CERTIFICATE OF ACCREDITATION

MALAWI BUREAU OF STANDARDS (METROLOGY)

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

Facility Accreditation Number: CAL-8 008

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

MASS 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

Eve Christine Gadzikwa
SADCAS Chief Executive Officer

Date of Renewal of Accreditation: 23 January 2024
Effective Date (Issue No: 1): 23 January 2024
Certificate Expires: 22 January 2029

ANNEXURE A

SCHEDULE OF ACCREDITATION

MASS METROLOGY

Laboratory Accreditation Number: CAL-8 008 (ISO/IEC 17025:2017)

Permanent Address of Laboratory
Malawi Bureau of Standards
Metrology Services Department
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Malawi

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Technical Signatories : Mr T M Munkhondya (All items)
Mr S Nelson (Item 1)
Mr L Katungwe (Item 2)
Mr R Makhole (All items)
Ms A P Kembo (All items)
Mr I Lemison (All items)

Nominated Representative : Dr S Chalimba

Deputy Nominated Representative : Mr C Marorongwe

Issue No : 03
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	Electronic Balances	Internal: MOP 003 Reference: SADCAS TR 15 and SADCAS TR 16	0 g – 6000 g	0.0005% + d
2	Mass Pieces	Internal: MOP 002 Reference: SADCAS TR 15 and SADCAS TR 16	1 mg 2 mg 5 mg 10 mg 20 mg 50 mg 100 mg 200 mg 500 mg	0.04 mg 0.04 mg 0.04 mg 0.06 mg 0.07 mg 0.08 mg 0.11 mg 0.14 mg 0.17 mg

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%.

ANNEXURE A

Laboratory Accreditation No: CAL-8 008 (ISO/IEC 17025:2017)
Issue No: 03
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 (±)
2	Mass Pieces	Internal: MOP 002 Reference: SADCAS TR 15 and SADCAS TR 16	1 g 2 g 5 g 10 g 20 g 50 g 100 g 200 g 500 g 1000 g 2000 g	0.20 mg 0.27 mg 0.34 mg 0.40 mg 0.54 mg 0.67 mg 1.07 mg 2.00 mg 5.40 mg 10.70 mg 20.00 mg

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