

CERTIFICATE

of conformity of the Factory Production Control

BS EN 10210-1:2006

Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020, the following has been stated:

Product	Hot finished structural hollow sections of non-alloy and fine grain steels		
Placed on the market by <i>(producer or its authorised representative)</i>	TŘINECKÉ ŽELEZÁRNY, a. s. provoz VT - Válcovna trub Průmyslová 1000, Staré Město 739 61, Třinec CZ		
Produced in the manufacturing Plants	provoz VT - Válcovna trub Výstavní 1132/95, Vítkovice 706 02, Ostrava CZ		
Initial Inspection	05/01/2007	Place / effective date	Croydon / 12/12/2022
Period of validity	This certificate will remain valid as long as the test methods and/or factory production control requirements included in the designated standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly and the intervals for the routine surveillance intervals as laid down in the product standard are maintained.		
Certificate No.:	0879-CPR-10210-1-CZ00002		



0065

Signed for and on behalf of TÜV UK Ltd, the Certification Body

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex of the Standard(s). Under system 2+ are applied and that the factory production control fulfils all the prescribed requirements set out above. This certificate, which remains the property of TÜV UK Ltd, was issued in accordance with the TÜV UK Ltd auditing and inspection procedures as amended from time to time, and its validity is subject to regular surveillance audits.

TÜV UK Ltd, AMP House, Suites 27-29, Fifth Floor, Dingwall Road Croydon CR0 2LX, UK www.tuv-uk.com



Declaration of Performance - 22/2023/01/GB		
according to Statutory Instrument No. 465 The Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and its amendments in Statutory Instrument No. 1359/2020		
Unique identification code of the product type:	Hot finished structural hollow sections of non-alloy and fine grain steels – Seamless steel hollow sections S235JRH – EN 10210-1:2006	
Intended use:	Hollow section for steel construction	
Manufacturer:	TŘINECKÉ ŽELEZÁRNY, a.s. Průmyslová 1000, Staré Město 739 61 Třinec, Czech Republic	
System of AVCP:	System 2+	
Harmonised standard:	BS EN 10210-1:2006 TÜV UK Ltd.	
Notified body:	Nr. NB 0879 Certificate Nr. 0879-CPR-10210-1-CZ00002	
Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	Tolerances acc. to BS EN 10210-2:2019 Table 2	BS EN 10210-1:2006
mechanical properties tensile strength Rm (MPa)	360 – 510	BS EN 10210-1:2006, Annex A Table A3
yield point ReH (MPa)	≤ 16 min 235 > 16 ≤ 40 min 225 > 40 ≤ 63 min 215	
elongation at fracture A (%)	≤ 40 min 26 > 40 ≤ 63 min 25	
notched bar impact work KV (J)	Temp. 20°C min 27	
Weldability (CEV)	≤ 16 0,37 > 16 ≤ 40 0,39 > 40 ≤ 65 0,41	BS EN 10210-1:2006, Annex A Table A2



The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance Statutory Instrument No. 465 The Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and its amendments in Statutory Instrument No. 1359/2020, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



TŘINECKÉ ŽELEZÁRNY, a.s.

Průmyslová 1000, Staré Město
739 61 Třinec

16

Ing. Robert Zvoníček

Head of Quality Assurance

Třinec, 10.01.2023

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Declaration of Performance - 23/2023/01/GB		
according to Statutory Instrument No. 465 The Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and its amendments in Statutory Instrument No. 1359/2020		
Unique identification code of the product type:	Hot finished structural hollow sections of non-alloy and fine grain steels – Seamless steel hollow sections S275J0H (JRH) – EN 10210-1:2006	
Intended use:	Hollow section for steel construction	
Manufacturer:	TŘINECKÉ ŽELEZÁRNY, a.s. Průmyslová 1000, Staré Město 739 61 Třinec, Czech Republic	
System of AVCP:	System 2+	
Harmonised standard:	BS EN 10210-1:2006 TÜV UK Ltd.	
Notified body:	Nr. NB 0879 Certificate Nr. 0879-CPR-10210-1-CZ00002	
Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	Tolerances acc. to BS EN 10210-2:2019 Table 2	BS EN 10210-1:2006
mechanical properties tensile strength Rm (MPa)	410 – 560	BS EN 10210-1:2006, Annex A Table A3
yield point ReH (MPa)	≤ 16 min 275 > 16 ≤ 40 min 265 > 40 ≤ 63 min 255	
longation at fracture A (%)	≤ 40 min 23 > 40 ≤ 63 min 22	
notched bar impact work KV (J)	Temp. S275J0H 0°C min 27 S275J2H -20°C min 27	
Weldability (CEV)	≤ 16 0,41 > 16 ≤ 40 0,43 > 40 ≤ 65 0,45	BS EN 10210-1:2006, Annex A Table A2



