Accreditation No: LAB 232

Awarded to

Interloop QA Calibration Lab, Interloop Limited, 7-km Jaranwala road Khurrianwala, Faisalabad- Pakistan.

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc and shall not mislead its users.

The accreditation was first time granted on **01-07-2021** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2017.**

The accreditation requires regular surveillance, and is valid until **30-06-2027.**

The decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed measurements/tests.

PAKISTAN NATIONAL ACCREDITATION COUNCIL

07-11-2024
Date

SD.
Director General

Calibration Laboratory.

Accreditation Scope of Interloop QA Calibration Lab. Faisalabad, Pakistan.

Permanent laboratory premises X

Field of measurement: MASS METROLOGY			
Measured quantity	**Range**	***Expanded Uncertainty (±)**	**Technique, Reference Standard, Equipment**
Mass	50mg – 100mg 101mg-200mg 210mg-500mg 1g – 100g 101g -200g	3.0 mg 3.0 mg 3.0 mg 0.0038 g 0.0038 g	**Equipment Used:** Calibrated F1 class standard masses / Weighing Balance (CL-WB-33) **Unit Under Test:** Masses **Method Used:** OIML R 111-1/ NIMT CP-301

Mobile laboratory (Onsite Calibration) X

Field of measurement: THERMAL METROLOGY			
Measured quantity	**Range**	***Expanded Uncertainty (±)**	**Technique, Reference Standard, Equipment**
Heat Sources Temperature (Sources)	10 °C – 100 °C 101 °C – 200 °C 201 °C – 300 °C	0.26 °C – 1.0 °C 0.65 °C – 1.0 °C 0.65 °C – 1.0 °C	**Equipment Used:** Reference Digital Thermometer with K type probe **Unit Under Test:** All type of Heat Sources **Method Used:** Standard Operating Procedures for Calibration of Heat Sources
Field of measurement: METROLOGY			
Weighing Balance	1 g -- 200 g 210 g – 1000 g	0.00080 g to 0.0010 g 0.00090 g to 0.0026 g	**Equipment Used:** F1 Class Masses **Unit Under Test:** (Balance/Weighing Machine) **Method Used:** EURAMET cg-18

07-11-2024
Date

Sd.
Director

* **Expanded Uncertainty:**

- Expanded Uncertainty is the measurement uncertainty at a coverage probability of 95 %, which usually requires the use of a coverage factor of k = 2. This measurement uncertainty is a value for which the laboratory has been accredited using the procedure that was the subject of assessment. In certificates issued under its accreditation scope an accredited laboratory is not permitted to quote an uncertainty that is smaller than the published uncertainty for respective ranges as given above.

07-11-2024
Date

Sd.
Director