

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

Tianjin Wasungen Metal Products Co., Ltd

at

East Section of Taibo South Road

Jinghai Economy Development Zone Tianjin China 301600

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 7 strand Relax 2 Line A

Scheme: ACRS Scheme Rules

Normative document: AS/NZS 4672:2007, 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 Tianjin Wasungen 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.

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 |
|--------------------|---------|-------------------|-----------------|------------------|
| T1027 | 1 | 18 September 2023 | 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

To check the validity of this certificate please scan the above Static QR Code with the ACRS
Cloud App or visit www.steelcertification.com

Cert. Ref.: 173-01 T1027 1

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Accreditation certificate
number Z5221212AC

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Australasian Certification Authority for
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CERTIFICATE OF APPROVAL

Technical Approval

Certificate Number: T1027

Tianjin Wasungen Metal Products Co., Ltd

at

East Section of Taibo South Road

Jinghai Economy Development Zone Tianjin China 301600



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 - Production Line A

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%, Fm 279 kN, Fm max 321 kN, Fp0.1 246 kN

Approved Company Information

Tag



**TIANJIN WASUNGEN METAL PRODUCTS
CO., LTD**



Certificate No.: T1027

| | | | |
|--------------------------------------------------------------|------------------------------------|-----------------|---------|
| PRODUCT | PRESTRESSED CONCRETE 7-WIRE STRAND | | |
| STANDARD | AS/NZS 4672.1: 2007 | RELAXATION | RELAX 2 |
| NOMINAL DIA. | 15.7 MM | GRADE: | 1860MPA |
| COIL NO. | | NET WEIGHT: | KG |
| LENGTH | | PRODUCTION DATE | |
| WhatsApp: 008618322432504 E-mail: Jason_wasungenwire@163.com | | | |
| MADE IN CHINA | | | |

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