

# 2024

VALID TO 31 DEC



TECHNICAL APPROVAL

Certificate Number: T1029

Australasian Certification Authority  
for Reinforcing and Structural Steels Ltd

## CERTIFICATE OF PRODUCT PERFORMANCE TECHNICAL APPROVAL



LIBERTY OSTRAVA A.S.  
OSTRAVA-KUNCICE, CZECH REPUBLIC

### Scope of Certification

has satisfied the Australasian Certification Authority for Reinforcing and Structural Steels Ltd that it supplies:

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.  
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.

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.

By authority of  
ACRS Board:

Andrew Wheeler, Executive Director

Issued: 7 December 2023 Valid until: 31 December 2024

First certified: 7 December 2023

JAS-ANZ



www.jas-anz.org/register

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VALID TO 31 DEC



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www.steelcertification.com

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for Reinforcing and Structural Steels Ltd

## CERTIFICATE OF PRODUCT PERFORMANCE TECHNICAL APPROVAL



LIBERTY OSTRAVA A.S.  
OSTRAVA-KUNCICE, CZECH REPUBLIC

### Products manufactured:

#### 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.

Table 1: Cast Analysis

18 to 75 mm	Ceq 0.60% max	✓
	and C max 0.30%	

Table 2 Characteristic Yield Stress 670N/mm<sup>2</sup>

#### Section 7.4.2.4 Relative Projected Rib Area

dia >50 mm	F <sub>r</sub> ≥ 0.056	✓
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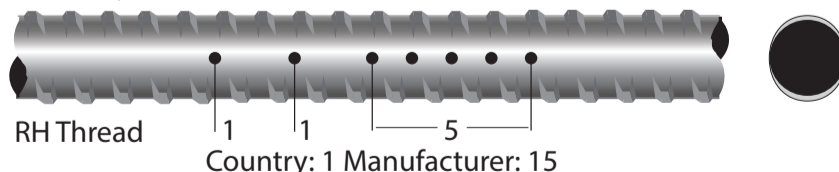
Table 4 Mandrel Diameter

18 to 50 mm	4d	✓
> 50mm	Not intended for bending	✓

### Bar Markings: Section 9.1 and 9.2

#### Continuously Threaded Bar

OTB 670/800 18 to 75mm: CEV max 0.60% and C max 0.30%



#### Tag



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