

2026

VALID TO 31 Dec

Australasian Certification Authority for
Reinforcing and Structural Steels Ltd



TECHNICAL APPROVAL

CERTIFICATE OF APPROVAL

Technical Approval

This is to certify that

Thai Wire Products Public Co. Ltd.

at

**4 I-5 RD. Maptaphud Industrial Estate Maptaphut,
Muang Rayong Thailand 21150**



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 1860 MPa Relax 2 Line 1

Scheme: ACRS Scheme Rules

Normative document: AS/NZS 4672:2007, plus the dimensions and properties 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 Thai Wire Products Public Company 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.

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
T1020	1	23 December 2020	01 January 2026	31 December 2026

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.: 041-02 T1020 1

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Accreditation certificate
number Z5221212AC

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Certificate Number: T1020

Thai Wire Products Public Co. Ltd.

at

**4 I-5 RD. Maptaphud Industrial Estate Maptaphut,
Muang Rayong Thailand 21150**



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:

15.7mm 1860 MPa Relax 2 - Line 1

Table 12: BS 5896

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%, F_m 279 kN, F_m max 321 kN, F_{p0.1} 246 kN

Approved Company Information

Tag



STANDARD TO AS/NZS 4672: 2007

AS/NZS 4672: 2007 -7 Wire ordinary-15.7-1860-Relax 2-Left
ISO 9001:2015 - MASCER CERTIFICATION : OMS02120565

THAI WIRE PRODUCTS PUBLIC COMPANY LIMITED
4, I-5 ROAD, MAPTAPHUT INDUSTRIAL ESTATE,
MAPTAPHUT, MUANG, RAYONG, THAILAND

SIZE : 15.70 mm.

COIL NO.: 63033_0066- 00051

NET WT. : 3,033 kgs.

Approx. Length: 2,586 m.



STANDARD TO AS/NZS 4672: 2007

AS/NZS 4672: 2007 -7 Wire ordinary-15.7-1860-Relax 2-Left
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