

CERTIFICATE OF ACCREDITATION

MALAWI BUREAU OF STANDARDS (METROLOGY)

Established by Malawi Bureau of Standards Act (Cap 51:02)

Facility Accreditation Number: CAL-14 014

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

TEMPERATURE 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 subsidiary 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
Acting Chief Executive Officer

Effective Date (Issue No: 1): 28 May 2026
Certificate Expires: 22 January 2029

ANNEXURE A

SCHEDULE OF ACCREDITATION

TEMPERATURE METROLOGY

Laboratory Accreditation Number: **CAL-14 014 (ISO/IEC 17025:2017)**

Permanent Address of Laboratory Malawi Bureau of Standards Metrology Services Department Ali Hassan Mwinyi Road Blantyre Malawi Postal Address P O Box 946 Blantyre Malawi Tel : +265 1870 488 Cell : +265 88 071 6329/99 278 5826 Fax : +265 1870 488 Email : crightonmarorongwe@mbsmw.org stephencialimba@mbsmw.org agnesskhembo@mbsmw.org		Technical Signatories : Ms A Khembo (All items) Mr I Lemison (All items) Mr E Maonga (All items) Nominated Representative : Dr S Chalimba Issue No : 01 Date of Issue : 28 May 2026 Expiry Date : 22 January 2029		
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)
1	Temperature Resistance Thermometer (PRTs)	Internal: MOP 010 Reference: SADCAS TR 26	-35 °C to 0 °C 0 °C to 90 °C 90 °C to 280 °C 280 °C to 600 °C	1.0°C 0.4°C 1.0°C 1.5°C
2	Liquid in Glass Thermometry	Internal: MOP 011 Reference: SADCAS TR 26	-35 °C to 0 °C 0 °C to 90 °C 90 °C to 150°C	0.5°C 0.5°C 0.5°C
3	Ice Point Reference	Internal: MOP 012	0,0 °C	0.05°C
4	Mechanical (Dial Gauge) Thermometers	Internal: MOP 010 Reference: SADCAS TR 26	35 °C to 0 °C 0°C to 90°C 90°C to 280°C 280°C to 600°C	1.0 °C 1.0 °C 2.6 °C 2.6 °C

ANNEXURE A

Laboratory Accreditation No: CAL-14 014 (ISO/IEC 17025:2017)

Issue No: 01

Date of Issue: 28 May 2026

Date of Expiry: 22 January 2029

ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ($\pm$)
5	Noble Metal Thermocouples (Type R)	Internal: MOP 010 Reference: SADCAS TR 26	+200 °C to 1300°C	2.6 °C
6	Base Metal Thermocouple (Type K)	Internal: MOP 010 Reference: SADCAS TR 26	200 °C to 1300 °C	2.6 °C
7	Temperature Installations	Internal: MOP 013 Reference: SADCAS TR 26	-80 °C to 0 °C 0 °C to 10 °C 10 °C to 40 °C 50 °C to 300 °C	2.0 °C 2.0 °C 1.0 °C 1.2 °C

Original date of accreditation: 28 May 2026

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Victor R Mundembe
For SADCAS Technical Manager