

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

**Rodacciai S.p.A.
Piazza Medaglie d'Oro 1
20135 Milano, Italy**

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/9080/WP/0743/22

File No.: 9080AW_0743/22 - SAP 8120212261

Production site: **1: Via Giuseppe Roda 1 , I-23842 Bosisio Parini (LC)**
2: Via dell' Industria 19/21, I-23844 Sirone (LC)

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

April 2023

Hamburg, 2022-04-19

Annex: scope of approval

Materials- & Welding Technology
Große Bahnstraße 31
22525 Hamburg

Phone: + 49 (0) 40 8557 2090
Fax: +49 (0) 40 8557 2710
E-Mail: IMWuS@tuev-nord.de



Digitally signed
by Liebscher
Anne-Kristin

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

CERTIFICATE

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

Certificate no.: 07/202/9080/WZ/0743/22

Name and address
of the manufacturer: Rodacciai S.p.A.
Piazza Medaglie d'Oro 1
20135 Milano, Italy

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 AD-Merkblatt W0**

Certification file no.: 8120212261

Audit report file no.: 9080AW_0743/22

Scope of approval:
(product / material) Bars of ferritic and austenitic steels

Production site: 1: Via Giuseppe Roda 1 , I-23842 Bosisio Parini (LC)
2: Via dell' Industria 19/21, I-23844 Sirone (LC)

The certificate is valid until: April 2023

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

Attachment:
Scope of approval



Notified Body 0045 for pressure equipment

Contact:
E-mail IMWuS@tuev-nord.de
Phone +49 (0) 40 8557 2090

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

Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE



Richtlinie 2014/68/EU, Anh. I, Pkt. 4.3 / Directive 2014/68/EU, Ann. I, Point 4.3.

Zertifikat-Nr. / Certificate No.: 07/202/9080/WZ/0743/22

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

Zertifikat-Nr. / Certificate No.: 07/203/9080/WP/0743/22

Firma / Company:	Ort / Location:	AZ / File No.:	SAP-Nr.:	Datum / Date:
Rodacciai S.p.A. Piazza Medaglie d'Oro 1, I-20135 Milano	Site 1: I-23842 Bosisio Parini (LC) Site 2: I-23844 Sirone (LC)	9080AW_0743/22	8120212261	07.04.2022 Maines

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 [mm] / [kg]		
1	2	3	4	5	6	7 / 8	9	10
1 Werkstoffe nach harmonisierten Normen (2014/68/EU) / Materials according to harmonized standards (2014/68/EU)								
1.1.	X5CrNi18-10 (1.4301) X2CrNi18-9 (1.4307) X5CrNiMo17-12-2 (1.4401) X2CrNiMo17-12-2 (1.4404) X2CrNiMo18-14-3 (1.4435) X6CrNiTi18-10 (1.4541) X6CrNiMoTi17-12-2 (1.4571) 25CrMo4 (1.7218) 42CrMo4 (1.7225) 21CrMoV5-7 (1.7709)	EN 10272 EN 10269	+AT +AT +AT +AT +AT +AT +AT +QT +QT +QT	hot and cold formed stainless steel bars hot and cold formed ferritic steel bars		3 - 100 mm 5,5 - 105 mm	Richtlinie 2014/68/EU Directive 2014/68/EU Richtlinie 2014/68/EU Directive 2014/68/EU	
2 Werkstoffe nach AD 2000 / Materials according to AD 2000								
2.1	X5CrNi18-10 (1.4301) X2CrNi18-9 (1.4307) X5CrNiMo17-12-2 (1.4401) X2CrNiMo17-12-2 (1.4404) X2CrNiMo18-14-3 (1.4435) X6CrNiTi18-10 (1.4541) X6CrNiMoTi17-12-2 (1.4571) 25CrMo4 (1.7218) 42CrMo4 (1.7225) 21CrMoV5-7 (1.7709)	EN 10272 EN 10269	+AT +AT +AT +AT +AT +AT +AT +QT +QT +QT	hot and cold formed stainless steel bars hot and cold formed ferritic steel bars		3 - 100 mm 5,5 - 105 mm	AD 2000-W2 AD 2000-W7	1) Application limits acc. to Table 1 of AD 2000-W13 2) If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary.
2.2	S355J2+N	EN 10025-2 1), 2)	+N	hot formed bars		20 - 80 mm	AD 2000-W13	

Erläuterung / Explanation:

* +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)