

Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU),
 Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-001-CPR2025-12-22

 1) Code of the product type: **1.0039**

Type: Hot finished structural hollow sections (seamless tubes) **S235JRH according to BS EN/EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable designated / harmonized technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
 Vratimovská 689/117, Kunčice
 719 00 Ostrava, Czech Republic
 Tel: +420 595 682 501, Fax: +420 596 237 980
<https://novahut.cz>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN10210-1:2006 / EN 10210-1:2006

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) - see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
 Q-Engineer – NH s.r.o.

Michal Kolar
 Q/A manager – NH s.r.o.




Date : 22.12.2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification						
Tolerances on dimensions and shape	Values				BS EN 10210-2:2019 / EN 10210-2:2019						
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$									
	Wall thickness	- 10% (loc. -12,5%) / +8% mass									
	Ovality	2%									
Yield strength	Straightness		0,2% of total length and 3mm/1m		BS EN 10210-1:2006 / EN 10210-1:2006						
	Mass		-6% / +8% for particular lengths								
	Nominal thickness (mm)		Values								
	>	\leq	ReH min (MPa)								
Tensile strength	16		235								
	40		225								
	Nominal thickness (mm)		Values								
	>	\leq	Rm min (MPa)	max (MPa)							
Elongation	100		360								
	40		26								
	Nominal thickness (mm)		Values								
	>	\leq	min (%)								
Impact strength	40		KV2Lmin (J)								
	40		27 at 20°C								
	Nominal thickness (mm)		Values								
	>	\leq									
Weldability	40		max (%)								
	16		C : 0,17								
	16		Mn : 1,40								
	40		N* : 0,009								
Chemical composition + CEV (cast analysis)	CEV: 0,37		CEV: 0,39								
	16										
	40										
*If P \geq 0,025%, N = max.0,012%. If Al/N \geq 2 and Al \geq 0,020%, N maximum value does not apply.											
By option to specify that the product is suitable for galvanizing											
Chemical composition + CEV (cast analysis)											



Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU),
Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-002- CPR2025-12-22

1) Code of the product type: **1.0149**

Type: Hot finished structural hollow sections (seamless tubes)
S275J0H according to BS EN/EN 10210-1:2006

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kunčice
719 00 Ostrava, Czech Republic
Tel: +420 595 682 501, Fax: +420 596 237 980
<https://novahut.cz>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 1010-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control..

7) The performance of the product identified in 1) - see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 22.12.2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification	
Tolerances on dimensions and shape	Values				BS EN 10210-2:2019 / EN 10210-2:2019	
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$				
	Wall thickness	- 10% (loc. -12,5%) / +8% mass				
	Ovality	2%				
Yield strength	Straightness		0,2% of total length and 3mm/1m		BS EN 10210-1:2006 / EN 10210-1:2006	
	Mass		-6% / +8% for particular lengths			
	Nominal thickness (mm)		Values			
	>	\leq	ReH min (MPa)			
Tensile strength		16	275		BS EN 10210-1:2006 / EN 10210-1:2006	
		40	265			
	Nominal thickness (mm)		Values			
	>	\leq	Rm min (MPa)	max (MPa)		
Elongation		3	430	580	BS EN 10210-1:2006 / EN 10210-1:2006	
		100	410	560		
	Nominal thickness (mm)		Values			
	>	\leq	min (%)			
Impact strength		40	23		BS EN 10210-1:2006 / EN 10210-1:2006	
	Nominal thickness (mm)		Values			
	>	\leq	KV2Lmin (J)			
		40	27 at 0°C			
Weldability	Nominal thickness (mm)		Values		BS EN 10210-1:2006 / EN 10210-1:2006	
	Chemical composition + CEV (cast analysis)		max (%)			
		40	C : 0,20	P : 0,035		
			Mn : 1,50	S : 0,035		
		16	N* : 0,009	CEV: 0,41		
Durability		16	CEV: 0,43		BS EN 10210-1:2006 / EN 10210-1:2006	
	By option to specify that the product is suitable for galvanizing					
	Chemical composition + CEV (cast analysis)					

*If P $\geq 0,025\%$, N = max.0,012%.

