

VALID TO 31 DEC
2017



TECHNICAL APPROVAL

www.steelcertification.com

Certificate Number: **1006**

Australasian Certification Authority for Reinforcing and Structural Steels Ltd

Certificate of Approval Technical Approval Certification

This is to Certify that



at its establishment at
USHA MARTIN LTD
 RANCHI, INDIA

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

Product:	Prestressing strand 15.7mm 1860MPa Relax 2
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 Y186057) 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 Usha Martin 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 Y186057) 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 2017

Date issued:

1 March 2017

VALID TO 31 DEC
2017



TECHNICAL APPROVAL

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Certificate Number: 1006

Australasian Certification Authority for Reinforcing and Structural Steels Ltd

Certificate of Approval Technical Approval Certification



USHA MARTIN LTD
 RANCHI, INDIA

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 Y 186057.

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
Y186057	15.7	1860	150	1172	+/- 2	279	321	246

Strand 7 Wire Ordinary	15.7mm	1860MPa	Relax 2	✓
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