

# 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*

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**Mrs Pinkie J Malebe**  
**For Chief Executive Officer**

**Effective Date (Issue No: 1): 2 September 2022**  
**Certificate Expires: 22 April 2024**

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

#### PRESSURE METROLOGY

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

<p><b>Permanent Address of Laboratory</b> Zambia Metrology Agency Plot 4526, Lechwe House Freedom Way, South End Lusaka Zambia</p> <p><b>Postal Address</b> P O Box 30989 Lusaka Zambia</p> <p><b>Tel</b> : +260 211 222 294 <b>Cell</b> : +260 977 776 062 <b>Fax</b> : +260 211 222 297 <b>Email</b> : <a href="mailto:Natasha.sichone@zma.org.zm">Natasha.sichone@zma.org.zm</a> <a href="mailto:Fredrick.Hamutunda@zma.org.zm">Fredrick.Hamutunda@zma.org.zm</a></p>		<p><b>Technical Signatories</b> : Mr L Chiyang'a (All items) Mr I Kangwa</p> <p><b>Nominated Representative</b> : Mr D M Mutale Ms N Sichone</p> <p><b>Issue No</b> : 02 <b>Date of Issue</b> : 23 March 2023 <b>Expiry Date</b> : 22 April 2024</p>		
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)
3.2	Pressure Gauge			
3.2.1	Pneumatic	Internal: <i>MOP 151</i> Reference: <i>SADCAS TR 22</i>	0 to 100 kPa	0.3 kPa
3.2.1	Hydraulic	Internal: <i>MOP 152</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%.

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**Pinkie J Malebe**  
**SADCAS Technical Manager**