

CERTIFICATE

Certificate No.: 07/203/9080/WP/0743/23

TÜV NORD Systems GmbH & Co. KG certifies that the manufacturer

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

has been verified and recognized as

material manufacturer acc. to AD 2000-Merkblatt W 0

in accordance with the requirements of the certification scheme TNS-AD2000-W0.

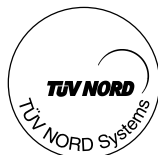
Details can be found in the report and the scope of approval.

The manufacturer has the following prerequisites:

- equipment for proper manufacturing and testing,
- suitable procedures for the manufacture of the products,
- skilled personnel for the manufacture and testing of the products, and
- a quality management system with appropriate records that ensures proper manufacture of the products and compliance with the requirements specified in the material specification.

Manufacturing site: site1: Via Giuseppe Roda 1
I-23842 Bosisio Parini (LC) site 2: Via dell' Industria 19/21
I-23844 Sirone (LC)

Validity: February 2023 until February 2026
Date of issue: 28.02.2023
Audit report No.: 8121189576
Annex: Scope



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CERTIFICATE

Quality management system for material manufacturer
in accordance with the requirements of
Pressure Equipment Directive 2014/68/EU

Certificate No.: **0045/202/9080/WZ/0743/23**

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

This is to certify that the manufacturer has implemented and applies a **quality management system in relation to materials**. This QM system has been subject to specific verification in accordance with the requirements of Directive 2014/68/EU, Annex I, point 4.3 in relation to the materials. The manufacturer is entitled to issue certificates of specific tests on materials in accordance with the Pressure Equipment Directive and the underlying technical specifications.

Test specification: **EN 764-5, section 4.2 and AD-Merkblatt W0**

Audit report No.: **8121189576**

Range of products: **Manufacture of hot and cold formed bars of ferritic and austenitic steels**

Place of manufacture: **site1: Via Giuseppe Roda 1
I-23842 Bosisio Parini (LC)**

**site 2: Via dell' Industria 19/21
I-23844 Sirone (LC)**

This certificate is valid until: **February 2026**

Attachment:
scope of approval

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



Notified Body 0045 for pressure equipment

TUVNORD Digitally signed
by Liebscher
Anne-Kristin

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

TÜV NORD Systems GmbH & Co. KG

Geltungsbereich als Anlage zum Zertifikat / Scope of Approval as annex to Certificate



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

Zertifikat-Nr. / Certificate No.: 0045/202/9080/WZ/0743/23

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

Zertifikat-Nr. / Certificate No.: 07/203/9080/WP/0743/23

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)	4500113715	8121189576	13.02.2023 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 +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 +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-W7-2 AD 2000-W7-1	
2.2	S355J2+N	EN 10025-2 1), 2)	+N	hot formed bars		20 - 80 mm	AD 2000-W13	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.

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)