ACCREDITED LABORATORY

WORLD RECOGNISED ACCREDITATION

NATIONAL ASSOCIATION OF TESTING AUTHORITIES, AUSTRALIA

has accredited:

Kingfisher International Pty Ltd

Optical Calibration Laboratory

Following demonstration of its technical competence to operate in accordance with:

ISO/IEC 17025

This facility is accredited for the calibrations shown on the Scope of Accreditation issued by NATA

Jennifer Evans
Chief Executive Officer, NATA

Date of issue: 14 July 2025 | Date of Accreditation:07 November 2019 | Accreditation number: 20533 | Site number: 24605

National Association of Testing Authorities, Australia

Scope of Accreditation

Kingfisher International Pty Ltd

Site

Optical Calibration Laboratory

Accreditation No.	Site No.	Date of Accreditation
20533	24605	07 Nov 2019

Address

720 Springvale Road
Mulgrave, VIC 3170
Australia

kingfisherfiber.com

Contact

Mr Bruce Robertson
P: +61 (03) 85441750
bruce@kingfisher.com.au

Availability

Services available to external clients

Optical Calibration Laboratory

ISO/IEC 17025 (2017)

Calibration

- The uncertainty of measurement is reported as an expanded uncertainty having a level of confidence of 95% unless stated otherwise

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATIONS
Optical metrology - Optical measuring equipment	Fibre optic systems; Laser energy meters; Laser power meters; Photodiodes; Radiometers	Responsivity	Direct comparison against a reference meter	IEC 61315 In-house Methods 1, 2, 2A, 6 and 7	
Capability Calibration of responsivity including measurements in free space in accordance with TIA-455-231, IEC 61315 and FOTP 231 with Calibration and Measurement Capability of - 0.03 dB or 0.7% of the reading whichever is greater In the wavelength range from 350 nm to 1650 nm in 5 nm steps and wavelength uncertainty of 0.5 nm At power levels from -60 dBm to 3 dBm (or 1 nW to 2 mW) using non-coherent light.					
		Linearity	Direct comparison against a reference meter	IEC 61315 In-house Methods 1, 2, 3. 4, 6 and 7	
Capability Measurement of linearity in accordance with IEC61315 ... with Calibration and Measurement Capability of - 0.02 dB for a 10 dB range of response (or 0.5% for a 10:1 range of response) whichever is greater, at power levels from -70 dBm to 0 dBm (or from 0.1 nW to 1 mW) at nominal wavelengths 650 nm, 850 nm,1310 nm & 1550 nm, using non-coherent light					
	Fibre optic systems; Optical power meters	Power; Wavelength	Direct comparison against a reference spectrometer; Direct measurement using a reference meter	IEC 61315 In-house Methods 1, 2, 2A, 3, 4, 5, 6 and 7	
Capability Calibration of power and wavelength in accordance with IEC61315 including measurements in free space with Calibration and Measurement Capability of- Wavelength from 350 nm to 1700 nm with wavelength uncertainty of 0.5 nm Power from-60 dBm to 10 dBm (or 1 nW to 10 mW) with uncertainty 0.03 dB or 0.7% of reading whichever is greater. Return loss – Fibre optic systems 0.04 dB from 350 nm to 1650 nm in the range from -60 dB to 0 dB					

The only data displayed is that deemed relevant and necessary for the clear description of the activities and services covered by the scope of accreditation.
Grey text appearing in a SoA is additional freetext providing further refinement or information on the data in the preceding line entry.

Accreditation No.	Site No.	Print date
20533	24605	15 Jul 2025

END OF SCOPE