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Signed for and on behalf of the manufacturer by:



TŘINECKÉ ŽELEZÁRNY, a.s.
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739 61 Třinec 18

Ing. Robert Zvoníček
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Třinec, 10.01.2023

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Declaration of Performance - 24/2023/01/GB		
according to Statutory Instrument No. 465 The Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and its amendments in Statutory Instrument No. 1359/2020		
Unique identification code of the product type:	Hot finished structural hollow sections of non-alloy and fine grain steels – Seamless steel hollow sections S355J0H (J2H, K2H) – BS EN 10210-1:2006	
Intended use:	Hollow section for steel construction	
Manufacturer:	TŘINECKÉ ŽELEZÁRNY, a.s. Průmyslová 1000, Staré Město 739 61 Třinec, Czech Republic	
System of AVCP:	System 2+	
Harmonised standard:	BS EN 10210-1:2006 TÜV UK Ltd.	
Notified body:	Nr. NB 0879 Certificate Nr. 0879-CPR-10210-1-CZ00002	
Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	Tolerances acc. to BS EN 10210-2:2019 Table 2	BS EN 10210-1:2006
mechanical properties	470 – 630 ≤ 16 min 355 > 16 ≤ 40 min 345 > 40 ≤ 63 min 335 ≤ 40 min 22 > 40 ≤ 63 min 21 Temp. S355J0H 0°C min 27 S355J2H -20°C min 27 S355K2H -20°C min 40	BS EN 10210-1:2006, Annex A Table A3
tensile strength Rm (MPa)		
yield point ReH (MPa)		
longation at fracture A (%)		
notched bar impact work KV (J)		
Weldability (CEV)	≤ 16 0,45 > 16 ≤ 40 0,47 > 40 ≤ 65 0,50	BS EN 10210-1:2006, Annex A Table A2



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Signed for and on behalf of the manufacturer by:



TŘINECKÉ ŽELEZÁRNY, a.s.
Průmyslová 1000, Staré Město
739 61 Třinec 16

Ing. Robert Zvoníček
Head of Quality Assurance

Třinec, 10.01.2023

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Declaration of Performance - 25/2023/01/GB		
according to Statutory Instrument No. 465 The Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and its amendments in Statutory Instrument No. 1359/2020		
Unique identification code of the product type:	Hot finished structural hollow sections of non-alloy and fine grain steels – Seamless steel hollow sections S275NH (NLH) – EN 10210-1:2006	
Intended use:	Hollow section for steel construction	
Manufacturer:	TŘINECKÉ ŽELEZÁRNY, a.s. Průmyslová 1000, Staré Město 739 61 Třinec, Czech Republic	
System of AVCP:	System 2+	
Harmonised standard:	BS EN 10210-1:2006 TÜV UK Ltd.	
Notified body:	Nr. NB 0879 Certificate Nr. 0879-CPR-10210-1-CZ00002	
Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	Tolerances acc. to BS EN 10210-2:2019 Table 2	BS EN 10210-1:2006
mechanical properties tensile strength Rm (MPa)	370 – 510	BS EN 10210-1:2006, Annex B Table B3
yield point ReH (MPa)	≤ 16 min 275 > 16 ≤ 40 min 265 > 40 ≤ 65 min 255	
elongation at fracture A (%)	longitudinally min 24 transversally min 22	
notched bar impact work KV (J)	Temp. S275NH -20°C min 40 S275NLH -50°C min 27	
Weldability (CEV)	≤ 16 0,40 > 16 ≤ 65 0,40	BS EN 10210-1:2006, Annex B Table B2



