



CERTIFICATE OF ACCREDITATION

In terms of section 22(2) (b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-

RAPID INSTRUMENTATION (PTY) LTD
Co. Reg. No.: 2021/960031/07

Accreditation Number: **CAL 066-05-00**

is a South African National Accreditation System accredited Calibration laboratory
provided that all SANAS conditions and requirements are complied with

This certificate is valid as per the scope as stated in the accompanying scope of accreditation
Annexure "A", bearing the above accreditation number for

TIME AND FREQUENCY METROLOGY

The facility is accredited in accordance with the recognised International Standard

ISO/IEC 17025:2017

The accreditation demonstrates technical competency for a defined scope and the operation of a
laboratory quality management system

While this certificate remains valid, the Accredited Facility named above is authorised to use the
relevant SANAS accreditation symbol to issue facility reports and/or certificates

Mr F Osman
Acting Chief Executive Officer

Effective Date: 23 June 2025
Certificate Expires: 19 September 2027

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ANNEXURE A

SCOPE OF ACCREDITATION

TIME AND FREQUENCY METROLOGY

Accreditation Number: CAL 066-05-00

Permanent Address of Laboratory: Rapid Instrumentation (Pty) Ltd 38, 1 st Avenue, Boston Bellville 7530 Postal Address: PO Box 1050 Oakdale 7535 Tel: +27 21 948 0413/17/19 Fax: +27 21 948 0435 E-mail: laboratory@rapidza.co.za		Technical Signatories: Mr C Sherratt Mr D Honiball Nominated Representative: Mr D Theunissen Issue No.: 01 Date of Issue: 23 June 2025 Expiry Date: 19 September 2027		
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ($\pm$)	METHOD/ PROCEDURE
3	Time Interval			
3.4	Time Interval Meter			
3.4.1	Stop watch & timers	1 s to 86 400 s	0.2 s	Direct measurement of the time interval using a reference frequency standard or calibrated timer.
5	Rotational Speed			
5.1	Medical, Laboratory and Industrial Centrifuges	100 RPM to 999 RPM 1 000 RPM to 15 000 RPM	1 RPM $1.3 \times 10^{-3} \times \text{RPM}$	Calibration by direct measurement using a reference tachometer.
5.2	Contact Tachometers	10 RPM to 999 RPM 1 000 RPM to 6 000 RPM	0.9 RPM 3 RPM	Calibration by direct measurement using a reference tachometer or rotational speed generator.
5.3	Non – Contact Optical Tachometers	6 RPM to 999 RPM 1 000 RPM to 90 000 RPM	0.6 RPM $1.6 \times 10^{-4} \times \text{RPM}$	Comparison against a frequency standard or rotational speed generator
5.6	Other Rotational Devices	100 RPM to 999 RPM 1 000 RPM to 15 000 RPM	1 RPM $1.3 \times 10^{-3} \times \text{RPM}$	Calibration by direct measurement using a reference tachometer
7	On-site calibration for items 5.1 & 5.6			

Original Date of Accreditation: 23 June 2025

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The CMC, expressed as an expanded uncertainty of measurement, is stated as the standard uncertainty of measurement multiplied by a coverage factor $k = 2$, corresponding to a confidence level of approximately 95%

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM


Accreditation Manager

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