



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.

2/K, Road-04, Plot-19, Rupnagar I/A

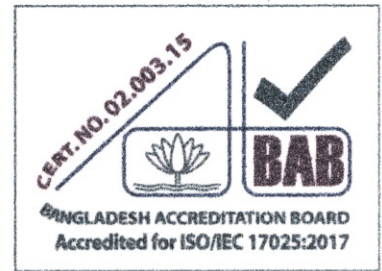
Mirpur, Dhaka-1216, Bangladesh

This is to certify that this
Calibration Laboratory

is accredited in accordance with the international standard
ISO/IEC 17025:2017

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 : **21 May 2023**
Date of Expiration : **28 January 2024**




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

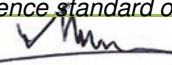
CAB Name & Address: Calibration Laboratory, Dysin International Ltd.
2/K, Road-04, Plot-19, Rupnagar I/A, Mirpur,
Dhaka-1216, Bangladesh.

Accreditation Standard: ISO/IEC 17025:2017
Certificate Number: 02.003.15
Last Amended on: -
Amendment no: -

Accreditation Date: 23 Aug 2015
Issued on: 21 May 2023
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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 ±)
Field: Mechanical				
01	Volume	MM/LG/01	1 ml – 3000 ml	± (0.04 – 2.5) ml
02	Micropipette	MM/MP/01	10µl - 1000µl	± 0.17 µl
03	RPM	MM/SP/01	05-100 rpm	± 1 rpm
			101-500 rpm	± 3 rpm
			501 – 3000 rpm	± 5 rpm
			3001 – 15000 rpm	± 10 rpm
			15001 – 30000 rpm	± 20 rpm
04	Mass	MM/WS/01	1 mg	± 0.84 mg
			2 mg	± 0.84 mg
			*2 mg	± 0.84 mg
			5 mg	± 0.84 mg
			10 mg	± 0.84 mg
			20 mg	± 0.84 mg
			*20 mg	± 0.84 mg
			50 mg	± 0.84 mg
			100 mg	± 0.84 mg
			200 mg	± 0.84 mg
			*200 mg	± 0.84 mg
			500mg	± 0.84 mg
			1 g	± 0.84 mg
			2 g	± 0.84 mg
			*2 g	± 0.84 mg
			5g	± 0.84 mg
			10 g	± 0.84 mg
			20 g	± 0.84 mg
			*20 g	± 0.84 mg
			50 g	± 0.84 mg
100 g	± 1.0 mg			
200 g	± 2.0 mg			
*200 g	± 2.0 mg			
500 g	± 7.0 mg			
1 Kg	± 0.022g			
2 Kg	± 1.0g			
*2 Kg	± 1.0g			
5 Kg	± 1.0g			
10 Kg	± 2.0g			
20 Kg	± 2.0g			

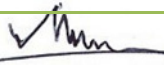
N.B.: * double reference standard of weight unit


Quality Manager

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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 ±)
05	Electronic Balance E2 & F1 class weight (Onsite and lab)	MM/EB/01	(0 – 220) g; Readability≥ 0.01mg	± 0.84 mg
			(0 – 220) g; Readability≥ 1mg	± 0.84 mg
			(220 – 5000) g; Readability≥ 10mg	± 0.022g
06	Length (Steel scale and tap)	MM/LM/00	0 – 50 m	± 0.3 mm
07	Vernier Caliper	MM/DT/00	0.5 – 300 mm	± 0.09 mm
08	Micrometer	MM/DT/00	0.5 -25 mm	± 0.05 mm
09	Thickness Gauge	MM/DT/00	0.5 -11 mm	± 0.009 mm
10	Angle	MM/AG/00	0 - 360°	± 0.27°
11	Sound	MM/SM/00	94 & 114dB	± 0.62 dB & ± 0.61 dB
12	Force	MM/FO/00	0 – 500N; 500N-2KN; 2KN-2000KN	± 0.25%; ± 0.24%; ± 0.22%
13	Pressure	MM/PG/00	-1 ~ 700 Bar	± 0.71 bar
Field: Thermal				
14	Temperature (Digital Thermometer)	MM/TC/01 and MM/CT202/01	-20 - 400°C	± (0.51 – 0.79) °C
15	Irradiance	MM/CR20/01	0 – 1.30 w/m ²	± 5.52%
16	Thermo-Hygrometer	MM/HM/00	-40°C to + 85°C & 0 – 100 % RH	.4°C & 1.3%RH
17	Lux Meter	MM/LI/00	0 - 99990 Lux	± 6.57%
Field: Electro-Technical				
18	Time (Stop watch, Counter & Timer)	MM/SW/01	1 sec – 24 Hours	± (0.2 – 22) sec
19	DC Current	MM/MF/00	2 -10 mA	± 0.18%
			10 -15 mA	
			15 -22mA	


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20	Frequency	MM/MF/00	5- 200 HZ 200 -700 HZ 700-1000 HZ 1-20 k HZ 20-50k HZ	± 0.14%
21	DC Voltage	MM/MF/00	10 – 200 mV 200 -700 mV 700 – 1000 mV 1 – 5 V 5 – 10V	± 0.13%
22	Resistance	MM/MF/00	0.1-200Ω 200-700Ω 700-1000Ω 1-5 KΩ 5-10 KΩ	±0.67%
Field: Flow				
23	Flow (Liquid, Gas & Steam)	MM/FM/00	Pipe Size: 8-508mm	(Liquid, Gas & Steam) ±2.50%of rdg;
24	Velocity	MM/VM/00	0-30 m/s	± (0.32-1.84 m/s)

END



Quality Manager