



Bangladesh Accreditation Board (BAB)

91, Motijheel C/A, Dhaka-1000, Tel: +880-2-9513221 Fax: +880-2-9513222
Email: info@bab.org.bd Web: www.bab.org.bd

Certificate of Accreditation

This is to certify that

Calibration Laboratory, Biman Bangladesh Airlines Limited

**Annex Building (1st Floor), Biman Engineering & MM Directorate
Hazrat Shahjalal International Airport, Kurmitola, Dhaka**

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 Mechanical and Electro-technical Calibration as described in the associated Scope of Accreditation.



Certificate Number : 02.010.19

Issued on : 28 January 2019

Accreditation Date : 28 January 2019

Valid until : 27 January 2022

**Md. Monwarul Islam
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

CAB Name & Address: Calibration Laboratory.
 Biman Bangladesh Airlines Limited.
 Annex Building, 1st Floor, Biman Engineering Hangar,
 Biman Engineering & MM Directorate,
 Gate no. 8, Hazrat Shajalal International Airport, Kurmitola, Dhaka 1229.

| | | | |
|--------------------------------|--------------------|----------------------------|-------------|
| Accreditation Standard: | ISO/IEC 17025:2017 | Accreditation Date: | 28 Jan 2019 |
| Certificate Number: | 02.010.19 | Issued on: | 28 Jan 2019 |
| Last Amended on: | 27 Jan 2021 | Valid until: | 27 Jan 2022 |
| Amendment no: | 01 | | |

| 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 | | | | |
| 1 | Torque | SUSPENDED from 27 January 2021 | | |
| 2 | Micro Meter | CP L1 (In-house method) | 0 – 101.6 mm | ± 0.05 mm |
| 3 | Vernier Caliper | CP L2 (In-house method) | 0 – 101.6 mm | ± 0.05 mm |
| 4 | Pressure Gauge | CP P2 (In-house method) | 0 – 700 bar | ± 0.4 bar |
| Field: Electro-technical | | | | |
| 5 | DC Volt Meter | CP E3 (In-house method) | 0 mV V to 200 mV 0 V to 10 V 10 V to 100 V 100 V To 1000 V | ± 0.10 mV ± 10.00 mV ± 0.1 V ± 1.00 V |
| 6 | AC Volt Meter | CP E3 (In-house method) | 0 mV to 200 mV 0 V to 10 V 10 V to 100 V 100 V to 1000 V | ± 0.10 mV ± 10.00 mV ± 0.10 V ± 1.00 V |
| 7 | DC Current | CP E3 (In-house method) | 0 µA to 100 µA 1 mA to 10 mA 10 mA to 100 mA 100 mA to 2 A | ± 0.10 µA ± 10.00 µA ± 0.10 mA ± 1.00 mA |


 Quality Manager



BANGLADESH ACCREDITATION BOARD (BAB)

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|------|---------------------------------------|----------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------|
| 8 | AC Current | CP E3 (In-house method) | 0 µA to 200 µA | ± 0.12 µA |
| | | | 1 mA to 10 mA | ± 10.00 µA |
| | | | 10 mA to 100 mA | ± 0.10 mA |
| | | | 101 mA to 2 A | ± 1.00 mA |
| 9 | Resistance | CP E3 (In-house method) | 100 Ω and 1 KΩ | ± 1.00 Ω |
| | | | 10 KΩ and 100 KΩ | ± 0.1 KΩ |
| | | | 1 MΩ to 10 MΩ | ± 0.1 MΩ |

END


Quality Manager