DECLARATION OF PERFORMANCE

No. XC62-DOP-041

1. Unique identification code of the product-type:

Hot rolled structural steel plate S690QL (1 .8928) according to EN 10025-6:2004

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

S690QL

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in metal structures or in composite metal and concrete structures

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Manufacturer: Jiangyin Xingcheng Special Steel works Co., Ltd.

Address: No.297 BinJiang East Road, Jiangyin City, Jiangsu Province, P. R. China

Registered trade mark:

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Europe Representative Office

Am Seestern 8, 40547, Dusseldorf, Germany

Tel: 0049-211-52289951, fax:0049-211-52289945, email:tanxiaofeng@cp-ssteel.com

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 harmonised standard:

Notified body TÜV SÜD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich, No. 0036 has performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued certificate of conformity of the FPC with no. 0036-CPR-M-036-2010.

8. in case of the declaration of performance concerning a construction product for which a European Technical assessment has been issued:

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9. Declared performance

Essential Characteristic	Performance				Harmonised technical specification
Tolerances on dimensions and shape	thickness		EN 10029 class B		EN10025-1:2004
	flatness		EN 10029 class N		
Yield strength	Nominal		Values		
	>	≤	Min（MPa）	Max（MPa）	
	⩾3	50	690		
	50	100	650		
	100	150	630		
Tensile strength	Nominal thickness (mm)		Value		
	>	≤	Min (Mpa)	Max (Mpa)	
	⩾3	50	770	940	
	50	100	760	930	
	100	150	710	900	
Elongation ($L_0=5.65*(S_0)^{1/2}$)	Nominal thickness(mm)		value		
	>	≤	Min (%)		
		150	14		
Impact strength	Nominal thickness (mm)		Value		
	>	≤	Min(J)		
		150	30 at -40°C		
Weldability CEV	Nominal thickness (mm)		Value		
	>	≤		Max(%)	
		50		0.65	
	50	100		0.77	
	100	150		0.83	
Chemistry	Nominal thickness (mm)		Value		
	>	≤	Max (%)		
		150	C:0.20 Si:0.80 Mn:1.70 P:0.020 S:0.010 N:0.015 B:0.0050 Cr:1.5 Cu:0.5 Mo:0.7 Nb:0.06 Ni: 2.0 Ti:0.05 V:0.12 Zr:0.15		

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

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

QA Manager: Mr. Bai Yun

Jiangyin, 2014-08-15

(place and date of issue)

(signature)

江阴兴澄特种钢铁有限公司
JIANGYIN XINGCHENG SPECIAL STEEL WORKS CO.,LTD.