

# 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

**TŘINECKÉ ŽELEZÁRNY, a. s.**  
**Průmyslová 1000, Staré Město**  
**739 61 Třinec**  
**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).

**TŘINECKÉ ŽELEZÁRNY, a. s. Průmyslová** 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the requirement of the Pressure Equipment (Safety) Regulations 2016 No. 1105 Amended providing certificates are not withdrawn or expired.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)/23036/CZ**

Valid until:

**31<sup>st</sup> August 2025**

Initial certification:

16<sup>th</sup> June 2023

Signed for and on behalf of TÜV UK Ltd,

London, **16th June 2023**



P Ward  
Managing Director

S Worrall  
Peer Reviewer

## Certificate No. 0879/PESR/31(8)/23036/CZ

### Annex A - Page 1 of 3

<b>Scope of Approval:</b> Manufacture of Long products from unalloyed, low alloy ferritic steel and austenitic steel		<b>TÜV UK Ltd</b> <b>TÜV NORD GROUP</b> AMP House Suites 27-29, Fifth Floor Dingwall Road, Croydon, CR0 2LX	
<b>Manufacturer</b>	Name	TŘINECKÉ ŽELEZÁRNY, a. s.	
	Address	Průmyslová 1000, Staré Město 739 61 Třinec Czech Republic	
		The Certification Body -  TÜV Nord Cert GmBH Langemarckstrasse 20 45141 Essen Germany  Cert No. 44 100 080959	
<b>Materials ( Steels )</b>	Unalloyed, low alloy ferritic steel and austenitic steel		
<b>Material Specification</b>	<b>Grades</b>		<b>Delivery Condition</b>
EN 10025-2	S235J2, S235JR, S275J2, S275JR, S355J2		Untreated <sup>(1)(2)</sup>
EN 10216-1	P235, P265, P195TR2, P235TR2, P265TR2		Untreated <sup>(1)(2)</sup>
EN 10216-2	P235GH, P265GH, 16Mo3, P195GH, 13CrMo4-5		Untreated <sup>(1)(2)</sup>
(DIN 17243)	(C22.8)		Untreated <sup>(1)(2)</sup>
EN 10216-3	P355NL1, P355NL2, P355NH, P355N, P275NL1, P275NL2		Untreated <sup>(1)(2)</sup>
EN 10028-3	P275NL		Untreated <sup>(1)(2)</sup>
ČSN 415128	15 128		Untreated <sup>(1)(2)</sup>
DIN EN 10273	11CrMo9-10		Untreated <sup>(1)(3)</sup>
EN 10216-2	10CrMo9-10, 16Mo3, 13CrMo4-5, X10CrMoVNb9-1, 11CrMo9-10, 14MoV6-3, 15NiCuMoNb5-6-4		Untreated <sup>(1)(3)</sup>
(DIN 17175)	(DIN 1630)		Untreated <sup>(1)(3)</sup>
ČSN 415128	15 128		Untreated <sup>(1)(3)</sup>

<b>Remarks</b>	<p>(1) All untreated products (as casted) are only initial material for next hot forming.</p> <p>(2) Semi finished products, (round semi finish products, square and rectangular cross-sections) 150mm x150mm to 300mm x 350mm thickness, 320mm to 600mm &amp; Round bars up to 90mm diameter.</p> <p>(3) Ingots and semi finished products, (round semi finish products, rectangular cross-sections) 150mm x150mm to 330mm x 460mm thickness, 320mm to 600mm &amp; Round bars up to 90mm diameter.</p>
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This Annex is only valid with an in-date quality management certificate.

