



ACCREDITATION CERTIFICATE

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

Quality Calibration Solutions Private Limited

**House#535, Avenue#06, Road#08
DOHS, Mirpur, Dhaka**

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 : **02.008.18**
Accreditation Date : **13 September 2018**
Date of Issuance : **30 November 2021**
Date of Expiration : **12 September 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.

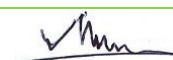
SCOPE OF ACCREDITATION

(For Calibration Laboratory)

CAB Name & Address: **Quality Calibration Solutions Private Limited**
 House# 535(3rd Floor), Road# 08, Avenue#06, Mirpur DOHS, Dhaka, Bangladesh.

| | | | |
|--------------------------------|--------------------|----------------------------|-------------------|
| Accreditation Standard: | ISO/IEC 17025:2017 | Accreditation Date: | 13 September 2018 |
| Certificate Number: | 02.008.18 | Issued on: | 30 November 2021 |
| Last Amended on: | - | Valid until: | 12 September 2024 |
| Amendment no: | - | | |

| S.N. | Measured quantity Instrument/Gauge | Reference to Method | Measurement range/value | Measurement Capabilities expressed as expanded uncertainty U (k=2) (±) | | | |
|----------------------------------|---------------------------------------|---------------------|----------------------------|--|-------|-------------------------------------|--------|
| Field: MECHANICAL | | | | | | | |
| 01 | Mass Weights of F2 & Coarser | WI-01 | 1 mg | 0.06 mg | | | |
| | | | 2 mg | 0.06 mg | | | |
| | | | 5 mg | 0.06 mg | | | |
| | | | 10 mg | 0.08 mg | | | |
| | | | 20 mg | 0.10 mg | | | |
| | | | 50 mg | 0.12 mg | | | |
| | | | 100 mg | 0.16 mg | | | |
| | | | 200 mg | 0.20 mg | | | |
| | | | 500 mg | 0.25 mg | | | |
| | | | 1 g | 0.30 mg | | | |
| | | | 2 g | 0.40 mg | | | |
| | | | 5 g | 0.50 mg | | | |
| | | | 10 g | 0.60 mg | | | |
| | | | 20 g | 0.80 mg | | | |
| | | | 50 g | 1.0 mg | | | |
| | | | 100 g | 2.0 mg | | | |
| | | | 200 g | 7.0 mg | | | |
| | | | 500 g | 0.07 g | | | |
| | | | 02 | MASS (Balance) | WI-02 | 0 to 220 g Readability ≥ 0.1 mg | 0.2 mg |
| | | | | | | 0 to 1.2 kg Readability = 0.01 g | 0.02 g |
| 0 to 12 kg | | | | | | | |
| Readability ≥ 1 g | 1.6 g | | | | | | |
| 0 to 500 kg Readability ≥ 5 g | 5.5 g | | | | | | |
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Quality Manager

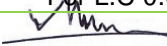
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|------|---|---------------------|----------------------------|--|
| 03 | Volume (Flask / Beaker / Measuring Cylinder, Glass-Wears /Micro Syringe /Auto Pipette / Micro Pipette etc.) | WI-03 | 0.1 to 10 mL | 0.003 to 0.005mL |
| | | | 10 to 100 mL | 0.005 to 0.02mL |
| | | | 100 to 1000 mL | 0.02 to 0.2mL |
| | | | 1L to 10 L | 0.2 to 2mL |
| 04 | Speed (Source) | WI-04 | 1 to 30000 rpm | 0.08% of rdg |
| 05 | Speed (Measure) | WI-06 | 1 to 6000 rpm | 0.08% of rdg |
| 06 | Stop-Watches/ Counters/ Timers | WI-05 | 1sec to 30sec | 0.15sec |
| | | | 31sec to 7200sec | 0.25sec |
| | | | 7200sec to 21600sec | 11sec |
| | | | 21600sec to 86400sec | 26sec |
| 07 | Vernier Caliper | WI-09 | Up to 300 mm | For L.C 0.01mm ±10µm For L.C 0.02mm ±15µm |
| 08 | Depth Gauge | WI-07 | Up to 250mm | For L.C 0.01mm ±16µm For L.C 0.02mm ±19µm |
| 09 | Micrometer | WI-08 | Up to 25 mm | For L.C 0.001mm ±1µm For L.C 0.01mm ±7µm |
| 10 | Thickness Gauge | WI-14 | Up to 10 mm | For L.C 0.001mm ±3.1µm For L.C 0.002mm ±3.2µm For L.C 0.01mm ±8µm |


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|------|---------------------------------------|---------------------|----------------------------|--|
| 11 | Height Gauge | WI-15 | Up to 250 mm | For L.C 0.01mm ±16µm For L.C 0.02mm ±19µm |
| 12 | Dial Gauge/ Indicator | WI-16 | Up to 50 mm | For L.C 0.001mm ±3.1µm For L.C 0.002mm ±3.2µm For L.C 0.01mm ±8µm |
| 13 | Feeler Gauge | WI-17 | Up to 1 mm | 3.8µm |
| 14 | Angle Protector/ Level Meter | WI-18 | Up to 90 Deg | 0.1Deg |
| 15 | Pressure | WI-21 | 0 to 700 bar | 1.1bar |
| 16 | Pressure | WI-22 | -1 to 0 bar | 0.02bar |
| 17 | Sound Level Meter | WI-23 | 94 & 114 dB | 1.74dB |
| 18 | Lux Meter | WI-24 | 50 to 3000Lux | 4.3% of rdg |

Field: THERMAL

| | | | | |
|----|--|-------|--|-----------------------------|
| 19 | Glass Type Thermometers | WI-10 | 25 to 200 °C | 0.4 °C |
| 20 | Digital & analogue Thermometers/ PT100/ RTD/ TC with indicators | WI-11 | (-)20 to 300 °C >300 to 600 °C >600 to 1200 °C | 0.18 °C 0.6 °C 0.8 °C |



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| 21 | Temperature indicator of- Oven/Incubator/ water-Bath/Oil-Bath/ Refrigerators/ Furnace/ Temperature chambers etc. | WI-12 | (-)20 to 300 °C | 0.2 °C |
| | | | >300 to 800 °C | 0.15 °C |
| | | | >800 to 1300 °C | 0.22 °C |

END



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