



## **CERTIFICATE OF ACCREDITATION**

This is to certify that

***LEGAL METROLOGY SERVICES***

*Calibration Laboratory No. C001*

is accredited by the ***Mauritius Accreditation Service (MAURITAS)***  
for the following Calibration field:

***MASS***

as per scope of schedule of accreditation

**THIS LABORATORY MEETS THE 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 MAURITAS accreditation criteria, ISO/IEC 17025:2005 and any further requirements specified by MAURITAS*

Issue Date: 29<sup>th</sup> August 2018

Director of MAURITAS

This certificate is valid only when accompanied by its schedule of Accreditation.

FIRST CERTIFICATE ISSUED ON 31 MAY 2010



**Schedule of Accreditation  
Laboratory No C001**

**Permanent Address of Laboratory:**

Legal Metrology Services  
Old Moka Road  
Bell Village  
Port Louis

**Postal Address:**

Legal Metrology Services  
Old Moka Road  
Bell Village  
Port Louis

**Tel No.:** (230) 208 1671/82

**Fax No.:** (230) 211 4543

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**Technical Signatories:**

Mrs. Shantah Umavassee  
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Mr. Saroj Kumar Callicharan  
Mr. Lovin Chintaram (M<sub>1</sub> Class)  
Mr. Rajiv Roomallah (M<sub>1</sub> Class)

**Issue No:** 03

**Expiry Date:** 28 August 2022

|           | <i>Measured Quantity of Type of Gauge or Instrument</i> | <i>Reference to standardized procedure</i> | <i>Range of Measured Quantity</i>   | <i>Calibration and Measurement Capabilities Expressed as an Uncertainty (<math>\pm</math>)</i>  |
|-----------|---|--|---|---|
| <b>I.</b> | <b>Mass</b>   |  |   |   |
| 1.        | Mass Pieces   | PROCAL_00<br>PROCAL_01<br>PROCAL_01A       | <u>F2 Class</u><br>1 mg<br>2 mg<br>5 mg<br>10 mg<br>20 mg<br>50 mg<br>100 mg<br>200 mg<br>500 mg<br>1 g<br>2 g<br>5 g<br>10 g<br>20 g<br>50 g<br>100 g to 20 kg | 0.020 mg<br>0.020 mg<br>0.020 mg<br>0.027 mg<br>0.033 mg<br>0.040 mg<br>0.053 mg<br>0.067 mg<br>0.083 mg<br>0.10 mg<br>0.13 mg<br>0.17 mg<br>0.20 mg<br>0.27 mg<br>0.33 mg<br>0.00050 % |

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%

|  | <i>Measured Quantity of Type of Gauge or Instrument</i> | <i>Reference to standardized procedure</i> | <i>Range of Measured Quantity</i>                 | <i>Calibration and Measurement Capabilities Expressed as an Uncertainty (<math>\pm</math>)</i> |
|--|---|--|---|--|
|  | Mass Pieces   | PROCAL_00<br>PROCAL_01B<br>PROCAL_02       | <u>M<sub>2-3</sub> Class</u><br>500 kg to 1000 kg | 0.010 %  |

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 Mauritius Accreditation Service (MAURITAS)

Date: 17 September 2018

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Director of MAURITAS