

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:-

DIMENSIONAL AND TORQUE LABORATORIES CC **Co. reg no: 1996/061179/23**

Facility Accreditation Number: **837**

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 schedule 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 17025:2005

*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
Acting Chief Executive Officer

Effective Date: 31 March 2008
Certificate Expires: 31 March 2013

ANNEXURE A

SCHEDULE OF ACCREDITATION

FORCE METROLOGY

Laboratory Accreditation Number: 837

Permanent Address of Laboratory: Dimensional & Torque Laboratories cc Unit 14 Heron Park Southgate Industrial Park Moss Kolnik Drive Umbogintwini		Technical Signatories : Mr BF Venter	
Postal Address: PO Box 30695 Mayville 4058		Nominated Representative : Mr BF Venter	
Tel : (031) 914-0313 Fax : (031) 914-0314 E-mail : barend.venter@vodamail.co.za		Issue No. : 09 Date of Issue : 19 November 2009 Expiry Date : 31 March 2013	
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)
4.0 FORCE			
4.1	Tension		
4.1.1	Strain Determination Equipment Cable Tensiometers	0 to 500 lbf	± 7 lbf
5.0 TORQUE			
5.1.2	Torque Generating Devices		
5.1.2.1	Wrenches	1 to 20 Nm 20 to 1 350 Nm	$\pm 3,5$ % of reading $\pm 0,25$ % of reading
5.1.2.2	Screwdrivers	1 to 20 Nm 20 to 50 Nm	$\pm 3,5$ % of reading $\pm 0,25$ % of reading

Original date of accreditation: 1994

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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

Field Manager