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Materials ( Steels )	Unalloyed, low alloy ferritic steel and austenitic steel	
Material Specification	Grades	Delivery Condition
DIN EN 10222-4	P355QH1	Untreated <sup>(1)(4)</sup>
DIN EN 10222-2	P250GH	Untreated <sup>(1)(5)</sup>
EN 10088-3	X5CrNi18-10, X4CrNi18-12, X2CrNi18-11, X5CrNiMo17-12-2, X2CrNiMo17-12-2, X2CrNiMo18-14-3, X6CrNiTi18-10, X6CrNiMoTi17-12-2, X2CrNi19-11	Untreated <sup>(1)(6)</sup>
EN 10083-3 with TP 202-140 EN ISO 683-2	34CrMo4	Untreated <sup>(1)(7)</sup>
	46Mn5	Untreated <sup>(1)(7)</sup>
EN 10083-2 EN ISO 683-1	C35E	Untreated <sup>(1)(8)</sup>
EN 10083-3 EN ISO 683-2	41Cr4, 42CrMo4	Untreated <sup>(1)(9)</sup>
EN 10083-2 EN ISO 683-1	C35E; C45E	Untreated <sup>(1)(9)</sup>
EN 10269	25CrMo4	Soft Annealed <sup>(9)</sup>
EN 10083-3 EN ISO 683-2	30MnB5	Untreated <sup>(1)(10)</sup>
EN 10263-4	30MoB1, (30MoB1E), 30MnB4	Untreated <sup>(1)(11)</sup>
EN 10263-4	23MnB4	Untreated <sup>(1)(11)</sup>
DIN 1654/4-89, EN 10269 (EN 10263-4)	35B2	Untreated <sup>(1)(13)</sup>
DIN 1654/4-89, (EN 10263-4)	19MnB4	Untreated <sup>(1)(13)</sup>
EN 10025-2	S355J2	Untreated <sup>(1)(9)</sup>

Remarks
<p>(1) All untreated products (as casted) are only initial material for next hot forming.</p> <p>(4) Semi finished products, (round semi finish products, square cross-section) 280mm thickness, 320mm to 600mm &amp; Round bars up to 90mm diameter.</p> <p>(5) Semi finished products (square, cross-sections) 150mm x150mm thickness &amp; Round bars up to 90mm diameter.</p> <p>(6) Ingots and semi finished products, (rectangular cross-sections) 330mm x 460mm thickness, Round bars up to 90mm diameter &amp; Wire 5.5mm to 20mm diameter.</p> <p>(7) Semi finished products, (round semi finish products) 410mm diameter &amp; Round bars up to 90mm diameter.</p> <p>(8) Semi finished products (rectangular cross-sections) 200mm x 200mm.</p> <p>(9) Wire, round bars 5.5mm to 90mm diameter.</p> <p>(10) Wire, round bars 5.5mm to 26mm diameter.</p> <p>(11) Semi finished products, (square cross-sections), 150mm x 150mm.</p> <p>(12) Round bars 12mm to 26mm diameter</p> <p>(13) Wire 5.5mm to 20mm diameter.</p>

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Materials ( Steels )	Unalloyed, low alloy ferritic steel and austenitic steel	
Material Specification	Grades	Delivery Condition
EN ISO 14341 internal delivery terms	G3Si1, G4Si1	Untreated <sup>(1)(14)</sup>
DIN 17102	TStE285, TStE355	Untreated <sup>(1)(5)</sup>
ASTM A 335	P1, P11, P91	Untreated <sup>(1)(15)</sup>
ASME SA 106	Grades A, B, C	Untreated <sup>(1)(15)</sup>
ASTM A350 (M) ASME SA 350	Grade LF2	Untreated <sup>(1)(16)</sup>

Remarks
<p>(1) All untreated products (as casted) are only initial material for next hot forming.</p> <p>(5) Semi finished products (square, cross-sections) 150mm x150mm thickness &amp; Round bars up to 90mm diameter.</p> <p>(14) wire for welding consumable 5.5mm to 26mm diameter.</p> <p>(15) Ingots and semi finished products, (round semi finish products, square cross-sections and rectangular cross sections) 150mm x 150mm to 300mm x 350mm, 330mm x 460mm, 320mm to 600mm diameter.</p> <p>(16) Semi finished products (round semi</p> <p>(17) finish products, square cross sections, and rectangular cross sections) 150mm x 150mm to 300mm x 350mm, 330mm x 460mm, 320mm to 600mm diameter &amp; Round bars up to 90mm.</p>

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Signed:-



S Worrall  
Peer Reviewer

Date: 16<sup>th</sup> June 2023