

CERTIFICATE OF ACCREDITATION

ZAMBIA METROLOGY AGENCY

Established by The Metrology Act No. 6 of 2017

Facility Accreditation Number: CAL-12 004

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

PRESSURE 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*

Ms Eve C Gadzikwa
SADCAS Chief Executive Officer

Date of Renewal of Accreditation 10 October 2023
Effective Date (Issue No: 1): 10 October 2023
Certificate Expires: 09 October 2028

ANNEXURE A

SCHEDULE OF ACCREDITATION

PRESSURE METROLOGY

Laboratory Accreditation Number: **CAL-12 004 (ISO/IEC 17025:2017)**

<p><u>Permanent Address of Laboratory</u> Zambia Metrology Agency Plot 4526, Lechwe House Freedom Way, South End Lusaka Zambia</p> <p><u>Postal Address</u> P O Box 30989 Lusaka Zambia</p> <p><u>Tel</u> : +260 21 122 2294 <u>Cell</u> : +260 97 777 6062 <u>Fax</u> : +260 21 122 2297 <u>Email</u> : Natasha.sichone@zma.org.zm Mwiya.Nyambe@zma.org.zm Fredrick.Hamutunda@zma.org.zm</p>		<p><u>Technical Signatories</u> : Mr L Chiyang'a (All items) Mr I Kangwa (All items)</p> <p><u>Nominated Representative</u> : Mr M Nyambe Ms N M Sichone</p> <p><u>Issue No</u> : 01 <u>Date of Issue</u> : 10 October 2023 <u>Expiry Date</u> : 09 October 2028</p>		
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)
3.2	Pressure Gauge			
3.2.1	Pneumatic	Internal: <i>MOP 151</i> Reference: <i>SADCAS TR 22</i>	0 to 700 kPa	0.3 kPa
3.2.1	Hydraulic	Internal: <i>MOP 152 / MOP 157</i> Reference: <i>SADCAS TR 22</i>	0.1 to 100 MPa	0.01 MPa

Original date of accreditation: 23 April 2019

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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