

# 2024

VALID TO 31 Dec

Australasian Certification Authority for  
Reinforcing and Structural Steels Ltd



PRODUCT CERTIFICATION  
[www.steelcertification.com](http://www.steelcertification.com)

## CERTIFICATE OF APPROVAL

### Technical Approval

This is to certify that

**Haggie Wire and Strand (Pty). Ltd**

at

**60 Strachan Street**

**Industries East, Germiston Gauteng South Africa 1401**

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 RS 29 and 31

**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 Scaw Metals Group 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
T1026	1	08 November 2022	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](http://www.steelcertification.com)

Cert. Ref.: 017-01 T1026 1

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JAS-ANZ



[www.jas-anz.org/register](http://www.jas-anz.org/register)  
Accreditation certificate  
number Z5221212AC

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## CERTIFICATE OF APPROVAL

### Technical Approval

**Certificate Number: T1026**  
**Haggie Wire and Strand (Pty). Ltd**

at  
**60 Strachan Street**  
**Industries East, Germiston Gauteng South Africa 1401**



#### Products assessed by ACRS to the following Standards:

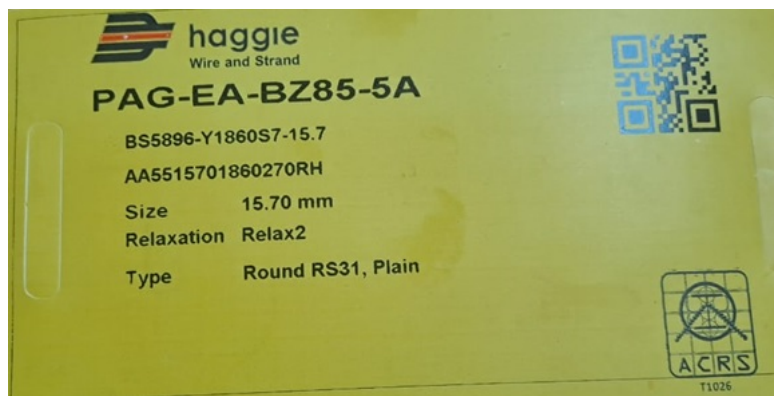
This product conforms with the specific requirements of AS/NZS 4672 and the specific requirements of Table 12 in BS 5896:2012 for Steel Grade Y1860S7.

Strand 7 wire ordinary:  
15.7mm, 1870 MPa, Relax 2 - Lines RS 29 and 31

Table 12: BS 5896  
Steel Grade: Y1860S7, Diameter 15.7 mm, Tensile Strength 1860 MPa, Cross sectional area 150 mm<sup>2</sup>, 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



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