

CERTIFICATE OF ACCREDITATION

BOTSWANA BUREAU OF STANDARDS (INDUSTRIAL METROLOGY UNIT)

Established by the Standards Act No. 16 of 1995

Facility Accreditation Number: CAL-2 001

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

DIMENSIONAL 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*

Mrs Maureen P Mutasa
SADCAS Chief Executive Officer

Date of Renewal of Accreditation: 30 May 2021
Effective Date (Issue No: 1): 30 May 2021
Certificate Expires: 29 May 2026

ANNEXURE A SCHEDULE OF ACCREDITATION

DIMENSIONAL METROLOGY

Laboratory Accreditation Number: CAL-2 001 (ISO/IEC 17025:2017)

<p>Permanent Address of Laboratory Botswana Bureau of Standards Industrial Metrology Unit Main Airport Road, Plot 55745 Block 8, Gaborone Botswana</p> <p>Postal Address Private Bag BO 48 Gaborone Botswana</p> <p>Tel : +267 390 3200/364 5651 Cell : +267 71 384 114 Fax : +267 390 3120 Email : kajane@bobstandards.bw</p>	<p>Technical Signatories : Mr M Kame (All items) Mr P Ntima (All items)</p> <p>Nominated Representative : Mr T S Kajane</p> <p>Issue No : 02 Date of Issue : 15 November 2023 Expiry Date : 29 May 2026</p>			
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)
2 2.3 2.3.9	LINEAR DIMENSIONS Line Standards Engineers Steel Rule	Internal: IM/MC/TP02 Reference: SANAS TR 10	0 to 1000 mm	0.58 mm
6 6.1 6.1.1	VARIOUS DIMENSIONAL Hand Instruments External Micrometers	Internal: IM/MC/TP05 Reference: SANAS TR 10	0 to 300 mm	5.3 μ m
6.1.4	Caliper (Electronic & Vernier)	Internal: IM/MC/TP04 Reference: SANAS TR 10	0 to 500 mm	3.2 μ m
6.1.8	Dial Gauge	Internal: IM/MC/TP06 Reference: SANAS TR 10	0 to 50 mm	3.8 μ m

Original date of accreditation: 03 December 2015

Page 1 of 1

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%.

Pinkie J Malebe
SADCAS Technical Manager