

CERTIFICATE

Specific Assessment for Materials as per
Pressure Equipment (Safety) Regulations 2016 No. 1105 Amended
Schedule 2, Part 4, Clause 31 (8).

This is to certify that

Liberty Ostrava a.s.
Plant 15 Tube Plant
Vratimovská 689/117, Kunčice
719 00 OSTRAVA,
Czech Republic

Has successfully undergone a specific assessment for materials manufacture under the requirement of the Pressure Equipment (Safety) Regulations 2016 No. 1105 Amended. The Material Manufacturer has implemented, operates and maintains a Quality Assurance System in accordance with Schedule 2, Part 4, Clause 31 (8).

Liberty Ostrava a.s. Plant 15 are authorised to issue certificates of specific product control, within the scope of assessment as shown in **Annex A**.

This certificate, which remains the property of TÜV UK Ltd, was issued in accordance with the TÜV UK Ltd auditing and certification procedures, and its validity is subject to regular surveillance audits under the requirement of the Pressure Equipment (Safety) Regulations 2016 No. 1105 Amended providing certificates are not withdrawn or expired.

Certificate No. **0879/PESR/31(8)/23034/CZ rev1** Valid until: **31st October 2024**

Initial certification: 24th March 2023

Signed for and on behalf of TÜV UK Ltd, London, **7th June 2023**

P Ward
Managing Director



S Worrall
Peer Reviewer

Certificate No. 0879/PESR/31(8)/23034/CZ rev1

Annex A - Page 1 of 2

Scope of Approval: Seamless and helically submerged arc-welded (SAWH) steel tubes. Non-alloy and alloy steel, and alloy fine grained steel.		TÜV UK Ltd TÜV NORD GROUP AMP House Suites 27-29, Fifth Floor Dingwall Road, Croydon, CR0 2LX	
Manufacturer	Name	Liberty Ostrava a.s.	
	Address	Plant 15 Tube Plant Vratimovská 689/117, Kunčice 719 00 OSTRAVA, Czech Republic	
		The Certification Body - Bureau Veritas Certification CZ s.r.o Olbrachtova 1 14002 Praha 4 Czech Republic Cert No. CZ011314/LO	
Materials (Steels)	Non-alloy and alloy steel, and alloy fine grained steel.		
Material Specification	Grades		Delivery Condition
EN 10216-1	P195TR2 to P265TR2		Seamless, Normalised ⁽¹⁾
EN 10216-2	P195GH to P265GH		Seamless, Normalised ⁽¹⁾
EN 10216-2	16Mo3		Seamless, Normalised ⁽¹⁾
EN 10216-2	10CrMo5-5 ⁽¹⁾ , 10CrMo9-10 ⁽¹⁾ , 13CrMo4-5 ⁽²⁾		Seamless, Normalised & Tempered
EN 10216-2	X11CrMo9-1+NT ⁽³⁾ , X11CrMo5+NT1 ⁽¹⁾ ,+NT2 ⁽¹⁾		Seamless, Normalised & Tempered
EN 10216-3	P275NL1, P275NL2, P355N, P355NH, P355NL1, P355NL2		Seamless, Normalised ⁽¹⁾
EN 10216-4	P215NL, P265NL		Seamless, Normalised ⁽¹⁾
EN 10217-1	P195TR2 to P265TR2		SAWH, Normalised (for raw coil) ⁽⁴⁾
EN 10217-5	P235GH, P265GH		SAWH, Normalised (for raw coil) ⁽⁴⁾
EN 10217-3	P355N, P355NH		SAWH, Normalised (for raw coil) ⁽⁴⁾
EN ISO 3183	L245N, L290N, L320N, L360N PSL2 L245NE, L290NE, L360NE		Seamless, Normalised ⁽¹⁾
DIN 1630	St37.4		Seamless, Normalised ⁽¹⁾
ASME SA 53	Grade A, Grade B		Seamless, Normalised ⁽¹⁾

Remarks	(1) 2.3mm to 25mm thick; 21.3mm to 273mm diameter. (2) 6.3mm to 25mm thick; 139.7mm to 273mm diameter. (3) 4.5mm to 25mm thick; 60.3mm to 273mm diameter. (4) 5mm to 16mm thick; 324mm to 1016mm diameter.
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This Annex is only valid with an in-date quality management certificate.

Certificate No. 0879/PESR/31(8)/23034/CZ rev1

Annex A - Page 2 of 2

Materials (Steels)	Non-alloy and alloy steel, and alloy fine grained steel.	
Material Specification	Grades	Delivery Condition
DIN 17175	St35.8 I, St45.8 I	Seamless, Normalised ⁽¹⁾
ASME SA 106	Grade A, Grade B	Seamless, Normalised ⁽¹⁾
ASTM A 333	Grade 6	Seamless, Normalised ⁽¹⁾
BS 3059-2	360	Seamless, Normalised ⁽¹⁾
NF 49-211	TUE 250	Seamless, Normalised ⁽¹⁾
ASME SA 335	P11 ⁽¹⁾ , P22 ⁽¹⁾ , P12 ⁽²⁾ , P9 ⁽³⁾ , P5 ⁽¹⁾	Seamless, Normalised & Tempered
EN ISO 3183	L210, L245, L290 PSL1 L245N, L290N PSL2 L245NE, L290NE PSL2	SAWH, Normalised (for raw coil) ⁽⁴⁾
DIN 1628	St 37.4	SAWH, Normalised (for raw coil) ⁽⁴⁾
API SPEC. 5L	L245N/BN, L290N/X42N PSL2 L320N/X46N, L360N/X52N PSL2	Seamless, Normalised ⁽¹⁾
API SPEC. 5L	L210/A, L245N/B, L290N/X42 PSL1 L245/BN, L290/X42N PSL2	SAWH, Normalised (for raw coil) ⁽⁴⁾

Remarks	(1) 2.3mm to 25mm thick; 21.3mm to 273mm diameter. (2) 6.3mm to 25mm thick; 139.7mm to 273mm diameter. (3) 4.5mm to 25mm thick; 60.3mm to 273mm diameter. (4) 5mm to 16mm thick; 324mm to 1016mm diameter.
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Signed:-



S Worrall
Peer Reviewer

Date: 7th June 2023