

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:-

ADI SCIENTIFIC (PTY) LTD
Co. reg no: 1996/01576/07
TRADING AS
ADVANCED LABORATORY SOLUTIONS

Facility Accreditation Number: **827**

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 July 2007
Certificate Expires: 31 July 2012

ANNEXURE A

SCHEDULE OF ACCREDITATION

FORCE METROLOGY

Laboratory Accreditation Number: 827

Permanent Address of Laboratory: ADI Scientific (Pty) Ltd T/A Advanced Laboratory Solutions 370 Angus Crescent Northlands Business Park 29 Newmarket Road Randburg		Technical Signatories : Mr I Ramsay	
Postal Address: P O Box 71295 Bryanston 2021		Nominated Representative : Mr I Ramsay	
Tel : (011) 462-1363 Fax : (011) 462-1466 Cell : 083 252 6757 E-mail : ramsayi@advancedlab.co.za		Issue No. : 07 Date of Issue : 10 November 2009 Expiry date : 31 July 2012	
ITEM	FUNCTION	NOMINAL RANGE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)
2.0	FORCE TESTING EQUIPMENT		
2.1	Testing and Manufacturing Machines		
	Compression and Tension	0,5 N to 150 N	0,01 %
	Compression and Tension	150 N to 1 kN	1,00 %
	Compression and Tension	1 kN to 5 kN	0,12 %
	Compression and Tension	5 kN to 20 kN	0,16 %
	Compression and Tension	20 kN to 100 kN	0,35 %
	Compression	100 kN to 600 kN	0,38 %
2.7	Extension / Displacement	20 mm to 1 000 mm	0,58 %
	Speed	1 mm/min to 500 mm/min	0,58 %
	Strain Measurement	Up to 50 mm	0,005mm + 0,5 %
9.0	ON SITE ACCREDITATION		
On-site calibration for item 2.1 and 2.7			

Original date of accreditation: 01 August 2002

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