



TECHNICAL APPROVAL

www.steelcertification.com

Certificate Number: 1003

Australasian Certification Authority for Reinforcing and Structural Steels Ltd

Certificate of Approval

Technical Approval Certification

This is to Certify that


LIBERTY
ONESTEEL

at its establishment at

LIBERTY ONESTEEL
MAYFIELD, NSW, AUSTRALIA

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

Product:	Prestressing strand 15.7mm 1860MPa Relax 2 Line 1
Scheme:	ACRS Scheme Rules – Technical Approval Certification
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 Liberty OneSteel 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 2018

Date issued:

1 March 2016



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Products manufactured:

This product conforms to the requirements of AS/NZS 4672 and the specific requirements of Table 12 in BS 5896:2012 for Steel Grade Name Y1860S7.

Table 12: BS 5896

Steel Grade	Diameter mm	Tensile Strength MPa	Cross sectional area mm ²	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 1
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