

2024

VALID TO 31 DEC



TECHNICAL APPROVAL

Certificate Number: T1023

Australasian Certification Authority
for Reinforcing and Structural Steels Ltd

CERTIFICATE OF PRODUCT PERFORMANCE TECHNICAL APPROVAL



SILVERY DRAGON PRESTRESSED MATERIALS CO.,LTD
HEJIAN CITY, HEBEI PROVINCE, CHINA

Scope of Certification

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 |
| 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 Silvery Dragon Prestressed Materials 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.

By authority of
ACRS Board:

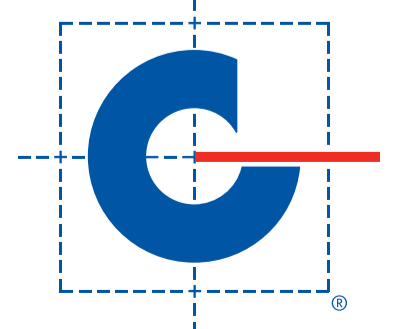
Andrew Wheeler, Executive Director

Issued: 1 January 2024

Valid until: 31 December 2024

First certified: 18 March 2022

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www.jas-anz.org/register

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www.steelcertification.com

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SILVERY DRAGON PRESTRESSED MATERIALS CO.,LTD
HEJIAN CITY, HEBEI PROVINCE, CHINA

Products manufactured:

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 Y 1860S7.

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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