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Declaration of Performance - 26/2023/01/GB		
according to Statutory Instrument No. 465 The Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and its amendments in Statutory Instrument No. 1359/2020		
Unique identification code of the product type:	Hot finished structural hollow sections of non-alloy and fine grain steels – Seamless steel hollow sections S355NH (NLH) – EN 10210-1:2006	
Intended use:	Hollow section for steel construction	
Manufacturer:	TŘINECKÉ ŽELEZÁRNY, a.s. Průmyslová 1000, Staré Město 739 61 Třinec, Czech Republic	
System of AVCP:	System 2+	
Harmonised standard:	BS EN 10210-1:2006 TÜV UK Ltd.	
Notified body:	Nr. NB 0879 Certificate Nr. 0879-CPR-10210-1-CZ00002	
Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	Tolerances acc. to BS EN 10210-2:2019 Table 2	BS EN 10210-1:2006
mechanical properties tensile strength Rm (MPa)	470 – 630	BS EN 10210-1:2006, Annex B Table B3
yield point ReH (MPa)	≤ 16 min 355 > 16 ≤ 40 min 345 > 40 ≤ 65 min 335	
longation at fracture A (%)	longitudinally min 22 transversally min 20	
notched bar impact work KV (J)	Temp. S355NH -20°C min 40 S355NLH -50°C min 27	
Weldability (CEV)	≤ 16 0,43 > 16 ≤ 65 0,45	BS EN 10210-1:2006, Annex B Table B2



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Declaration of Performance - 27/2023/01/GB		
according to Statutory Instrument No. 465 The Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and its amendments in Statutory Instrument No. 1359/2020		
Unique identification code of the product type:	Hot finished structural hollow sections of non-alloy and fine grain steels – Seamless steel hollow sections S420NH (NLH) – EN 10210-1:2006	
Intended use:	Hollow section for steel construction	
Manufacturer:	TŘINECKÉ ŽELEZÁRNY, a.s. Průmyslová 1000, Staré Město 739 61 Třinec, Czech Republic	
System of AVCP:	System 2+	
Harmonised standard:	BS EN 10210-1:2006 TÜV UK Ltd.	
Notified body:	Nr. NB 0879 Certificate Nr. 0879-CPR-10210-1-CZ00002	
Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	Tolerances acc. to BS EN 10210-2:2019 Table 2	BS EN 10210-1:2006
mechanical properties tensile strength Rm (MPa)	520 – 680	BS EN 10210-1:2006, Annex B Table B3
yield point ReH (MPa)	≤ 16 min 420 > 16 ≤ 40 min 400 > 40 ≤ 65 min 390	
elongation at fracture A (%)	longitudinally min 19 transversally min 17	
notched bar impact work KV (J)	Temp. S420NH -20°C min 40 S420NLH -50°C min 27	
Weldability (CEV)	≤ 16 0,50 > 16 ≤ 65 0,52	BS EN 10210-1:2006, Annex B Table B2



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Declaration of Performance - 28/2023/01/GB		
according to Statutory Instrument No. 465 The Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and its amendments in Statutory Instrument No. 1359/2020		
Unique identification code of the product type:	Hot finished structural hollow sections of non-alloy and fine grain steels – Seamless steel hollow sections S460NH (NLH) – EN 10210-1:2006	
Intended use:	Hollow section for steel construction	
Manufacturer:	TŘINECKÉ ŽELEZÁRNY, a.s. Průmyslová 1000, Staré Město 739 61 Třinec, Czech Republic	
System of AVCP:	System 2+	
Harmonised standard:	BS EN 10210-1:2006 TÜV UK Ltd.	
Notified body:	Nr. NB 0879 Certificate Nr. 0879-CPR-10210-1-CZ00002	
Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	Tolerances acc. to BS EN 10210-2:2019 Table 2	BS EN 10210-1:2006
mechanical properties tensile strength Rm (MPa)	540 – 720	BS EN 10210-1:2006, Annex B Table B3
yield point ReH (MPa)	≤ 16 min 460 > 16 ≤ 40 min 440 > 40 ≤ 65 min 430	
elongation at fracture A (%)	longitudinally min 17 transversally min 15	
notched bar impact work KV (J)	Temp. S460NH -20°C min 40 S460NLH -50°C min 27	
Weldability (CEV)	≤ 16 0,53 > 16 ≤ 65 0,55	BS EN 10210-1:2006, Annex B Table B2



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