

CERTIFICATE OF ACCREDITATION

BOTSWANA BUREAU OF STANDARDS (INDUSTRIAL METROLOGY UNIT)

Established by the Standards Act No. 16 of 1995

Facility Accreditation Number: CAL-5 005

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

FORCE 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*



Eve Christine Gadzikwa
SADCAS Chief Executive Officer

Effective Date (Issue No: 1): 30 May 2026

Certificate Expires: 29 May 2031

ANNEXURE A

SCHEDULE OF ACCREDITATION

FORCE METROLOGY

Laboratory Accreditation Number: **CAL-5 005 (ISO/IEC 17025:2017)**

Permanent Address of Laboratory Botswana Bureau of Standards Industrial Metrology Unit Plot 55745, Block 8, Airport Road Gaborone Botswana		Technical Signatories : Mr P Ntima (All items)		
Postal Address Private Bag BO48 Gaborone Botswana		Nominated Representative : Mr T S Kajane		
Tel : +267 390 3200/364 5651 Fax : +267 390 3120 Cell : +267 71 384 114 Email : kajane@bobstandards.bw ;		Issue No : 01 Date of Issue : 30 May 2026 Expiry Date : 29 May 2031		
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ($\pm$)
1	Compression Machine (Uniaxial)	Internal: IM/FC/TP01 Reference: SANAS TR 42 SANAS TR 43	0 – 200 kN 200 – 400 kN 400 – 600 kN 600 – 800 kN 800 – 1200 kN 1200 – 1600 kN 1600 – 2000 kN	2.04% 1.13% 0.83% 0.68% 0.59% 0.51% 0.42%

Original date of accreditation: 30 May 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%.



Pinkie J Malebe
SADCAS Technical Manager