



Bangladesh Accreditation Board (BAB)

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Email: info@bab.org.bd Web: www.bab.org.bd

Certificate of Accreditation

This is to certify that

Instrumentation Engineering Services Ltd.

Flat#C1,D1,D2; House#296/A; Road#19/B

New DOHS, Mohakhali; Dhaka-1206.

has been granted accreditation in respect of the scope of accreditation described in the attached document, subject to the terms and conditions governing the relevant Conformity Assessment Body (CAB) accreditation

This Calibration Laboratory having met the requirements of ISO/IEC 17025:2005 and the BAB, is accredited for Thermal(Temp. Humidity) & Mechanical (Lux, Mass, Balance, Pressure, Length, Time, RPM) as described in the associated Scope of Accreditation.

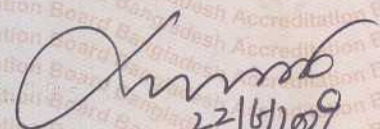


Certificate Number : 02.005.15

Issued on : 25 October 2015

Accreditation Date : 25 October 2015

Valid until : 24 October 2018


22/10/15
Director General

Bangladesh Accreditation Board (BAB)


This certificate has been issued under the authority of Bangladesh Accreditation Act, 2006 and must be returned on request; reproduction must follow guidelines in place at date of issue. For the specific scopes to which this accreditation applies, please refer to the directory of accredited CABs at <http://www.bab.org.bd/directory-of-accredited-cabs>

SCOPE OF ACCREDITATION (For Calibration Laboratory)

CAB Name & Address: Instrumentation Engineering Services Ltd.
Flat# C1, D1, D2; House# 296/A; Road# 19/B, New DOHS,
Mohakhali, Dhaka-1206.

Accreditation Standard:	ISO/IEC 17025:2005	Accreditation Date:	25 October 2015
Certificate Number:	02.05.15	Issued on:	25 October 2015
Last Amended on:	03.08.2017	Valid Until:	24 October 2018
Amendment no:	01		

S.N	Measured quantity Instrument/Gauge	Reference to Method	Measurement Range/Value	Measurement Capabilities expressed as expanded uncertainty U (k=2)
Field: Thermal				
01	Temperature Using PRT with Digital Read out & Dry Block Bath	IESL CP 01	0°C to 200°C	± 0.20°C
02	Humidity Hygrometer	IESL CP 19	5% to 95)%	± 2%
Field: Mechanical				
01	Pressure Using Digital Pressure Gauge with Pneumatic and Hydraulic Pressure	IESL CP 02	0 Bar to 60 Bar	±0.05 Bar
			61 Bar to 90 Bar	±0.07 Bar
02	Dimensions Measuring Tape	IESL CP 03	Up to 50 mtr	± 720+√(L/1000) μm Up to 1000 mm 720*√(L/1000) μm Big than 1000 L is in mm
	Steel Scale	IESL CP 04	Up to 150 cm	720+√(L/1000) μm L is in mm
	External Micrometer	IESL CP 05		
	LC-0.001mm		0-25mm	1 μm
	LC 0.01 mm		0-25 mm	7 μm
	Plunger Dial Gauge	IESL CP 06		
	LC-0.001mm		0-12mm	4 μm
	LC-0.01mm		0-10mm	10 μm


Quality Manager

Vernier Caliper IESL CP 07

LC-0.01mm	0-100mm	12 μ m
LC-0.01mm	0-100mm	18 μ m
LC-0.02mm	0-100mm	25 μ m

03 Mass Weights IESL CP 08

(Conventional Weights)

	\pm
1-5mg	0.06 mg
10mg	0.08 mg
20mg	0.10 mg
50mg	0.12 mg
100mg	0.16 mg
200mg	0.20mg
500mg	0.25 mg
1g	0.3 mg
2g	0.4 mg
5g	0.5 mg
10g	0.6 mg
20g	0.8 mg
50g	1.0 mg
100g	1.6 mg
200g	3.0 mg
500g	8.0 mg
1kg	16mg
2kg	30 mg
5kg	80 mg
10kg	160 mg
20kg	300 mg

04 Mass Balance

(On site & lab)

IESL 09

	\pm
(0 to 220) mg Readability \geq 0.1 mg	0.2 mg
(220 mg to 1.2 kg) Readability \geq 0.01gm	0.02 g
(1.2 kg to 12 kg) Readability \geq 1 g	1.6 g
(12 kg to 500kg) Readability \geq 5 g	5.5 g

Quality Manager

05	Time (Stopwatch/Timer)	IESL CP 13	0-30min	±1.5 S
06	Light Intensity (Lux Meter)	IESL CP 24	Up to 16000 Lux	±3.8 Lux
07	RPM (Digital Techo meter)	IESL CP 25	0 to 99999 RPM	±1.6

End



Quality Manager