

CERTIFICATE

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

Certificate no.: 07/202/1409/WZ/2421/20

**Name and address
of the manufacturer:**

**RAAJRATNA METAL INDUSTRIES LIMITED
Survey No. 99 & 146, Bileshwarpura,
Ahmedabad-Mehsana Highway, Taluka: Kalol,
Dist.: Gandhinagar-382729, 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 5505

Audit report file no.:

811 811 9591

Scope of approval:
(product / material)

Stainless Steel & High Nickel alloy Wires

Production site:

**Survey No. 99 & 146, Bileshwarpura,
Ahmedabad-Mehsana Highway, Taluka: Kalol,
Dist.: Gandhinagar-382729, Gujarat, INDIA**

The certificate is valid until: **July 2023**

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

Essen, 2020-07-15



Notified Body (0045)
for Pressure Equipment


Niekamp

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

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

Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

RAAJRATNA METAL INDUSTRIES LIMITED
Survey No. 99 & 146, Bileshwarpura,
Ahmedabad-Mehsana Highway, Taluka: Kalol,
Dist.: Gandhinagar-382729, Gujarat, INDIA
has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1409/WP/2421/20

File No.: 811 846 5505

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

July 2023



Essen, 2020-07-15

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

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.

Zertifikat-Nr. / Certificate No.: 07/2021/1409NWZ/2421/20

☒ AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0

Zertifikat-Nr. / Certificate No.: 07/2023/1409NWP/2421/20

Firma / Company: RAAJRATNA METAL INDUSTRIES LIMITED

Ort / Location: Survey No. 99 & 146, Bileshwarpura, Ahmedabad-Mehsana Highway,

Taluka: Kalol, Dist.: Gandhinagar-382729,

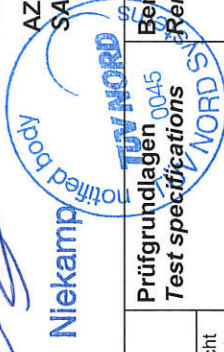
Gujarat, INDIA

Datum / Date: 15.07.2020

AZ / File No.: ISIPC-753/20

SAP-No.: 811 846 5505

Niekamp



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]		
1.1	1.4301	EN 10088-3	+AT	Cold Drawn Wires	0.03 MM Dia. to 25 .00 mm Dia.	0.50Kg. to 1000 kgs		If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary
1.2	1.4307	EN 10088-3	+AT					
1.3	1.4306	EN 10088-3	+AT					
1.4	1.4401	EN 10088-3	+AT					
1.5	1.4404	EN 10088-3	+AT					
1.6	1.4541	EN 10088-3	+AT					
2.1	304	ASTM A 580	+AT	Cold Drawn Wires	0.03 MM Dia. to 25 .00 mm Dia.	0.50 Kg. to 1000 kgs		If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary
2.2	304L	ASTM A 580	+AT					
2.3	316	ASTM A 580	+AT					
2.4	316L	ASTM A 580	+AT					
2.5	321	ASTM A 580	+AT					
3.1	SUH 660	JIS G 4315	+AT	Cold Drawn Wires	0.8 MM Dia. to 17 .00 mm Dia.	5.00 Kg. to 1000 kgs		If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary
4.1	UNS 66286	AMS 5731L	+AT	Cold Drawn Wires	2 MM Dia. to 25 .00 mm Dia.	10.00 Kg. to 1000 kgs		If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary

* +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 mechanical formed; +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)