

2024

VALID TO 31 Dec

Australasian Certification Authority for
Reinforcing and Structural Steels Ltd



PRODUCT CERTIFICATION
www.steelcertification.com

CERTIFICATE OF APPROVAL

Technical Approval

This is to certify that

Jiangyin Fasten Steel Products Co., Ltd.

at

**No. 3456, ZhenCheng Rd,
Jiangyin City Jiangsu China 214445**

has satisfied the Authority that it complies with the rules of the ACRS Product Certification Scheme for Technical Approvals and is entitled to use the ACRS mark in relation to the products listed on this certificate.



SCOPE OF CERTIFICATION

Product: Prestressing Strand 15.7mm 1860MPa Relax 2 & 9.30mm 1860MPa Relax 2

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: 9.3(1860MPa) and 15.7mm 7-wire strand is not referenced in AS/NZS 4672 Steel Prestressing materials. 9.3(1860MPa) and 15.7mm 7-wire strand manufactured by Jiangyin Fasten Steel Products has been assessed by ACRS against the requirements of AS/NZS 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 for 15.7 mm and for Tensile Strength for 9.3 mm. Reason being is that there is a 9.3 mm diameter in AS/NZS 4672 but not at the Tensile strength of 1860MPa.

This certificate remains the property of the Authority and is issued subject to the Regulations of the Authority.

CERTIFICATE NUMBER	VERSION	FIRST APPROVAL	ISSUE DATE	EXPIRY DATE
T1005	1	16 December 2016	01 January 2024	31 December 2024

SIGNED FOR ACRS

Andrew Wheeler,
Executive Director

AUSTRALASIAN CERTIFICATION AUTHORITY FOR REINFORCING AND STRUCTURAL
STEELS LTD | ABN: 40 096 692 545 | PO BOX 1369, CROWS NEST NSW 1585, AUSTRALIA

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Cert. Ref.: 036-01 T1005 1

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JAS-ANZ



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PRODUCT CERTIFICATION
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CERTIFICATE OF APPROVAL

Technical Approval

Certificate Number: T1005
Jiangyin Fasten Steel Products Co., Ltd.

at
No. 3456, ZhenCheng Rd,
Jiangyin City Jiangsu China 214445



Products assessed by ACRS to the following Standards:

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 Y1860S7.

Strand 7 wire ordinary:
9.3mm, 1860 MPa, Relax 2 - Line 2, 3 and 4
15.7mm, 1860 MPa, Relax 2 - Lines 2, 3 and 4

Table 12: BS 5896
Steel Grade Y1860S7, Diameter 9.3 mm, Tensile Strength 1860 MPa, Cross sectional area 52.0 mm², Mass per metre 406.1 g/m, Permitted deviation on mass per metre +/- 2%, Fm 96.7 kN, Fm max 111 kN, Fp0.1 85.1 kN.

Steel Grade Y1860S7, Diameter 15.7 mm, Tensile Strength 1860 MPa, Cross sectional area 150 mm², Mass per metre 1172 g/m, Permitted deviation on mass per metre +/- 2%, Fm 279 kN, Fm max 321 kN, Fp0.246.1 kN.

Approved Company Information

Tag



PRESTRESSED CONCRETE 7-WIRE STRAND



No.: T1005

JIANGYIN FASTEN STEEL PRODUCTS CO., LTD

TEL: +86 510 86114891 FAX: +86 510 86652868 www.chinafasten.com

SPECIFICATION: AS/NZS 4672.1:2007

GRADE: 1860 MPa NOMINAL DIA: 9.3 MM

RELAXATION: Relax2 HEAT NO.: _____

COIL NO.: _____ WEIGHT: _____ KGS

LENGTH: _____ M DATE: | _____

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