

VALID TO 31 DEC  
**2020**



Certificate Number: **T1007**

Australasian Certification Authority for Reinforcing and Structural Steels Ltd

## **Certificate of Product Performance** **Technical Approval**



**HUNAN XIANGGANG METAL PRODUCTS TECHNOLOGY CO., LTD.**  
*XIANGTAN CITY, HUNAN, CHINA*

### **Scope of Certification**

*has satisfied the Australasian Certification Authority for Reinforcing and Structural Steels Ltd that it supplies:*

Product:	Prestressing strand 15.7mm 1860MPa Relax 2 Line C
Scheme:	ACRS Scheme Rules
Normative document:	AS/NZS 4672, plus the dimensions and properties for 7-wire strand in Table 12 (designation Y1860S7) of BS 5896.

*Note: 15.7mm 7-wire strand is not referenced in AS/NZS 4672 Steel Prestressing materials. 15.7mm 7-wire strand manufactured by Hunan Xianghui Metal Products Co Ltd has been assessed by ACRS against the requirements of AS/NZ 4672 and the dimensions and properties for 7-wire strand in Table 12 (designation Y1860S7) of BS 5896 High tensile steel wire and strand for the prestressing of concrete, and is Approved as meeting the minimum requirements of AS/NZS 4672, with the exception of diameter.*

By authority of  
ACRS Board:

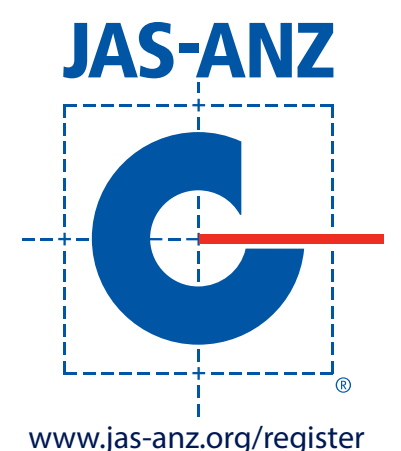
  
Philip Sanders, Executive Director

Valid until:

31 December 2020

First issued:

1 March 2017



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TECHNICAL APPROVAL

[www.steelcertification.com](http://www.steelcertification.com)

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### **Products manufactured:**

*This product conforms with the specific requirements of AS/NZS 4672 and the specific requirements of Table 12 in BS 5896:2012 for Steel Grade Y 1860S7.*

**Table 12: BS 5896**

Steel Grade	Diameter mm	Tensile Strength MPa	Cross sectional area mm <sup>2</sup>	Mass/ Metre g/m	Permitted deviation on mass per metre %	Fm kN	Fm max kN	Fp0.1 kN
Y1860S7	15.7	1860	150	1172	+/- 2	279	321	246

**Strand 7 Wire Ordinary**    15.7mm 1860MPa    Relax 2    ✓    Line C

**Tag**

**Marking**

**JAS-ANZ**



[www.jas-anz.org/register](http://www.jas-anz.org/register)