



ACCREDITATION CERTIFICATE

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

ION Engineering (Pvt.) Ltd.

1st Floor, House 31259, Road #10, Avenue #02

Mirpur DOHS, 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 : **02.016.22**
Accreditation Date : **29 November 2022**
Date of Issuance : **29 November 2022**
Date of Expiration : **28 November 2025**




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
(For Calibration Laboratory)

CAB Name & Address: ION Engineering (Pvt.) Ltd.

1st Floor, House # 1259, Road # 10, Avenue # 2, Mirpur DOHS, Dhaka-1216, Bangladesh.

Accreditation Standard: ISO/IEC 17025:2017

Accreditation Date: 29 November 2022

Certificate Number: 02.016.22

Issued on: 29 November 2022

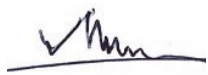
Last Amended on: NA

Valid until: 28 November 2025

Amendment no: NA

S.N.	Measured quantity Instrument/Gauge	Reference to Method	Measurement range/value	Measurement Capabilities expressed as expanded uncertainty U (k=2) (±)
Field: Thermal				
01.	Digital & Analog Thermometers/ PT100/ RTD/ TC with Controller/Indicator	ION.WI-46M	(-20 to 50) °C (50 to 150) °C (150 °C to 650) °C	0.13 °C 0.16 °C 0.77 °C
02.	Glass Type Thermometers, Digital Thermometers, Temperature Gauges	ION.WI-45M	(-20 to 50) °C (50 to 150) °C (150 °C to 650) °C	0.13 °C 0.17 °C 0.75 °C
03.	Temperature Baths, Incubators, oven, Autoclave, Muffle Furnace, Refrigerator	ION.WI-47M	(-40 to 200) °C (300 to 400) °C (300 to 1200) °C	0.18 °C 0.90 °C 1.3 °C
04.	Humidity, Data logger, Humidity Chamber	ION.WI-49M	(10 to 95)% (20 to 70) °C	0.65%
Field: Electro- Technical				
05.	AC Voltage (40 Hz to 500 Hz) & DC Voltage	ION.WI-60M	10mV – 300mV 300mV- 3V 3V- 30V 30V-300V 300V-1000V	0.001V to 0.002V 0.002V to 0.243V 0.243V to 0.346V 0.346V to 1.777V 1.777V to 5.90V
06.	AC Current (40 Hz to 500 Hz) & DC Current	ION.WI-60M	3mA- 30mA 30mA- 300mA 300mA- 3A 3A- 10A	0.010A to 0.010A 0.010A to 0.013A 0.013A to 0.053A 0.053A to 0.174A
07.	Resistance, Insulation Resistance Tester, Earth Tester. (Ohms)	ION.WI-60M	Up to 400 Ω 400 Ω to 4 kΩ 4 to 40 kΩ 40 to 400 kΩ 400 kΩ to 4 MΩ 4 to 40 MΩ	2.365Ω 2.365Ω to 0.239Ω 0.239Ω to 0.523Ω 0.523Ω to 2.363Ω 2.363Ω to 0.484Ω 0.484Ω to 0.535Ω
08.	Frequency	ION.WI-60M	50 Hz – 100 kHz	5.910 Hz to 6.13Hz

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 Quality Manager