

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:-

**DENEL DYNAMICS
A DIVISION OF
DENEL (PTY) LTD
Co. reg no: 1992/001337/07**

Facility Accreditation Number: **809**

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: 809

<p><u>Permanent Address of Laboratory:</u> Denel Dynamics Mechanical Laboratory Old Production Building Nellmapius Drive Irene</p> <p><u>Postal Address:</u> P O Box 7412 Centurion 0046</p> <p>Tel : (012) 671-2614 Fax : (012) 675-2614 E-mail : sdumo.hlope@deneldynamics.co.za</p>		<p><u>Technical Signatories</u> : Mr NW Nkosi</p> <p><u>Nominated Representative</u> : Mr S Hlope</p> <p>Issue No. : 10 Date of issue : 17 November 2009 Expiry date : 31 March 2013</p>	
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)
4.0	TORQUE TESTING EQUIPMENT		
4.1	Wrenches	0 Nm to 500 Nm	0,2 % + 1 digit
4.2	Screwdrivers	0 Nm to 10 Nm	0,2 % + 1 digit

Original date of accreditation: 1988

Page 1 of 1

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