



ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

**Calibration Laboratory
Dysin International Ltd.**

**Skylark Point (11th Floor), 175 S.S Nazrul Islam Saronee
24/A, Bijoy Nagar, Dhaka**

This is to certify that this

Calibration Laboratory

is accredited in accordance with the international standard

ISO/IEC 17025:2005

in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number : **02.003.15**
Accreditation Date : **23 August 2015**
Date of Issuance : **29 January 2019**
Date of Expiration : **28 January 2022**



**Md. Monwarul Islam
Director General**

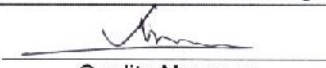
This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

SCOPE OF ACCREDITATION

CAB Name & Address: Calibration Laboratory, Dysin International Ltd.
 Skylark Point (11th Floor), 175 S.S. Nazrul Islam Soronee
 24/A, Bijoy Nagar, Dhaka – 1000, Bangladesh

Accreditation Standard: ISO/IEC 17025:2005 **Accreditation Date:** 23 Aug 2015
Certificate Number: 02.003.15 **Issued on:** 29 Jan 2019
Last Amended on: - **Valid until:** 28 Jan 2022
Amendment no: -

| S.N. | Measured quantity Instrument/Gauge | Reference to Method | Measurement range/value | Calibration Measurement Capabilities (CMC) expressed as expanded uncertainty U (k=2) (to be expressed in ±) |
|---|---------------------------------------|--|------------------------------|---|
| Field: Mechanical | | | | |
| 01 | Volume | MM/LG | 1 ml – 3000 ml | ± (0.04 – 2.5) ml |
| 02 | RPM | MM/SP | 10-100 rpm | ± 1 rpm |
| | RPM | MM/SP | 101-500 rpm | ± 3 rpm |
| | RPM | MM/SP | 501 – 3000 rpm | ± 5 rpm |
| | RPM | MM/SP | 3001 – 15000 rpm | ± 10 rpm |
| | RPM | MM/SP | 15001 – 30000 rpm | ± 20 rpm |
| | 03 | Rubbing Testing Machine (Dimension and weight) | MM/RT, MM/LM and MM/WS | Rectangular: (19 x 25.4 mm) ± 2 mm; |
| Cylinder type: (16 ± 0.1)mm; Length (104 ± 3)mm; | | | | |
| Weight: (917 ± 20.39) g | | | | ± 0.22g |
| 04 | Mass | MM/WS | 10 mg | ± 0.84 mg |
| | Mass | MM/WS | 20 mg | ± 0.84 mg |
| | Mass | MM/WS | *20 mg | ± 0.84 mg |
| | Mass | MM/WS | 50 mg | ± 0.84 mg |
| | Mass | MM/WS | 100 mg | ± 0.84 mg |
| | Mass | MM/WS | 200 mg | ± 0.84 mg |
| | Mass | MM/WS | *200 mg | ± 0.84 mg |
| | Mass | MM/WS | 500mg | ± 0.84 mg |
| | Mass | MM/WS | 1 g | ± 0.84 mg |
| | Mass | MM/WS | 2 g | ± 0.84 mg |
| | Mass | MM/WS | *2 g | ± 0.84 mg |
| | Mass | MM/WS | 5g | ± 0.84 mg |
| | Mass | MM/WS | 10 g | ± 0.84 mg |
| | Mass | MM/WS | 20 g | ± 0.84 mg |
| | Mass | MM/WS | *20 g | ± 0.84 mg |
| | Mass | MM/WS | 50 g | ± 0.84 mg |
| | Mass | MM/WS | 100 g | ± 1.0 mg |
| | Mass | MM/WS | 200 g | ± 2.0 mg |


 Quality Manager

SCOPE OF ACCREDITATION

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| S.N. | Measured quantity Instrument/Gauge | Reference to Method | Measurement range/value | Calibration Measurement Capabilities (CMC) expressed as expanded uncertainty U (k=2) (to be expressed in ±) |
|---|---------------------------------------|--------------------------|-----------------------------------|---|
| | Mass | MM/WS | *200 g | ± 2.0 mg |
| | Mass | MM/WS | 500 g | ± 7.0 mg |
| | Mass | MM/WS | 1 Kg | ± 0.022g |
| | Mass | MM/WS | 2 Kg | ± 1.0g |
| | Mass | MM/WS | *2 Kg | ± 1.0g |
| N.B.: * double reference standard of weight unit | | | | |
| 05 | Electronic Balance | MM/EB | (0 – 220) g; Readability≥ 1mg | ± 0.84 mg |
| | Electronic Balance | MM/EB | (220 – 3100) g; Readability≥ 10mg | ± 0.022g |
| Field: Thermal | | | | |
| 06 | Digital Thermometer | MM/TC and MM/CT202 | -20 - 200°C | ± 1.08°C |
| 07 | Irradiance | MM/CR20 | 0 – 1.30 w/m ² | ± 5.52% |
| Field: Electro-Technical | | | | |
| 08 | Time | MM/SW | 1 sec – 24 Hours | ± (0.2 – 22) sec |

END



Quality Manager