

# **CERTIFICATE OF ACCREDITATION**

This is to certify that:

## **CALEDONIAN TECHNICAL SERVICES (PTY) LTD**

Facility Accreditation Number: **821**

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 on the accompanying schedule of accreditation bearing the above accreditation number for

## **TORQUE METROLOGY**

The facility complies with the general requirements of

### **ISO/IEC 17025:2005**

*This accreditation demonstrates technical competency for a defined scope and the operation of a laboratory quality management system and shall remain in force subject to continuing compliance with SANAS accreditation criteria, ISO/IEC 17025:2005 and any further requirements specified by SANAS*

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 MA Peet**  
**Chief Executive Officer**

**Effective Date: 08 January 2009**  
**Certificate Expires: 30 April 2013**

*"Recognised as the official national accreditation body by the Department of Trade and Industry of the Republic of South Africa"*

# SCHEDULE OF ACCREDITATION

## TORQUE METROLOGY

Laboratory Accreditation Number: 821

<p><b>Permanent Address of Laboratory:</b>                  Caledonian Technical Services (Pty) Ltd                  No.3 Indi Park                  20 The Avenue East                  Prospecton                  Durban                  4110</p> <p><b>Postal Address:</b>                  P O Box 1959                  Linkhills                  3652</p> <p>Tel : (031) 902-1455                  Fax : (031) 902-1564                  E-mail : <a href="mailto:admin@yokotasa.co.za">admin@yokotasa.co.za</a></p>	<p><b>Technical Signatories</b> : Mr V Chinthapersad                  : Mr K Visagie                  : Mr N Anthony</p> <p><b>Nominated Representative</b> : Mr L Scholtz</p> <p>Issue No. : 07                  Date of issue : 08 January 2009                  Expiry date : 30 April 2013</p>		
ITEM	FUNCTION	NOMINAL RANGE	MEASUREMENT CAPABILITIES EXPRESSED AS AN UNCERTAINTY ( $\pm$ )
5.0	TORQUE		
5.1.2	Torque Generating Devices		
5.1.2.1	Torque Wrenches	3,6 to 36 Nm 36 to 360 Nm 360 to 700 Nm	4,1 Nm 8,4 Nm 14,2 Nm
5.1.2.2	Torque Screwdrivers	3,6 to 36 Nm	4,1 Nm

Original date of accreditation: 30 September 2003

Page 1 of 1

The MC, 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**