

CERTIFICATE

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

Certificate no.: 07/202/9190/WZ/0809/21

**Name and address
of the manufacturer:** Liberty Ostrava a.s.
Plant 16 Flat Product Rolling Mill
Vratimovská 689/117, Kunčice
719 00 OSTRAVA, CZ

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
Certification file no.:	4319194/03
Audit report file no.:	9190/WP/0809/21
Scope of approval: <i>(product / material)</i>	Hot rolled plates, sheets, strips Non-alloy, alloy and thermomechanical rolled weldable fine grain steel
Production site:	Vratimovská 689/117, Kunčice 719 00 OSTRAVA, CZ
The certificate is valid until:	10/2024

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

Attachment:
Scope of approval



Notified Body 0045 for pressure equipment

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Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

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: <https://www.tuev-nord.de/en/customer-login/digital-signature/>

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

Liberty Ostrava a.s.
Plant 16 Flat Product Rolling Mill
Vratimovská 689/117, Kunčice
719 00 OSTRAVA, CZ

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/9190/WP/0809/21

File No.: 4319194/03

Production site: **Vratimovská 689/117, Kunčice, 719 00 OSTRAVA, CZ**

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

10/2024



Annex: scope of approval

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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

Zertifikat-Nr. / Certificate No.: 07/202/9190/WZ/0809/21

Zertifikat-Nr. / Certificate No.: 07/203/9190/WP/0809/21

Firma / Company: Liberty Ostrava a.s., Plant 16 Flat Product Rolling Mill

Datum / Date: 22.09.2021

Ort / Location: Vratimovská 689/117, Kunčice, 719 00 Ostrava, CZ

AZ / File No.: 4319194/03

SAP-No.: 9190/WP/0809/21

Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions				Prüfgrundlagen Test specifications	Bemerkungen Remarks
					Dicke Thickness [mm]		Breite width [mm]			
1	S235JR, S235J2, S275JR, S275J2, S355J2	EN 10025-2	N	plate, sheet, strip	1,5	13	20	1575	PED / AD2000 W1	Certified acc. to PED annex I, sec. 4.3 by the notified body of TÜV NORD GmbH (Reg. no. 0045). 1) AD2000-Merkblatt W1, section 3.3. If it's not explicit required in the order, tensile tests by higher temperatures are not necessary (based on Report date 27.09.2011). 2) Input for SAWH Tubes N = Normalizing rolled for Item No. 1 to 5
2	P235GH, P265GH P355GH, 16Mo3	EN 10028-2 EN 10028-2	N N	plate, sheet, strip	4 4	11 11	560 560	1570 1570	PED / AD2000 W1 1)	
3	P235TR2, P265TR2	EN 10217-1	N	strip 2)	4,5	10	560	1570		
4	P235GH, P265GH	EN 10217-5	N	strip 2)	4,5	10	560	1570		
5	L245N, L290N, L360N L360M, L415M, L450M, L485M	EN ISO 3183	N M	strip 2)	4,5 4,5	12,4 12,4	560 560	1570 1570		

* +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)