VÍTKOVICE STEEL
A COMPANY OF JINDAL STEEL

DECLARATION OF PERFORMANCE

No. 0018/19

REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

1. Unique identification code of the product - type:

Flat hot rolled steel product - grade S460N_1.8901 according to EN 10025-3

2. Intended use:

Steel construction or in composite metal and concrete structures

3. Manufacturer:

VÍTKOVICE STEEL, a.s.

Address: **Českobratrská 3321/46, Moravská Ostrava, PSČ: 702 00 Ostrava, ČR**
Phone.: **+420 595 696 077**
Fax: **+420 595 696 070**
E-mail: **sekretariat@vitkovicesteel.com**

5. System of AVCP:

System 2+

6. Harmonised standard:

EN 10025-1:2004

Notified body:

TÜV NORD Systems GmbH & Co. KG, *NB No.* 0045

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Moravská Ostrava, **August 25th, 2026**

Name: **Radim Pachlopník**
Position: **Managing Director**
Signature:

Name: **Jiří Prejda**
Position: **Quality Manager**
Signature:

7. Declared performance:

Essential characteristic			Technical parameters			Harmonised techn. Specification
Tolerances on dimensions and shape						EN 10029
Tensile test	**Nominal thickness (mm)**		**Values**			EN 10025-1:2004
	>	≤	Yield strength min (MPa)	Tensile strength (MPa)	Elongation min (%)	
		16	460	540 - 720	17	
	16	40	440	540 - 720	17	
	40	63	430	540 - 720	17	
	63	80	410	540 - 720	17	
	80	100	400	540 - 720	17	
	100	150	380	530 - 710	17	
	150	200	370	530 - 710	17	
Impact test KV L	**Nominal thickness (mm)**		**Values**			
	>	≤	min (J)			
	6	200	40 at -20°C			
Carbon equivalent	**Nominal thickness (mm)**		**Values**			
	>	≤	max. (CEV, %)			
		63	0,53			
	63	100	0,54			
	100	250	0,55			
Chemical composition	**Values**					
			min (%)	max. (%)		
	C			0,20		
	Si			0,60		
	Mn		1,00	1,70		
	P			0,030		
	S			0,025		
	Nb			0,05		
	V			0,20		
	$Al_{celkový}$		0,02			
	Ti			0,05		
	Cr			0,30		
	Ni			0,80		
	Mo			0,10		
	Cu			0,55		
	N			0,025		