

# DECLARATION OF PERFORMANCE

1. Unique identification code of the product-type:  
**2013-Xinyu-EN 10025-2 –S355JR-CPR**
2. Type, batch or serial number or any other element allowing identification of the construction product:  
**Hot-rolled products of steel grade S355JR  
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 355		
	>16≤40	345		
	>40≤63	335		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<3	Min 510	Max 680	
	≥3≤100	Min 470	Max 630	
Elongation	Nominal thickness (mm)	Values (%)		
		Min		
	>1,5≤2,0	16		
	>2,0≤2,5	17		
	>2,5≤3,0	18		
	≥3≤40	22		
Impact strength for longitudinal test specimens KV at 20° C	Nominal thickness (mm)	Values (J)		
	≤150	Min 27		
Weldability CEV	Nominal thickness (mm)	Values (%)		
	≤30	0,45		
	>30≤40	0,47		
	>40≤150	0,47		
Durability	Nominal thickness (mm)	Values (%) max		
	≤40	C:0,24; Mn:1,6; Si:0,55; P:0,035; S:0,035; N:-; Cu:0,06		
	>40	C:0,24; Mn:1,6; Si:0,60; 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.



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