GLOBAL ACCEPTANCE

BAB

BANGLADESH ACCREDITATION BOARD

ACCREDITATION CERTIFICATE

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

M/s. Reverie calibration lab

Reverie Power& Automation Engineering Ltd, 5th and 7th Floor

Evergreen Plaza, 260/B, Tejgaon I/A,Dhaka-1208, 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.

CERT. NO. 02.014.22

BAB

BANGLADESH ACCREDITATION BOARD
Accredited for ISO/IEC 17025:2017

Certificate Number	:	**02.014.22**
Accreditation Date	:	**06 March 2022**
Date of Issuance	:	**06 March 2022**
Date of Expiration	:	**05 March 2025**

GLOBAL BAB ACCREDITED ACCEPTANCE

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.

BANGLADESH ACCREDITATION BOARD (BAB)

91, Motijheel C/A, Dhaka-1000
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Web: www.bab.org.bd

SCOPE OF ACCREDITATION

(For Calibration Laboratory)

CAB Name & Address: **M/s Reverie calibration lab**
Reverie Power & Automation Engineering Ltd, 5th and 7th Floor,
Evergreen Plaza, 260/B, Tejgaon I/A, Dhaka-1208, Bnagladesh.

Accreditation Standard:	**ISO/IEC 17025:2017**	**Accreditation Date:**	**6 March 2022**
Certificate Number:	**02.014.22**	**Issued on:**	**6 March 2022**
Last Amended on:	**NA**	**Valid until:**	**5 March 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) (to be expressed in ±)
Field: Electro–Technical				
		Source (Fluke 5080A)		
1.	DC Voltage	RCL/DCV/S01 (In-house method)	10mV – 300mV	± 1%
			300mV- 3V	± 0.06%
			3V- 30V	± 0.06%
			30V-300V	± 0.1%
			300V-1000V	± 1%
2.	AC Voltage (45Hz)	RCL/ACV/S01 (In-house method)	10mV – 300mV	± 1%
			300mV- 3V	± 0.6%
			3V- 30V	± 0.1%
			30V-300V	± 0.1%
			300V-1000V	± 1%
	AC Voltage (1000Hz)	RCL/ACV/S01 (In-house method)	30mV – 300mV	± 1%
			300mV- 3V	± 0.19%
			3V- 30V	± 0.1%
3.	DC Current	RCL/DCI/S01 (In-house method)	3mA- 30mA	± 0.19%
			30mA- 300mA	± 1%

Quality Manager

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S.N.	Measured quantity Instrument/Gauge	Reference to Method	Measurement range/value	Measurement Capabilities expressed as expanded uncertainty U (k=2) (to be expressed in ±)
			300mA- 3A	± 0.07%
			3A- 10A	± 0.08%
			1mA- 300mA	± 1%
			300mA- 3A	± 0.13%
4.	AC Current (45Hz)	RCL/ACI/S01 (In-house method)	3A-10A	± 0.23%
			10A-30A	± 1%
			30A-300A	± 1%
			300A-1000A	± 1%
			3mA- 300mA	± 0.2%
	AC Current (1000Hz)	RCL/ACI/S01 (In-house method)	300mA- 3A	± 0.1%
			3A-10A	± 0.1%
			1kΩ–100kΩ	± 0.06%
5.	Resistance	RCL/RES/S01 (In-house method)	100kΩ–1MΩ	± 0.1%
			1MΩ–100MΩ	± 0.1%
		Measure (Fluke 8588A)		
			300mV- 1V	± 0.001%

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6.	DC Voltage	RCL/DCV/M01 (In-house method)	1V- 10V	± 0.004%
			10V-100V	± 0.005%
			100V-1000V	± 0.005%
7.	AC Voltage (45Hz)	RCL/ACV/M01 (In-house method)	3mV- 100mV	± 0.40%
			100mV- 1V	± 0.33%
			1V-10V	± 0.04%
			10V- 100V	± 0.04%
			100V- 1000V	± 0.04%
	AC Voltage (8kHz)	RCL/ACV/M01 (In-house method)	500V-1000V	± 0.04%
	AC Voltage (10kHz)		100mV- 1V	± 0.32%
		RCL/ACV/M01 (In-house method)	1V-10V	± 0.04%
			10V- 100V	± 0.04%
8.	DC Current	RCL/DCI/M01 (In-house method)	1mA- 100mA	± 0.02%
			100mA-1A	± 0.03%
			1A-10A	± 0.05%

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			3mA- 100mA	± 0.06%
9.	AC Current (45Hz)	RCL/ACI/M01 (In-house method)	100mA- 1A	± 0.06%
			1A- 10A	± 0.1%
			10A-20A	± 0.1%
			3mA- 100mA	± 0.07%
	AC Current (5kHz)	RCL/ACI/M01 (In-house method)	100mA- 1A	± 0.06%
			1A- 10A	± 0.1%
				± 0.07%
			50Ω - 1kΩ	± 1%
10.	Resistance	RCL/RES/M01 (In-house method)	1kΩ - 1MΩ	± 0.02%
			1MΩ - 200MΩ	± 0.05%
11.	Frequency	RCL/FR/M01 (In-house method)	45Hz- 100kHz	± 0.6%
Field: Thermal (Fluke 9132)				
1.	Temperature	RCL/TH/S01 (In-house method)	50˚C - 500˚C	±2.71 ˚C to ±4.2 ˚C

Quality Manager