

CERTIFICATE OF ACCREDITATION

NATIONAL MICROBIOLOGY REFERENCE LABORATORY CALIBRATION DEPARTMENT

Registration No: LA 5299

Facility Accreditation Number: CAL- 15 004

is a SADCAS accredited Calibration Laboratory
provided that all SADCAS conditions are complied with

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

TIME & FREQUENCY METROLOGY

The facility is accredited in accordance with the recognized International Standard

ISO/IEC 17025:2017

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

*SADCAS is a subsidiarity organization of SADC. A memorandum of understanding between SADC and
SADCAS serves as the basis for the recognition of SADCAS by SADC Member States
as a multi-economy accreditation body*

Pinkie J Malebe
For SADCAS Chief Executive Officer

Effective Date (Issue No: 1): 10 July 2026
Certificate Expires: 09 July 2031

ANNEXURE A

SCHEDULE OF ACCREDITATION

TIME & FREQUENCY METROLOGY

Laboratory Accreditation Number: **CAL-15 004 (ISO/IEC 17025:2017)**

<u>Permanent Address of Laboratory</u> National Microbiology Reference Laboratory Calibration Department Sally Mugabe Central Hospital 2 nd Floor, New Laboratory Complex Harare Zimbabwe		<u>Technical Signatories</u> : Mr R Chikwanha (All Items) Ms N Nelia Kativu (All items) Mr A Bgwire (All items)		
<u>Postal Address</u> P O Box ST 749 Southerton Harare Zimbabwe		<u>Nominated Representative</u> : Mr R Chikwanha		
<u>Tel</u> : +263242668188 <u>Cell</u> : +263777354124 <u>Fax</u> : <u>Email</u> : chikwanhar@nmrl.org.zw		<u>Issue No</u> : 01 <u>Date of Issue</u> : 10 July 2026 <u>Expiry Date</u> : 09 July 2031		

ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD/ PROCEDURE	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)
1	Time & Frequency			
1.1	Rotational Speed	Internal: CAL02 Reference: SANAS TR45	1000 to 15000 rpm	2 to 5 rpm
2	Time	Internal: CAL03 Reference: SANAS TR20	120s to 1200s	0.36 to 0.41s

Original date of accreditation: 10 July 2026

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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%.

Victor R Mundembe
For SADCAS Technical Manager