



## CERTIFICATE OF ACCREDITATION

*In terms of section 22(2) (b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-*

**SA GAUGE (PTY) LTD**  
**Co. Reg. No.: 2003/017040/07**  
**PRESSURE CALIBRATION LABORATORY**

Accreditation Number: **245**

is a South African National Accreditation System Accredited Calibration Laboratory  
provided that all SANAS conditions and requirements are complied with

This certificate is valid as per the scope as stated in the accompanying scope of accreditation,  
Annexure "A", bearing the above accreditation number for

### **PRESSURE METROLOGY**

The facility is accredited in accordance with the recognised International Standard

**ISO/IEC 17025:2017**

The accreditation demonstrates technical competency for a defined scope and the operation of a  
laboratory quality management system

While this certificate remains valid, the Accredited Facility named above is authorised to  
use the relevant SANAS accreditation symbol to issue facility reports and/or certificates.

A handwritten signature in black ink, appearing to read 'T Baleni', is written over a horizontal line.

**Mr T Baleni**  
**Acting Chief Executive Officer**

**Effective Date: 15 March 2023**  
**Certificate Expires: 14 March 2028**



## ANNEXURE A

## SCOPE OF ACCREDITATION

## PRESSURE METROLOGY

Accreditation Number: 245

<b>Permanent Address of Laboratory:</b> SA Gauge (Pty) Ltd Pressure Calibration Laboratory 8 Beechfield Crescent Springfield Park Durban 4051		<b>Technical Signatories:</b> Mr R Reinach Ms M du Plessis		
<b>Postal Address:</b> P O Box 22369 Glen Ashley 4022		<b>Nominated Representative:</b> Mr R Reinach		
Tel: (031) 579 -2216 Fax: (031) 579-2301 E-mail: <a href="mailto:riaan@sagauge.com">riaan@sagauge.com</a>		Issue No.: 14 Date of issue: 15 March 2023 Expiry date: 14 March 2028		
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ( $\pm$ )	METHOD / PROCEDURE
3.2	<b>Gauge Pressure</b>			
3.2.1	Gas Medium <ul style="list-style-type: none"> <li>• Pressure Gauge</li> <li>• Pressure Transducer</li> </ul>	- 100 kPa to 0 kPa 0 kPa to 7 kPa 7 kPa to 70 kPa 70 kPa to 7 000 kPa 7 MPa to 20 MPa	$\pm 0,075 \% + 25 \text{ Pa}$ $\pm 0,05 \% + 3,0 \text{ Pa}$ $\pm 0,10 \%$ $\pm 0,05 \%$ $\pm 0,10 \%$	Calibration against a reference pressure transducer or gauge.
3.2.2	Liquid Medium <ul style="list-style-type: none"> <li>• Pressure Gauge</li> <li>• Pressure Transducer</li> </ul>	600 kPa to 7 000 kPa 7 MPa to 100 MPa 100 MPa to 250 MPa	$\pm 0,05 \%$ $\pm 0,05 \%$ $\pm 0,30 \%$	Calibration against a reference pressure transducer or gauge.
4	On-Site Calibration for items 3.2			

Original date of accreditation: 29 February 2008

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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%

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM


  
**Accreditation Manager**