If Al/N ≥ 2 and Al $\geq 0,020\%$, N maximum value does not apply.

Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU),
 Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-003-CPR2025-12-22

1) Code of the product type: **1.0138**

Type: Hot finished structural hollow sections (seamless tubes) **S275J2H according to BS EN/EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
 Vratimovská 689/117, Kunčice
 719 00 Ostrava, Czech Republic
 Tel: +420 595 682 501, Fax: +420 596 237 980
<https://novahut.cz>

4) -----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 1010-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) – see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
 Q-Engineer – NH s.r.o.

Michal Kolar
 Q/A manager – NH s.r.o.




Date : 22.12.2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification	
Tolerances on dimensions and shape	Values				BS EN 10210-2:2019 / EN 10210-2:2019	
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$				
	Wall thickness	- 10% (loc. -12,5%) / +8% mass				
	Ovality	2%				
Yield strength	Straightness		0,2% of total length and 3mm/1m		BS EN 10210-1:2006 / EN 10210-1:2006	
	Mass		-6% / +8% for particular lengths			
	Nominal thickness (mm)		Values			
	>	\leq	ReH min (MPa)			
Tensile strength		16	275			
		40	265			
	Nominal thickness (mm)		Values			
	>	\leq	Rm min (MPa)	max (MPa)		
Elongation		3	430	580		
		100	410	560		
	Nominal thickness (mm)		Values			
	>	\leq	min (%)			
Impact strength		40	23			
	Nominal thickness (mm)		Values			
	>	\leq	KV2Lmin (J)			
		40	27 at -20°C			
Weldability	Nominal thickness (mm)		Values			
	Chemical composition + CEV (cast analysis)		max (%)			
		40	C : 0,20	P : 0,030		
		16	Mn : 1,50	S : 0,030		
	16	40	CEV: 0,41	CEV: 0,43		
Durability	By option to specify that the product is suitable for galvanizing					
Chemical composition + CEV (cast analysis)						



Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU),
Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-004-CPR2025-12-22

1) Code of the product type: **1.0493**

Type: Hot finished structural hollow sections (seamless tubes) **S275NH according to BS EN/EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kunčice
719 00 Ostrava, Czech Republic
Tel: +420 595 682 501, Fax: +420 596 237 980
<https://novahut.cz>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 1010-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) - see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 22.12. 2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification	
Tolerances on dimensions and shape	Values				BS EN 10210-2:2019 / EN 10210-2:2019	
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$				
	Wall thickness	- 10% (loc. -12,5%) / +8% mass				
	Ovality	2%				
Yield strength	Straightness		0,2% of total length and 3mm/1m		BS EN 10210-1:2006 / EN 10210-1:2006	
	Mass		-6% / +8% for particular lengths			
	Nominal thickness (mm)		Values			
	>	\leq	ReH min (MPa)			
Tensile strength	16		275			
	16		265			
	Nominal thickness (mm)		Values			
	>		Rm min (MPa)	max (MPa)		
Elongation	65		370	510		
	>		Values			
	\leq		min (%)			
	65		longit.	transv.		
Impact strength	24		22			
	Nominal thickness (mm)		Values			
	>		KV2Lmin (J)			
	40		40 at -20°C			
Weldability	Nominal thickness (mm)		Values			
	>		in (%)			
	65		max (%)			
	Chemical composition + CEV (cast analysis)		Al _{tot} : 0,020 Mn : 0,50 S : 0,030 V : 0,08 Cr : 0,30 Mo : 0,10 N : 0,015 CEV: 0,40			
Durability	By option to specify that the product is suitable for galvanizing					
	Chemical composition + CEV (cast analysis)					



Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU), Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-005-CPR2025-12-22

