



## 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:-*

**IMPLABS CC**

**Co. Reg. No.: 1996/060917/23**

Facility Accreditation Number: **T0862**

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 AND CHEMICAL 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

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

**Effective Date: 14 February 2019**  
**Certificate Expires: 13 February 2024**



ANNEXURE A  
**SCHEDULE OF ACCREDITATION**

Facility Number: **T0862**

**Permanent Address of Laboratory:**

Implabs CC  
 25 More Avenue  
 Benoni Ext 7  
 Benoni  
 1501

**Postal Address:**

PO Box 6850  
 Dunswart  
 1508

**Tel:** (011) 421 9026

**Fax:** 086 503 4722

**E-mail:** mark@implabs.co.za

**Cell No:** 082 925 8995

**Technical Signatory:**

Mr M Gertzen

**Nominated Representative:**

Mr M Gertzen

**Issue No.:** 03

**Date of Issue:** 21 October 2019

**Expiry Date:** 13 February 2024

Materials / Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
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**MECHANICAL**

**Metallic Materials**

**Tensile Testing**

At room temperature  
 Tensile testing up to 600 kN  
 Determination of tensile strength, yield strength (upper and lower), yield point elongation, 0,2% proof stress, elongation and area reduction

Tensile testing of metallic materials, ASTM E8/E8M-15, BS EN ISO 6892-10

**Impact Testing**

Determination of absorbed energy up to 300J

Impact testing of metallic materials, ASTM E23-16 and ISO 148-1-13

**Hardness Testing**

Determination of Brinell Hardness

Hardness testing of metallic material, ASTM E10 and ISO 6506-12

**Bend Testing**

Determination of fusion strength between weld metal and base metal

Bend tests based of Metallic material, ASME IX-15 AWS D1.1-15

**CHEMICAL ANALYSIS**

**Ferrous & Non-Ferrous Metals**

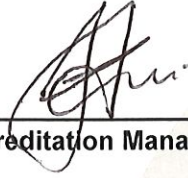
Laboratory spectrometric chemical analysis for determination of C, Mn, P, S, Cu, Ni, Cr, Mo, Nb, V, Al, As, B, Bi, Co, Si, Sn, Zr, Sb, Pb, Fe, Ti, and W by OES

Spectrometric analysis, ASTM E415-08

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Original Date of Accreditation: 14 February 2024

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM



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**Accreditation Manager**

