

# DECLARATION OF PERFORMANCE

1. Unique identification code of the product-type:

**2013-CPIT -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:

**JIANGYIN XING CHENG SPECIAL STEEL WORKS CO., LTD**

**ADDRESS: NO.297, BINJIANG (E) ROAD, JIANGYIN CITY, JIANGSU PROVINCE, CHINA PC:214429**

**TEL: 0086-510-86193388**

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 TUV SUD Industrie Service GmbH No. 0036 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 No 0036-CPD-36-2010 von/dated 2012-05-25**

### 8. Declared performance

Essential characteristic	Performance		Harmonised technical specification
Tolerances on dimensions and shape	Thickness Shape dimensions	EN 10025-2	
Yield Strength	Nominal thickness (mm)	Values (MPa) Min	
	≤16	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	
	>40≤63	21	
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	

EN 10025-2:2004

Durability	Nominal thickness (mm)	Values (%) max	
	≤40	C:0,27; Mn:1,7; Si:0,60; P:0,045; S:0,045; N:0.120; Cu:0,3	
	>40	C:0,27; Mn:1,7; Si:0,60; P:0,045; S:0,045; N:0.120; Cu:0,3	

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 :

**JIANGYIN XINGCHENG SPECIAL STEEL WORKS CO., LTD**