1) Code of the product type: **1.0497**

Type: Hot finished structural hollow sections (seamless tubes) **S275NLH according to BS EN/EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kunčice
719 00 Ostrava, Czech Republic
Tel: +420 595 682 501, Fax: +420 596 237 980
<https://novahut.cz>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 1010-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) - see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 22.12.2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification			
Tolerances on dimensions and shape	Values				BS EN 10210-2:2019 / EN 10210-2:2019			
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$						
	Wall thickness	- 10% (loc. -12,5%) / +8% mass						
	Ovality	2%						
Yield strength	Straightness		0,2% of total length and 3mm/1m		BS EN 10210-1:2006 / EN 10210-1:2006			
	Mass		-6% / +8% for particular lengths					
	Nominal thickness (mm)		Values					
	>	\leq	ReH min (MPa)					
Tensile strength	16		275					
	16		265					
	Nominal thickness (mm)		Values					
	>		Rm min (MPa)	max (MPa)				
Elongation	65		370		BS EN 10210-1:2006 / EN 10210-1:2006			
	65		510					
	Nominal thickness (mm)		Values					
	>		min (%)					
Impact strength	>		longit.		BS EN 10210-1:2006 / EN 10210-1:2006			
	65		transv.					
	65		24					
	65		22					
Nominal thickness (mm)		Values						
>		KV2Lmin (J)						
40		27 at -50°C						
Nominal thickness (mm)		Values						
>		in (%)		max (%)				
65		Al _{tot} : 0,020 Mn : 0,50		C : 0,20 Mn : 1,40 S : 0,025 V : 0,08 Cr : 0,30 Mo : 0,10 N : 0,015 CEV: 0,40				
Chemical composition + CEV (cast analysis)				Si : 0,40 P : 0,030 Nb : 0,050 Ti : 0,03 Ni : 0,30 Cu : 0,35				
Durability		By option to specify that the product is suitable for galvanizing						
Chemical composition + CEV (cast analysis)								


Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU),
Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-006-CPR2025-12-22

1) Code of the product type: **1.0547**

Type: Hot finished structural hollow sections (seamless tubes) **S355J0H according to BS EN/N 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kunčice
719 00 Ostrava, Czech Republic
Tel: +420 595 682 501, Fax: +420 596 237 980
<https://novahut.cz>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 1010-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) - see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 22.12.2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification	
Tolerances on dimensions and shape	Values				BS EN 10210-2:2019 / EN 10210-2:2019	
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$				
	Wall thickness	- 10% (loc. -12,5%) / +8% mass				
	Ovality	2%				
Yield strength	Straightness		0,2% of total length and 3mm/1m		BS EN 10210-1:2006 / EN 10210-1:2006	
	Mass		-6% / +8% for particular lengths			
	Nominal thickness (mm)		Values			
	>	\leq	ReH min (MPa)			
Tensile strength		16	355		BS EN 10210-1:2006 / EN 10210-1:2006	
		40	345			
	Nominal thickness (mm)		Values			
	>	\leq	Rm min (MPa)	max (MPa)		
Elongation		3	510	680	BS EN 10210-1:2006 / EN 10210-1:2006	
		100	470	630		
	Nominal thickness (mm)		Values			
	>	\leq	min (%)			
Impact strength		40	22		BS EN 10210-1:2006 / EN 10210-1:2006	
	Nominal thickness (mm)		Values			
	>	\leq	KV2Lmin (J)			
		40	27 at 0°C			
Weldability	Nominal thickness (mm)		Values		BS EN 10210-1:2006 / EN 10210-1:2006	
	Chemical composition + CEV (cast analysis)		max (%)			
		40	C : 0,22	P : 0,035		
			Mn : 1,60	S : 0,035		
		16	Si : 0,55	N* : 0,009		
Durability		16	CEV: 0,45		BS EN 10210-1:2006 / EN 10210-1:2006	
		40	CEV: 0,47			
	By option to specify that the product is suitable for galvanizing					
	Chemical composition + CEV (cast analysis)					

*If P $\geq 0,025\%$, N = max.0,012%.

