

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: **818**

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

FORCE 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

Mr R Josias
Chief Executive Officer

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

ANNEXURE A

SCOPE OF ACCREDITATION

FORCE METROLOGY

Facility Number: 818

Permanent Address of Laboratory: PJB Contracting CC 5 Platberg Avenue Van Riebeeck Park Kempton Park 1619 Postal Address: P O Box 9314 Edleen 1625 Tel: (011) 972-3798 Fax: 086 674 9880 E-mail: info@calibratepjb.co.za		Technical Signatory: Mr DJ van Rooyen Nominated Representative: Mr PH Burmeister Issue No.: 06 Date of Issue: 12 December 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
4	FORCE			
4.1	TENSION			
4.1.2	Strain determination Equipment Cable Tension Meter	12 kgf to 45 kgf (30 to 100 lbf) 45 kgf to 140 kgf (100 to 300 lbf)	± 4 % of reading ± 2 % of reading	Calibration by comparison to a reference transducer or deadweight
5	TORQUE			
5.2	TORQUE GENERATING DEVICES			
5.2.1	Torque Wrenches	1,2 N•m to 400 N•m	$\pm 2,0$ % of reading	Direct comparison against a reference standard in a Torque Rig
5.2.2	Torque Screwdrivers	0,2 N•m to 10 N•m	3,0 % of reading + 0,01 N•m	Direct comparison against a reference transducer

Original Date of Accreditation: 29 July 2015

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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