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:-

NELSON MANDELA UNIVERSITY

ENTSA TESTING LABORATORY

Facility Accreditation Number: **T0888**

is a South African National Accreditation System accredited facility
provided that all 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

MECHANICAL TESTING

The facility is accredited in accordance with the recognised International Standard

ISO/IEC 17025:2017

The accreditation demonstrates technical competency for a defined scope and the operation of a quality management system

While this certificate remains valid, the Accredited Facility named above is authorised to use the relevant accreditation symbol to issue facility reports and/or certificates

Mr R Josias
Chief Executive Officer

Effective Date: 17 September 2019
Certificate Expires: 16 September 2024

ANNEXURE A

SCHEDULE OF ACCREDITATION

Facility Number: **T0888**

Permanent Address of Laboratory:
NELSON MANDELA UNIVERSITY
Entsa Testing Laboratory
North Campus, Gardham Avenue, E-Block, E016
Summerstrand, Port Elizabeth
6001

Technical Signatories:
Mr A Young
Mr W Pentz

Postal Address:
PO Box 77000
Port Elizabeth
6031

Nominated Representative:
Mrs N de Andrade

Tel: 041 504 3608
Fax: (041) 504 9123
E-mail: entsatesting@mandela.ac.za

Issue No.: 03
Date of Issue: 04 March 2020
Expiry Date: 16 September 2024

Materials / Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
MECHANICAL		
Metallic Materials	**Tensile Testing**	
	At room temperature Tensile testing up to 100 kN Determination of Ultimate tensile strength, yield strength, yield point elongation, 0.2% proof stress, % elongation	ASTM E8/E8M
	Hardness Testing	
	Brinell • 10/1000 HB • 10/3000 HB	ASTM E10
	Rockwell • HRBW • HRC	ASTM E18
	Vickers (Micro & Macro) • 0.1 HV • 0.3 HV • 0.5 HV • 5 HV • 10 HV	ASTM E384 ASTM E92

Original Date of Accreditation: 17 September 2019

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Accreditation Manager