

Australasian Certification Authority for Reinforcing and Structural Steels Ltd





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CERTIFICATE OF APPROVAL

Technical Approval

This is to certify that

Liberty Ostrava a.s.

at

Vratimovska 689/117



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: Continuously Threaded Bar 16mm-75mm OTB: 500/550: 16 to 25 mm. 28 to 50 mm and 75 mm OTB: 555/700: 57.5 and 63.5 mm Scheme: ACRS Scheme Rules Normative document: AS/NZS 4671:2019, except for Ceq and standard grades.

Note: Grades OTB 500/OTB 555 has been assessed by ACRS against the requirements of AS/NZS 4671:2019 and is Approved as meeting the minimum requirements for Grade 500N, with the exceptions of product grade markings (as shown below) and Carbon Equivalent(Ceq).

The product is manufactured to a maximum Ceq from cast analysis of 0.52% (AS/NZS 4671:2019 = 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
T1028	1	06 December 2023	01 January 2025	31 December 2025

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.: 179-01 T1028 1

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Certificate Number: T1028 Liberty Ostrava a.s.

^{at} Vratimovska 689/117 Ostrava-Kuncice Czech Republic 71900



Products assessed by ACRS to the following Standards:

Grade 500/550 and 555/700 manufactured by Liberty Ostrava has been assessed by ACRS against the requirements of AS/NZS 4671:2019 and meets all of the minimum requirements for the Standard Grade 500N with the following exceptions listed below. Some limited preheat may be required in some certain low energy input weld conditions. Refer AS/NZS 1554 Part 3 for suitable guidelines.

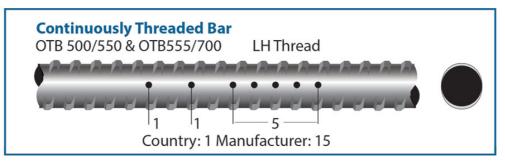
Cast Analysis

- OTB 500/550 16 to 25mm Ceq max. 0.50%, 28 to 50mm Ceq max. 0.47%, 75mm Ceq max. 0.52%
- OTB 555/700 57.5 to 63.5mm Ceq max. 0.52%

Mandrel Diameter: 16 to 50mm - 4d, ≥50mm - not intended for bending Bar Markings: Section 9.1 and 9.2 - Shown below

Approved Company Information

Marking



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