

# **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:-*

**PJB CONTRACTING CC**  
**Co. Reg. No.: 1993/011192/23**  
**TRADING AS**  
**CALIBRATE @ PJB**

Accreditation Number: **218**

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

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**Mr R Josias**  
**Chief Executive Officer**

**Effective Date: 24 October 2019**  
**Certificate Expires: 23 October 2024**

## ANNEXURE A

## SCOPE OF ACCREDITATION

### PRESSURE METROLOGY

Facility Number: 218

<b>Permanent Address of Laboratory:</b> PJB Contracting CC 5 Platberg Avenue Van Riebeeck Park Kempton Park 1619  <b>Postal Address:</b> P O Box 9314 Edleen 1625  Tel: (011) 972-3798 Fax: 086 674 9980 E-mail: <a href="mailto:info@calibratepjb.co.za">info@calibratepjb.co.za</a>		<b>Technical Signatories:</b> Mr DJ van Rooyen Mr MK Smuts  <b>Nominated Representative:</b> Mr PH Burmeister  Issue No.: 12 Date of Issue: 24 October 2019 Expiry Date: 23 October 2024		
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ( $\pm$ )	METHOD/ PROCEDURE
3.1	<b>Absolute Pressure</b>			
3.1.1	Gas Medium • Pressure Gauge • Pressure Transducers	0,4 kPa to 200 kPa ( $\pm$ 0 in Hg to 60 in Hg)	$\pm$ 0,52 kPa	Calibration by comparison with a reference barometer
3.2	<b>Gauge Pressure</b>			
3.2.1	Gas Medium • Pressure Gauge • Pressure Transducers	0 kPa to 2,5 kPa -100 kPa to 102 kPa ( $\pm$ -30 in Hg to 30 in Hg)  102 kPa to 21 MPa ( $\pm$ 30 psi to 3 000 psi)	3,0 Pa 0,08 kPa  0,4 % + 0,2 kPa	Calibration by comparison against a reference pressure transducer or gauge
3.2.2	Liquid Medium • Pressure Gauge • Pressure Transducers	140 kPa to 35 MPa ( $\pm$ 20 psi to 5 000 psi)	0,4 % + 0,2 kPa	Calibration against pressure balance or reference pressure transducer or gauge
4	On-site Calibration for items 3.2 above			

Original Date of Accreditation: 01 May 2005

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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**