

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

Liberty Ostrava a.s.

at

Vratimovska 689/117

Ostrava-Kuncice Czech Republic 71900

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: OTB 670/800 Continuously Threaded Bar 18mm-75mm

Scheme: ACRS Scheme Rules

Normative document: AS/NZS 4671:2019, except for Ceq and standard grades

Note: Grade OTB 670/800 has been assessed by ACRS against the requirements of AS/NZS 4671:2019 with the following exceptions listed below. Some limited preheat may be required for bar diameters >25 mm in certain low energy input weld conditions. Refer AS/NZS 1554 Pt 3 for suitable guidelines.

The product is manufactured to a maximum Ceq from cast analysis of 0.60% (AS/NZS 467:2019 = 0.44% maximum). As such, some limited preheat may be required in some certain low energy input weld conditions. Refer AS/NZS 1554 Part 3 for suitable guidelines.

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
T1029	1	07 December 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

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Cloud App or visit www.steelcertification.com

Cert. Ref.: 179-01 T1029 1

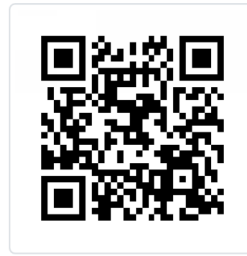
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Products assessed by ACRS to the following Standards:

Grade S670/800 Thread Bar

Grade OTB 670/800 has been assessed by ACRS against the requirements of AS/NZS 4671:2019 with the following exceptions listed below. Note: Some limited preheat may be required for bar diameters >25 mm in certain low energy input weld conditions. Refer AS/NZS 1554 Pt 3 for suitable guidelines.

Cast Analysis: 18 to 75mm - Ceq max. 0.60% and C max. 0.30%

Mandrel Diameter: 18 to 50mm - 4d, > 50mm not intended for bending

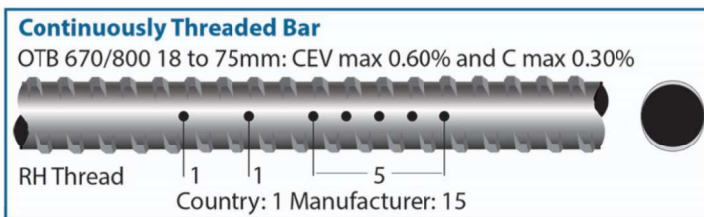
Characteristic Yield Stress: 670N/mm²

Section 7.4.2.4 Relative Projected Rib Area: Dia > 50mm - $F_r \geq 0.056$

Bar Markings: Section 9.1 and 9.2 - Shown below

Approved Company Information

Marking



Tag

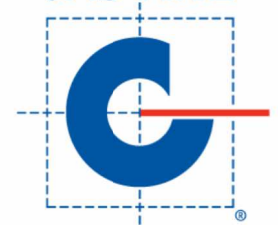


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