VÍTKOVICE STEEL
A COMPANY OF JINDAL STEEL

DECLARATION OF PERFORMANCE

No. 0026/19

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 S460M_1.8827 according to EN 10025-4

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	530 - 710	17	
	63	80	410	510 - 690	17	
	80	100	400	500 - 680	17	
	100	120	385	490 - 660	17	
Impact test KV L	**Nominal thickness (mm)**		**Values**			
	>	≤	min (J)			
	6	120	40 at -20°C			
Carbon equivalent	**Nominal thickness (mm)**		**Values**			
	>	≤	max. (CEV, %)			
		16	0,45			
	16	40	0,46			
	40	63	0,47			
	63	120	0,48			
Chemical composition	**Values**					
		max. (%)				
	C	0,16				
	Si	0,60				
	Mn	1,70				
	P	0,030				
	S	0,025				
	Nb	0,05				
	V	0,12				
	$Al_{celkový}$	min. 0,02				
	Ti	0,05				
	Cr	0,30				
	Ni	0,80				
	Mo	0,20				
	Cu	0,55				
	N	0,025				