

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 332
---	-----------------------------------	---

Accreditation No: LAB 332

Awarded to

**Asian Calibration Services (Pvt.) Ltd, C-3 Jhelum Block, Green
Forts-II, Lahore-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 **12-05-2025** 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 **11-05-2028**.

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

30-05-2025
Date

SD
Director General

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 332
---	-----------------------------------	---

Calibration Laboratory.

Accreditation Scope of Asian Calibration Services (Pvt.) Ltd, C-3 Jhelum
Block Green Forts-II, Lahore

Permanent laboratory premises ☒

Field of measurement:			
Measured quantity	Range	*Expanded Uncertainty (±)	Technique, Reference Standard, Equipment
Mass M1 Class and below class weights	500 g	6.00 mg	Reference Standard: Set of Masses: F1 Class (500g to 10000g) Unit Under Test: Set of Masses: M1 Class & Lower Classes Precision Balance Top loading balance. Method Used: ACSL/MAS/002
	1000 g	6.00 mg	
	5 kg	0.08 g	
	10 kg	0.08 g	
Mass M2 Class and below class weights	2 Kg	0.07 g	Reference Standard: Set of Masses: F1 Class (2000g) Unit Under Test: Set of Masses: M2 Class & Lower Classes Precision Balance Top loading balance. Method Used: ACSL/MAS/002
General Dimension Measurement (Length, Diameter, Thickness, Depth)	1.00mm – 10.00mm	0.0060 mm – 0.0062 mm	Reference Standard: Gauge Block Set and Vernier Caliper Unit Under Test: Digital Vernier / Dial Caliper using Gauge Block Method Used: ACSL/VC/004
	10.00mm – 50.00 mm	0.0062 mm – 0.0140 mm	
	50.00mm – 150mm	0.0140 mm – 0.0380 mm	
Time Interval Measure	60 Sec - 3600 Sec	0.43 Sec - 0.70 Sec	Reference Standard: Catiga Digital Stop Watch Unit Under Test: Q&Q Digital Stop Watch Method Used: ACSL/TIM/001

30-05-2025
Date

Sd
Director

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 332
---	-----------------------------------	---

Dial Temperature Gauges, Digital Temperature Indicator with sensor and K-Type Thermocouple (Temperature Measure)	50 °C – 100 °C	0.15 °C – 0.20 °C	Reference Standard: Dry Block and K-Type Thermocouple Unit Under Test: Dial Temperature Gauges, Digital Temperature Indicator with sensor and K-Type Thermocouple Method Used: ACSL/TEM/003
	100 °C – 200 °C	0.20 °C – 0.25 °C	
	200 °C – 250 °C	0.25 °C – 0.30 °C	
Field of measurement: (On-Site)			
Measured quantity	Range	*Expanded Uncertainty (±)	Technique, Reference Standard, Equipment
Balance and weighing Machine	500 g	8.00 mg	Reference Standard: Set of Masses: F1 Class (500g to 10000g) Unit Under Test: Precision Balance Top loading Balance Platform balance. Method Used: ACSL/BWM/005
	1000 g	11.00 mg	
	2 kg	0.07 g	
	5 kg	0.13 g	
	10 Kg	0.18 g	

*** 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.

30-05-2025
Date

Sd
Director