



## **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:-*

**TORQUE TOOL (PTY) LTD**

**Co. Reg. No.: 1980/006505/07**

Facility Accreditation Number: **817**

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

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

**Effective Date: 30 January 2012**  
**Certificate Expires: 30 January 2017**



## ANNEXURE A

## SCHEDULE OF ACCREDITATION FORCE METROLOGY

Facility Number: 817

<p><b>Permanent Address of Laboratory:</b> Torque Tool (Pty) Ltd 34 Jules Street Jeppes town Johannesburg</p> <p><b>Postal Address:</b> PO Box 261546 Excom 2023</p> <p>Tel: (011) 624-2511 Fax: (011) 624-2427 E-mail: <a href="mailto:lab@torquetool.co.za">lab@torquetool.co.za</a></p>	<p><b>Technical Signatories:</b> Mr D Poerner Mr B Reynolds</p> <p><b>Nominated Representative:</b> Mr B Reynolds</p> <p>Issue No.: 12 Date of Issue: 05 August 2013 Expiry Date: 30 January 2017</p>		
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ( $\pm$ )
<b>5.1 Torque</b>			
<b>5.1.1</b>	<b>Torque Measuring Devices</b>		
5.1.1.1	Torque Transducers	0,01 to 0,5 Nm 0,5 to 1 500 Nm	$\pm 0,04$ % of reading $\pm 0,02$ % of reading
5.1.1.3	Torque Calibration Analysers	0,01 to 1 500 Nm	$\pm 0,04$ % of reading
<b>5.1.2</b>	<b>Torque Generating Devices</b>		
5.1.2.1	Torque Wrenches	0,001 to 5 000 Nm	$\pm 0,25$ % of reading
5.1.2.2	Torque Screwdrivers	0,001 to 50 Nm	$\pm 0,25$ % of reading
5.1.2.7	Closure Meters	0,001 to 50 Nm	$\pm 0,5$ % of reading

Original Date of Accreditation: 01 June 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**

