

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

**Mannesmann Grossrohr GmbH
Gottfried-Linke-Straße 200
D-38239 Salzgitter**

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1042/WP/0794/21

File No.: 1042W1723921 / 8119780807

Production site: **Salzgitter**

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

11/2024

Hannover,

Annex: scope of approval

MT-Hannover
Am TÜV 1
30519 Hannover

Phone: 0511/998-61293
Fax: 0511/998-61632
E-Mail: IMHannover@tuev-nord.de



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*

Zertifikat-Nr. / *Certificate No.:* 07-202-1042-WZ-0794-21

Zertifikat-Nr. / *Certificate No.:* 07-203-1042-WP-0794-21

Firma / *Company:* Mannesmann Großrohr GmbH

Datum / *Date:* 24.11.2021

Ort / *Location:* Gottfried-Linke-Straße 200, 38239 Salzgitter

AZ / *File No.:* 1042W1723921

SAP-No.: 8119780807

Nr. No.	Werkstoffbezeichnung <i>Material designation</i>	Spezifikation <i>Specification</i>	Lieferzustand* <i>Delivery cond.*</i>	Erzeugnisform <i>Product type</i>	Abmessungen <i>Dimensions</i>		Prüfgrundlagen <i>Test specifications</i>	Bemerkungen <i>Remarks</i>
					Dicke <i>Thickness</i> [mm]	Ø / Gewicht <i>Ø / Weight</i> [kg]		
1.1	Rohrstähle steelpipes	EN ISO 3183 EN 10219-1 EN 10217 ff EN 10210-1 EN 10224 EN 10225	N/M N N N N N	geschweißte Rohre welded pipe	6,0 - 25,4 6,0 - 25,4 6,0 - 25,4 6,0 - 25,4 6,0 - 25,4 6,0 - 25,4	≤ 1676 ≤ 1676 ≤ 1676 ≤ 1676 ≤ 1676 ≤ 1676	Richtlinie 2014/68/EU Directive 2014/68/EU EN 13445-2 EN 13480-2 AD 2000 W4 AD 2000 HP 100R	*) Nur zur Information / Only for Information Beim Einsatz im Bereich der Druckgeräterichtlinie 2014/68/EU ist ein Einzelgutachten erforderlich If use in area of PED 2014/68/EU an Particulare Material Appraisal (PMA) is necessary
1.2	Rohrstähle steelpipes API 5L A 252	ASTM/ASME *) API 5L *) ASTM A 252 *)			6,0 - 25 6,0 - 25	≤ 1676 ≤ 1676		

* +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)