

# **CERTIFICATE**

## TÜV NORD Systems GmbH & Co. KG

certifies that the company

ArcelorMittal Bremen GmbH Carl-Benz-Straße 30 D - 28237 Bremen

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/1326/WP/0527/22

File No.: 1326WL22-1830 / 8120337316

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

**April 2025** 

Hamburg, 2022-06-16

Annex: scope of approval

Material- and Welding Technology Große Bahnstrasse 31 D - 22525 Hamburg TUV NORD

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

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

To verify the validity of the digital signature of the TÜV NORD Systems employee, the installation of the TÜV NORD GROUP root certificate is required: <a href="https://www.tuev-nord.de/en/company/top-menu-links/customer-login/digital-signature/">https://www.tuev-nord.de/en/company/top-menu-links/customer-login/digital-signature/</a>

## 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.: 07/203/1326/WP/0527/22

x AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 07/202/1326/WZ/0527/22



Firma / Company: ArcelorMittal Bremen			Ort / Location: Carl-Benz-Straße 30 28237 Bremen, Deutschland		AZ / File No.: 1326WL22-1830		SAP-Nr.: 8120337316	Datum / Date: 28.04.2022		
									Nr.	Werkstoffbezeichnung
No.	Material designation	Specification	Delivery cond.*		Dimensions  Dicke Ø / Gewicht  Thickness Ø / Weight		Test specifications	Remarks		
					[mm]	[mm] / [kg]				
1	2	3	4	5	6	7/8	9	10		
1	1 Werkstoffe nach harmonisierten Normen (2014/68/EU) / Materials according to harmonized standards (2014/68/EU)									
1.1	P235GH (1.0345) P265GH (1.0425) P295GH (1.0481) P355GH (1.0473)	DIN EN 10028-2	+N	Band und Blech aus Band Strip and plate from strip	1,5 - 25		Richtlinie 2014/68/EU Directive 2014/68/EU	TUV NORD  Out 1  NORD SIS		
1.2	P275NH (1.0487) P275NL1 (1.0488) P275NL2 (1.1104) P355N (1.0562) P355NL1 (1.0562) P355NL2 (1.1106)	DIN EN 10028-3	+N	Band und Blech aus Band Strip and plate from strip	1,5 - 25		Richtlinie 2014/68/EU Directive 2014/68/EU	**************************************		
2	Werkstoffe nach AD 2000 /	Materials according	to AD 2000		•			•		
2.1	S235JR+N (1.0038) S235J2+N (1.0117) S275JR+N (1.0044) S275J2+N (1.0145) S355J2+N (1.0577) S355K2+N (1.0596)	DIN EN 10025-2	+N	Band und Blech aus Band Strip and plate from strip	1,5 - 25		AD 2000-Merkblatt W1, TRD 101			

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AZ / File No.:

SAP-Nr.:

AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 07/202/1326/WZ/0527/22



Datum / Date:

ArcelorMittal Bremen			Carl-Benz-Straße 30 28237 Bremen, Deutschland		1326WL22-1830		8120337316	28.04.2022
Nr. <i>No.</i>	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand*  Delivery cond.*	Erzeugnisform  Product type	Abmessungen  Dimensions  Dicke Ø / Gewicht  Thickness Ø / Weight  [mm] [mm] / [kg]		Prüfgrundlagen Test specifications	Bemerkungen <i>Remarks</i>
2.2	2 P235GH (1.0345) P265GH (1.0425) P295GH (1.0481) P355GH (1.0473)	3 DIN EN 10028-2	4 +N	5 Band und Blech aus Band Strip and plate from strip	6 1,5 - 25	7/8	9 AD 2000-Merkblatt W1, AD 2000-Merkblatt W10, TRD 101	10
2.3	P275NH (1.0487) P275NL1 (1.0488) P275NL2 (1.1104) P355N (1.0562) P355NL1 (1.0562) P355NL2 (1.1106)	DIN EN 10028-3 1)	+N	Band und Blech aus Band Strip and plate from strip	1,5 - 25			In Verbindung mit dem VdTÜV Werkstoffblätterm 352/1 und 354/1     In according with VdTÜV Werkstoffblättern 352/1 und 354/1
2.4	P235S (1.0112) P265S (1.0130) P275SL (1.1100)	DIN EN 10207	+N	Band und Blech aus Band Strip and plate from strip	1,5 - 25		AD 2000-Merkblatt W1, AD 2000-Merkblatt W10, TRD 101	
3	Werkstoffe nach anderen	Standards, Technisch	e Regeln / <i>Mater</i>	I ials according to other standa	ards, technica	l rules	<u> </u>	

<sup>\* +</sup>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,

<sup>+</sup>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)