ahmedabad-Mehsana Highway,
P.O. Chhatral – 382729, Ta: Kalol, Dist: Gandhinagar
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.:

811 846 8168

Audit report file no.:

811 833 5695

Scope of approval:
(product / material)

**Manufacture and Supply of Carbon Steel & Alloy Steel
L-SAW Pipes**

Production site:

**Plot No. 3306-3309, Chhatral GIDC Estate, Phase-IV,
Ahmedabad-Mehsana Highway,
P.O. Chhatral – 382729, Ta: Kalol, Dist: Gandhinagar
Gujarat - INDIA**

The certificate is valid until:

July 2023

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

Essen, 2020-07-22



**Notified Body (0045)
for Pressure Equipment**


Niekamp

Annex: Scope of Approval

Conventional Power Plants
Langemarckstr. 20
45141 Essen

Phone 201-825-2722
Fax 201-825-2858
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Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

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

bitte wählen

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: Ratnamani Metals & Tubes Ltd. (CS Plant, Chhatral Works)
Plot No. 3306-3009, Chhatral GIDC Estate, Phase-IV,
Ahmedabad-Mehsana Highway, Chhatral- 382729, Gujarat - INDIA

Ort / Location:

Zertifikat-Nr. / Certificate No.: 07/202/1409/WZ/1594/20

Zertifikat-Nr. / Certificate No.: -



Niekamp

Datum / Date: 22.07.2020

AZ/FileNo. ISIPC-754/20
SAP-No. 811 846 8168

Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions		Prüfgrundlagen Test specifications	Bemerkungen Remarks
					Dicke Thickness [mm]	Ø/Gewicht Ø / Weight [kg]		
1.11	CB/60/65/70 CC/60/65/70 CL-11/12/13/22/32	ASTM A-671	+N, +SR	Carbon steel L-SAW / C-SAW pipes	5mm to 65mm	Ø 8" to 100" (Ø 219.08 mm to 2540 mm)		
2.11	B60/65/70 C60/65/70 CL-11/12/13/22/32	ASTM A-672	+N,+SR	Carbon steel L-SAW / C-SAW pipes	5mm to 65mm	Ø 8" to 100" (Ø 219.08 mm to 2540 mm)		If use in area of PED 2014/68/EU a particular Material Appraisal (PMA) is necessary
3.11	L-245 or B, PSL-1, PSL-2 L-290 or X42 PSL-1, PSL-2 L-360 or X52 PSL-1, PSL-2 L-390 or X56 PSL-1, PSL-2 L-415 or X60 PSL-1, PSL-2 L-450 or X65 PSL-1, PSL-2 L-485 or X70 PSL-1, PSL-2	API 5L	+M,+N, +AR	Carbon steel L-SAW pipes	5mm to 45mm	Ø 8" to 48" (Ø 219.08 mm to 1219 mm)		
4.11	1 1/4 CR, 2 1/4, 5CR, 9CR CL. 11/12/13/22/32/42	ASTM-691	+N, +NT	Alloy Steel L-SAW / C-SAW pipes	5mm to 65mm	Ø 8" to 100" (Ø 219.08 mm to 2540 mm)		

* +AT = Lösungsgeglüht/ 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 mechanicalformed, +AR = wie gewalzt/as rolled, +SR = spannungsarmgeglüht/stress relieved, +A = weichgeglüht/soft annealed, +CR = kaltgewalzt/cold rolled
(weitere Symbole / other symbols: EN 10027-1, Tab. 18)