

CERTIFICATE

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

Certificate no.: 07/202/1409/WZ/1050/20

**Name and address
of the manufacturer:**

**Viraj Profiles Limited (Fastener Division)
Survey No. 110,111,114/1 C-D 116,119,120
Village Mahagaon, Tal. Palghar, Dist. Palghar – 401 506
Maharashtra, 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.:

811 811 1893

Audit report file no.:

811 779 2191

Scope of approval:
(product / material)

Stainless Steel Fasteners

Production site:

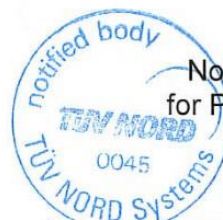
**Survey No. 110,111,114/1 C-D 116,119,120, Village
Mahagaon, Tal. Palghar, Dist. Palghar – 401 506,
Maharashtra, India**

The certificate is valid until:

February 2023

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

Essen, 07.02.2020



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

Niekamp

Annex: Scope of Approval

Conventional Power Plants
Langemarckstr. 20
45141 Essen

Phone. +49-(0) 201-825-2722
Fax +49-(0) 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

Viraj Profiles Limited (Fastener Division)

Survey No. 110,111,114/1 C-D 116,119,120

**Village Mahagaon, Tal. Palghar, Dist. Palghar - 401 506
Maharashtra, India**

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1409/WP/1050/20

File No.: 811 811 1893

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

February 2023

Essen, 2020-02-07

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

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.

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

Firma / Company: Viraj Profiles Ltd. - Fastener Division

Ort / Location: Survey No. 110,111, 114/1 C-D 116, 119, 120, Village Mahagaon, Tal. Palghar, Dist. Palghar - 401 506, Maharashtra, India
 File No.: ISIPC-341/20
 SAP-No.: 811 811 1893

Zertifikat-Nr. / Certificate No.: 07 202 1409 WZ 1050 20

Zertifikat-Nr. / Certificate No.: 07 203 1409 WP 1050 20

Datum / Date: 07.02.2020



Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions Wanddicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]	Prüfgrundlagen Techn. requirements	Bemerkungen Remarks
1.1	A2-70	ISO 3506-1	(+U)	Hex Screw	M6 - M24		Directive 2014/68/EU AD 2000 Merkblatt W2	DIN 933/ ISO 4017
1.2	A4-50	ISO 3506-1	(+U)	Hex Bolt	M6 - M24			DIN 931 / ISO 4014/JISB 1180
1.3	A4-70	ISO 3506-1	(+U)	CSK Screw/Bolt	M6 - M24			DIN 7991 / ISO10642
		ISO 3506-1	(+U)	Hex Socket Head cap Screw/Bolt	M6 - M24			DIN 912 / ISO4762
		ISO 3506-1	(+U)	Button Head Screw	M6 - M16			ISO 7380
		ISO 3506-1	(+U)	Carriage Screw / Bolt	M6 - M20			DIN 603
		ISO 3506-1	(+U)	Slotted CSK Head screw	M6 - M20			DIN 963
		ISO 3506-1	(+U)	Slotted Raised CSK Head screw	M6 - M16			DIN 964
		ISO 3506-1	(+U)	Cross recessed raised CSK Oval Head screw	M6 - M16			DIN 966
		ISO 3506-1	(+U)	Cross recessed raised CSK Flat Head screw	M6 - M16			DIN 965
		ISO 3506-1	(+U)	Slotted Cheese Head screw	M6 - M10			DIN 84
		ISO 3506-1	(+U)	Slotted pan head screw	M6 - M16			DIN 85
								Certified acc. to PED annex I, sec. 4.3 by the notified body of TÜV NORD Systems (Reg. no. 0045) Max. 0,8 % Cu

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 = weichegelüht / 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 1050 20

☒ AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 07 203 1409 WP 1050 20

Firma / Company: Viraj Profiles Ltd. - Fastener Division

Ort / Location: Survey No. 110,111, 114/1 C-D 116, 119, 120, Village Mahagaon, Tal. Palghar, Dist. Palghar - 401 506, Maharashtra, India

Niekamp

Datum / Date: 07.02.2020

AZ / File No.: ISIPC-341/20

SAP-No.: 811 811 1893

Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions Wanddicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]	Prüfgrundlagen Techn. requirements	Bemerkungen Remarks
1.4	A2-50	ISO 3506-2	(+U)	Hex Nut	M6 - M27		Directive 2014/68/EU AD 2000 Merkblatt W2	DIN 934/ ISO 4032
1.5	A2-70	ISO 3506-2	(+U)	Thin Nut	M6 - M27			DIN 439
1.6	A4-50	ISO 3506-2	(+U)	Square Nut	M6 - M16			DIN 567
1.7	A4-70	ISO 3506-2	(+U)	Square Thin Nut	M6 - M16			DIN 562
		ISO 3506-2	(+U)	Flange Nut	M6 - M20			DIN 6923
		ISO 3506-2	(+U)	Square Weld Nut	M6 - M16			DIN 928
		ISO 3506-2	(+U)	Weld Nut	M6 - M16			DIN 929
								Certified acc. to PED annex I, sec. 4.3 by the notified body of TÜV NORD Systems (Reg. no. 0045)
2.1	304	ASTM F 593	CW1/CW2	Hex Screw / Bolt	1/4" -1"			ANSI B 18.2.1
2.2	316	ASTM F 593		Carriage Screw / Bolt	1/4" -1"			ANSI B 18.5
		ASTM F 593	CW	Hex Socket Screw / Bolt	1/4" -1"			ANSI B 18.3
		ASTM F 593	CW	CSK Screw / Bolt	1/4" -1"			ANSI B 18.3
2.3	304	ASTM F 594	CW1/CW2	Hex Nut	1/4" -1"			ANSI B 18.2.2
2.4	316	ASTM F 594	CW1/CW2	Hex Nut	1/4" -1"			ANSI B 18.2.2
								If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is required

Fußnoten / Footnotes:

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