If Al/N ≥ 2 and Al $\geq 0,020\%$, N maximum value does not apply.

Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU),
 Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-007-CPR2025-12-22

1) Code of the product type: **1.0576**

Type: Hot finished structural hollow sections (seamless tubes) **S355J2H according to BS EN/EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

NOVÁ HUŤ s.r.o.

Vratimovská 689/117, Kunčice
 719 00 Ostrava, Czech Republic

Tel: +420 595 682 501, Fax: +420 596 237 980

<https://novahut.cz>

4) -----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 1010-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) - see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
 Q-Engineer – NH s.r.o.

Michal Kolar
 Q/A manager – NH s.r.o.




Date : 22.12. 2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification	
Tolerances on dimensions and shape	Values				BS EN 10210-2:2019 / EN 10210-2:2019	
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$				
	Wall thickness	- 10% (loc. -12,5%) / +8% mass				
	Ovality	2%				
Yield strength	Straightness		0,2% of total length and 3mm/1m		BS EN 10210-1:2006 / EN 10210-1:2006	
	Mass		-6% / +8% for particular lengths			
	Nominal thickness (mm)		Values			
	>	\leq	ReH min (MPa)			
Tensile strength		16	355		BS EN 10210-1:2006 / EN 10210-1:2006	
		40	345			
	Nominal thickness (mm)		Values			
	>	\leq	Rm min (MPa)	max (MPa)		
Elongation		3	510	680	BS EN 10210-1:2006 / EN 10210-1:2006	
		100	470	630		
	Nominal thickness (mm)		Values			
	>	\leq	min (%)			
Impact strength		40	22		BS EN 10210-1:2006 / EN 10210-1:2006	
	Nominal thickness (mm)		Values			
	>	\leq	KV2Lmin (J)			
		40	27 at -20°C			
Weldability	Nominal thickness (mm)		Values			
	Chemical composition + CEV (cast analysis)		max (%)			
		40	C : 0,22	P : 0,030		
			Mn : 1,60	S : 0,030		
		16	Si : 0,55	CEV: 0,45		
Durability		16	CEV: 0,47			
	By option to specify that the product is suitable for galvanizing					
Chemical composition + CEV (cast analysis)						



Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU), Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-008-CPR2025-12-22

1) Code of the product type: **1.0539**

Type: Hot finished structural hollow sections (seamless tubes) **S355NH** according to BS EN/EN 10210-1:2006

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kunčice
719 00 Ostrava, Czech Republic
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<https://novahut.cz>

4) ---

5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 10210-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) - see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 22.12.2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification	
Tolerances on dimensions and shape	Values				BS EN 10210-2:2019 / EN 10210-2:2019	
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$				
	Wall thickness	- 10% (loc. -12,5%) / +8% mass				
	Ovality	2%				
Yield strength	Straightness		0,2% of total length and 3mm/1m		BS EN 10210-1:2006 / EN 10210-1:2006	
	Mass		-6% / +8% for particular lengths			
	Nominal thickness (mm)		Values			
	>	\leq	ReH min (MPa)			
Tensile strength	16		355			
	16		345			
	Nominal thickness (mm)		Values			
	>		Rm min (MPa)	max (MPa)		
Elongation	65		470		BS EN 10210-1:2006 / EN 10210-1:2006	
	65		630			
	Nominal thickness (mm)		Values			
	>		min (%)			
Impact strength	>		longit.		BS EN 10210-1:2006 / EN 10210-1:2006	
	65		22			
	>		20			
	Nominal thickness (mm)		Values			
Weldability	>		KV2Lmin (J)		BS EN 10210-1:2006 / EN 10210-1:2006	
	40		40 at -20°C			
	Nominal thickness (mm)		Values			
	>		in (%)			
Chemical composition + CEV (cast analysis)	65		max (%)		BS EN 10210-1:2006 / EN 10210-1:2006	
	65		Al _{tot} : 0,020 Mn : 0,90			
	16		C : 0,20 Mn : 1,65 S : 0,030 V : 0,12 Cr : 0,30 Mo : 0,10 N : 0,020			
	16		Si : 0,50 P : 0,035 Nb : 0,050 Ti : 0,03 Ni : 0,50 Cu : 0,35			
Durability	By option to specify that the product is suitable for galvanizing					
	Chemical composition + CEV (cast analysis)					



Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU),
Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-009-CPR2025-12-22

1) Code of the product type: **1.0549**

Type: Hot finished structural hollow sections (seamless tubes) **S355NLH according to BS EN/EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kunice
719 00 Ostrava, Czech Republic
Tel: +420 595 682 501, Fax: +420 596 237 980
<https://novahut.cz>

4) ---

5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 10210-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) - see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 22.12. 2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification	
Tolerances on dimensions and shape	Values				BS EN 10210-2:2019 / EN 10210-2:2019	
	Outside diameter	$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$				
	Wall thickness	- 10% (loc. -12,5%) / +8% mass				
	Ovality	2%				
Yield strength	Straightness		0,2% of total length and 3mm/1m		BS EN 10210-1:2006 / EN 10210-1:2006	
	Mass		-6% / +8% for particular lengths			
	Nominal thickness (mm)		Values			
	>	\leq	ReH min (MPa)			
Tensile strength	16		355			
	16		345			
	Nominal thickness (mm)		Values			
	>		Rm min (MPa)	max (MPa)		
Elongation	65		470		BS EN 10210-1:2006 / EN 10210-1:2006	
	65		630			
	Nominal thickness (mm)		Values			
	>		min (%)			
Impact strength	>		longit.		BS EN 10210-1:2006 / EN 10210-1:2006	
	65		22			
	>		20			
	Nominal thickness (mm)		Values			
Weldability	>		KV2Lmin (J)		BS EN 10210-1:2006 / EN 10210-1:2006	
	40		27 at -50°C			
	Nominal thickness (mm)		Values			
	>		in (%)			
Chemical composition + CEV (cast analysis)	65		max (%)		BS EN 10210-1:2006 / EN 10210-1:2006	
	65		Al _{tot} : 0,020 Mn : 0,90			
	16		C : 0,18 Mn : 1,65 S : 0,025 V : 0,12 Cr : 0,30 Mo : 0,10 N : 0,020			
	16		Si : 0,50 P : 0,030 Nb : 0,050 Ti : 0,03 Ni : 0,50 Cu : 0,35			
Durability	By option to specify that the product is suitable for galvanizing					
	Chemical composition + CEV (cast analysis)					



Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU),
Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-010-CPR2025-12-22

1) Code of the product type: **1.0512**

Type: Hot finished structural hollow sections (seamless tubes) **S355K2H according to BS EN/EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kunčice
719 00 Ostrava, Czech Republic
Tel: +420 595 682 501, Fax: +420 596 237 980
<https://novahut.cz>

4) ---

5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 10210-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) - see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 22.12.2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification	
Tolerances on dimensions and shape			Values		BS EN 10210-2:2019 / EN 10210-2:2019	
	Outside diameter		±1%, min ±0,5 and max ± 10mm			
	Wall thickness		- 10% (loc. -12,5%) / +8% mass			
	Ovality Straightness Mass		2% 0,2% of total length and 3mm/1m -6% / +8% for particular lengths			
Yield strength	Nominal thickness (mm)		Values		BS EN 10210-1:2006 / EN 10210-1:2006	
	>	≤	ReH min (MPa)			
		16	355			
	16	40	345			
Tensile strength	Nominal thickness (mm)		Values			
	>	≤	Rm min (MPa)	max (MPa)		
		3	510	680		
	3	100	470	630		
Elongation	Nominal thickness (mm)		Values			
	>	≤	min (%)			
		40	22			
Impact strength	Nominal thickness (mm)		Values			
	>	≤	KV2Lmin (J)			
		40	40 at -20°C			
Weldability Chemical composition + CEV (cast analysis)	Nominal thickness (mm)		Values			
	>	≤				
		40		max (%)		
			C : 0,22 Mn : 1,60 Si : 0,55	P : 0,030 S : 0,030		
		16	CEV: 0,45			
	16	40	CEV: 0,47			
Durability Chemical composition + CEV (cast analysis)	By option to specify that the product is suitable for galvanizing					



