

CERTIFICATE OF ACCREDITATION

SCIENTIFIC & INDUSTRIAL RESEARCH AND DEVELOPMENT CENTRE NATIONAL METROLOGY INSTITUTE

Company Registration No.10022360

Facility Accreditation Number: CAL-2 003

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*

Pinkie J Malebe
SADCAS Technical Manager

Date of Renewal of Accreditation: 13 June 2022

Effective Date (Issue No: 1): 13 June 2022

Certificate Expires: 12 June 2027

ANNEXURE A

SCHEDULE OF ACCREDITATION

DIMENSIONAL METROLOGY

Laboratory Accreditation Number: **CAL-2 003(ISO/IEC 17025: 2017)**

<p>Permanent Address of Laboratory Scientific & Industrial Research and Development Centre National Metrology Institute 1574 Alpes Road, Hatcliffe Harare Zimbabwe</p> <p>Postal Address P O Box 6640 Harare Zimbabwe</p> <p>Tel : +263 242860346 Cell : +263 712864053 Fax : +263 242860350 Email : echaazi@gmail.com mathewranganai@yahoo.com mranganai@sirdc.ac.zw bchibaya@sirdc.ac.zw</p>		<p>Technical Signatories : Mr B P Gandah (All Items) Mr M R Mubaiwa (Item 6)</p> <p>Nominated Representative : Mr E Chaazi Mr B Chibaya</p> <p>Issue No : 01 Date of Issue : 13 June 2022 Expiry Date : 12 June 2027</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	Linear Dimensions			At SIRDC-NMI
2.3	Line Standards			
2.3.1	Precision line Scale	Internal: DP06 Reference: SADCAS TR20; CCL/WG-MRA/GD5	0 to 1000 mm	70 μ m
2.3.9	Engineers or Machinist Scale, Steel	Internal: DP06 Reference: SADCAS TR20; CCL/WG-MRA/GD5	0 to 1000 mm	70 μ m

Original date of accreditation: 15 March 2012

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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%.

ANNEXURE A

Laboratory Accreditation No: CAL-2 003 (ISO/IEC 17025: 2017)

Issue No: 01

Date of Issue: 13 June 2022

Date of Expiry: 12 June 2027

ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)
6	Various Dimensional			At SIRDC-NMI
6.1	Hand Instruments			
6.1.1	External Micrometers	Internal: DP01 Reference: SADCAS TR20; BS870; ISO 3611	0 to 100 mm	(1,2 + 0,021L) μ m L specified in mm i.e. 1,20 to 3,30 μ m
6.1.4	Caliper - vernier and digital	Internal: DP02 Reference: SADCAS TR20; ISO3599; ISO6906	0 to 150 mm	13 μ m
6.1.8	Dial gauge - dial and digital	Internal: DP03 Reference: SADCAS TR20; ISO463	0 to 10 mm	2 μ m

Original date of accreditation: 15 March 2012

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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