

DECLARATION OF PERFORMANCE

1. Unique identification code of the product-type:

2013-Xinyu-EN 10025-2 –S235JR-CPR

2. Type, batch or serial number or any other element allowing identification of the construction product:

**Hot-rolled products of steel grade S235JR
according to EN 10025-2:2004**

3. Intended use or uses of the construction product , in accordance with the applicable harmonized technical specification:

to be used in metal structures of non-alloy structural steels

4. Name , registered trade name or registered trade mark and contact address of the manufacture:

**XINYU IRON & STEEL CO., LTD
ADDRESS: XINYU 338001, JIANGXI PROVINCE, CHINA
TEL: +86 790 6294285**

5. Name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Notified factory production control certification body LRV Notified Body identification 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

新余钢铁
Xinyu

factory production control No 0038-CPD-MUM-0710077/A DD.07April 2013.

8. Declared performance

Essential characteristic	Performance			Harmonised technical specification
Tolerances on dimensions and shape	Thickness Shape dimensions	EN 10025-2		EN 10025-2:2004 
Yield Strength	Nominal thickness (mm)	Values (MPa)		
	≤16	Min 235		
	>16≤40	225		
	>40≤63	215		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	Min 360	Max 510	
	≥3≤100	Min 360	Max 510	
Elongation	Nominal thickness (mm)	Values (%)		
	>1,5≤2,0	Min 19		
	>2,0≤2,5	20		
	>2,5≤3,0	21		
	≥3≤40	26		
	>40≤63	25		
Impact strength for longitudinal test specimens KV at 20° C	Nominal thickness (mm)	Values (J) Min		
	≤150	27		
Weldability CEV	Nominal thickness (mm)	Values (%)		
	≤30	0,35		
	>30≤40	0,35		
	>40≤150	0,38		
Durability	Nominal thickness (mm)	Values (%) max		
	≤40	C:0,17; Mn:1,4; Si:-; P:0,035; S:0,035; N:0.012; Cu:0,55		
	>40	C:0,20; Mn:1,7; Si:-; P:0,035; S:0,035; N:0.012; Cu:0,55		

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacture identified in point 4. Signed for and on behalf of the manufacture by :

XINYU IRON & STEEL CO., LTD

新余钢铁股份有限公司
Xinyu Iron & Steel Co., Ltd.

夏金勇

公司
Co., Ltd.