NOVÁ HUŤ

Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU), Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. LO-011-CPR2025-12-22

1) Code of the product type: **1.8750**

Type: Hot finished structural hollow sections (seamless tubes) **S420NH according to BS EN/EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kunčice
719 00 Ostrava, Czech Republic
Tel: +420 595 682 501, Fax: +420 596 237 980
<https://novahut.cz>

4) ---

5) System of assessment and verification of constancy of performance of the product: system 2+

6) BS EN/EN 10210-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) - see table.

8) Certificate No. 0879-CPR-10210-1-CZ0003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 22.12. 2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification	
Tolerances on dimensions and shape	Values				BS EN 10210-2:2019 / EN 10210-2:2019	
	Outside diameter		$\pm 1\%$, min $\pm 0,5$ and max $\pm 10\text{mm}$			
	Wall thickness		-10% (loc. $-12,5\%$) / $+8\%$ mass			
	Ovality		2%			
	Straightness		0,2% of total length and 3mm/1m			
Yield strength	Nominal thickness (mm)		Values			
	>	\leq	ReH min (MPa)			
			16	420		
			16	400		
Tensile strength	Nominal thickness (mm)		Values			
	>	\leq	Rm min (MPa)			
			65	520		
			max (MPa)			
Elongation	Nominal thickness (mm)		Values			
	>	\leq	min (%)			
			longit.	transv.		
			65	19		
Impact strength	Nominal thickness (mm)		Values		BS EN 10210-1:2006 / EN 10210-1:2006	
	>	\leq	KV2Lmin (J)			
			40	40 at -20°C		
Weldability	Nominal thickness (mm)		Values			
	Chemical composition + CEV (cast analysis)		in (%)			
	65	Al _{tot} : 0,020 Mn : 1,00	C : 0,22 Mn : 1,70 S : 0,030 V : 0,20 Cr : 0,30 Mo : 0,10 N : 0,025			
			Si : 0,60 P : 0,035 Nb : 0,050 Ti : 0,03 Ni : 0,80 Cu : 0,70			
			16	CEV: 0,50		
	16		16			
Durability	By option to specify that the product is suitable for galvanizing					
	Chemical composition + CEV (cast analysis)					



Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU), Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-012-CPR2025-12-22

1) Code of the product type: **1.8751**

Type: Hot finished structural hollow sections (seamless tubes)
S420NLH according to BS EN/EN 10210-1:2006

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kunčice
719 00 Ostrava, Czech Republic
Tel: +420 595 682 501, Fax:+420 596 237 980
<https://novahut.cz>

4) ---
5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 10210-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) – see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 22.12.2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification						
Tolerances on dimensions and shape			Values		BS EN 10210-2:2019 / EN 10210-2:2019						
	Outside diameter		±1%, min ±0,5 and max ± 10mm								
	Wall thickness		- 10% (loc. -12,5%) / +8% mass								
	Ovality		2%								
Yield strength	Straightness		0,2% of total length and 3mm/1m								
	Mass		-6% / +8% for particular lengths								
Tensile strength	Nominal thickness (mm)		Values		BS EN 10210-1:2006 / EN 10210-1:2006						
	>	≤	ReH min (MPa)								
		16	420								
		16	40	400							
Elongation	Nominal thickness (mm)		Values								
	>	≤	Rm min (MPa)	max (MPa)							
		65	520	680							
	min (%)		longit. transv.								
Impact strength	65		19	17							
	Nominal thickness (mm)		Values								
	>	≤	KV2Lmin (J)								
		40	27 at -50°C								
Weldability	Nominal thickness (mm)		Values								
	Chemical composition + CEV (cast analysis)		in (%)								
		65	Al _{tot} : 0,020 Mn : 1,00	C : 0,22 Mn : 1,70 S : 0,025 V : 0,20 Cr : 0,30 Mo : 0,10 N : 0,025							
				P : 0,030 Nb : 0,050 Ti : 0,03 Ni : 0,80 Cu : 0,70							
Durability	16		CEV: 0,50								
	16		CEV: 0,52								
By option to specify that the product is suitable for galvanizing											
Chemical composition + CEV (cast analysis)											



Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU), Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-013-CPR2025-12-22

1) Code of the product type: **1.8953**

Type: Hot finished structural hollow sections (seamless tubes) **S460NH according to BS EN/EN 10210-1:2006**

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kunčice
719 00 Ostrava, Czech Republic
Tel: +420 595 682 501, Fax: +420 596 237 980
<https://novahut.cz>

4) ----

5) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 10210-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) – see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 22.12.2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification	
Tolerances on dimensions and shape			Values		BS EN 10210-2:2019 / EN 10210-2:2019	
	Outside diameter		±1%, min ±0,5 and max ± 10mm			
	Wall thickness		- 10% (loc. -12,5%) / +8% mass			
Yield strength	Ovality		2%		BS EN 10210-2:2019 / EN 10210-2:2019	
	Straightness		0,2% of total length and 3mm/1m			
	Mass		-6% / +8% for particular lengths			
Tensile strength	Nominal thickness (mm)		Values		BS EN 10210-1:2006 / EN 10210-1:2006	
	> \leq		ReH min (MPa)			
	16		460			
Elongation	16		440		BS EN 10210-1:2006 / EN 10210-1:2006	
	Nominal thickness (mm)		Values			
	> \leq		Rm min (MPa)			
Impact strength	65		540		BS EN 10210-1:2006 / EN 10210-1:2006	
	Nominal thickness (mm)		Values			
	> \leq		min (%)			
Weldability	65		longit.		BS EN 10210-1:2006 / EN 10210-1:2006	
	Nominal thickness (mm)		transv.			
	> \leq		17			
Chemical composition + CEV (cast analysis)	65		15		BS EN 10210-1:2006 / EN 10210-1:2006	
	Nominal thickness (mm)		Values			
	> \leq		KV2Lmin (J)			
Durability	40		40 at -20°C		BS EN 10210-1:2006 / EN 10210-1:2006	
	Nominal thickness (mm)		Values			
	> \leq		in (%)			
Chemical composition + CEV (cast analysis)	65		max (%)		BS EN 10210-1:2006 / EN 10210-1:2006	
	Al _{tot} : 0,020		C : 0,22			
	Mn : 1,00		Si : 0,60			
Durability	Mn : 1,70		Mn : 1,70		BS EN 10210-1:2006 / EN 10210-1:2006	
	S : 0,030		P : 0,035			
	V : 0,20		Nb : 0,050			
Chemical composition + CEV (cast analysis)	Cr : 0,30		Ti : 0,03		BS EN 10210-1:2006 / EN 10210-1:2006	
	Mo : 0,10		Ni : 0,80			
	N : 0,025		Cu : 0,70			
Durability	16		CEV: 0,53		BS EN 10210-1:2006 / EN 10210-1:2006	
	Nominal thickness (mm)		Values			
	16		CEV: 0,55			
Durability	65		By option to specify that the product is suitable for galvanizing		BS EN 10210-1:2006 / EN 10210-1:2006	
	Nominal thickness (mm)					
	65					



Declaration of Performance

(Acc. to Annex III Construction Products Regulation (305/2011/EU),
Regulation (EU) No 574/2014 and (EU Exit) Regulation 2020 No. 1359)

No. NH-014-CPR2025-12-22

1) Code of the product type: **1.8956**

Type: Hot finished structural hollow sections (seamless tubes)
S460NLH according to BS EN/EN 10210-1:2006

2) Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

3) NOVÁ HUŤ s.r.o.
Vratimovská 689/117, Kunčice
719 00 Ostrava, Czech Republic
Tel: +420 595 682 501, Fax: +420 596 237 980
<https://novahut.cz>

4) ---

3) System of assessment and verification of constancy of performance of the product: System 2+

6) BS EN/EN 10210-1:2006, BS EN/EN 10210-2:2019

Factory production control approved body No. 0879 TÜV UK Ltd./notified body No. 0045 TÜV NORD performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

7) The performance of the product identified in 1) - see table.

8) Certificate No. 0879-CPR-10210-1-CZ00003 Rev 1/No. 0045-CPR-0807. The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Marian Kubes
Q-Engineer – NH s.r.o.

Michal Kolar
Q/A manager – NH s.r.o.

Date : 22.12.2025

Essential characteristic	Performance				UK designated technical specification / Harmonised technical specification																			
Tolerances on dimensions and shape	Values				BS EN 10210-2:2019 / EN 10210-2:2019																			
	<table> <tr> <td>Outside diameter</td><td colspan="3">±1%, min ±0,5 and max ± 10mm</td></tr> <tr> <td>Wall thickness</td><td colspan="3">- 10% (loc. -12,5%) / +8% mass</td></tr> <tr> <td>Ovality</td><td colspan="3">2%</td></tr> <tr> <td>Straightness</td><td colspan="3">0,2% of total length and 3mm/1m</td></tr> <tr> <td>Mass</td><td colspan="3">-6% / +8% for particular lengths</td></tr> </table>				Outside diameter	±1%, min ±0,5 and max ± 10mm			Wall thickness	- 10% (loc. -12,5%) / +8% mass			Ovality	2%			Straightness	0,2% of total length and 3mm/1m			Mass	-6% / +8% for particular lengths		
Outside diameter	±1%, min ±0,5 and max ± 10mm																							
Wall thickness	- 10% (loc. -12,5%) / +8% mass																							
Ovality	2%																							
Straightness	0,2% of total length and 3mm/1m																							
Mass	-6% / +8% for particular lengths																							
Yield strength	Nominal thickness (mm)	Values			BS EN 10210-1:2006 / EN 10210-1:2006																			
	>	≤	ReH min (MPa)																					
			16	460																				
			16	440																				
Tensile strength	Nominal thickness (mm)	Values																						
	>	≤	Rm min (MPa)	max (MPa)																				
			65	540	720																			
Elongation	Nominal thickness (mm)	Values																						
	>	≤	min (%)		BS EN 10210-1:2006 / EN 10210-1:2006																			
			longit.	transv.																				
			65	17																				
Impact strength	Nominal thickness (mm)	Values																						
	>	≤	KV2Lmin (J)																					
			40	27 at -50°C																				
Weldability	Nominal thickness (mm)	Values			BS EN 10210-1:2006 / EN 10210-1:2006																			
Chemical composition + CEV (cast analysis)	>	≤	in (%)	max (%)																				
		65	Al_{tot} : 0,020	C : 0,22	Si : 0,60																			
			Mn : 1,00	Mn : 1,70	P : 0,030																			
				S : 0,025	Nb : 0,050																			
				V : 0,20	Ti : 0,03																			
				Cr : 0,30	Ni : 0,80																			
				Mo : 0,10	Cu : 0,70																			
				N : 0,025																				
		16		CEV: 0,53																				
	16	65		CEV: 0,55																				
Durability	By option to specify that the product is suitable for galvanizing																							
Chemical composition + CEV (cast analysis)																								