Accreditation No: LAB 169

Awarded to

AL MIZAN INDUSTRIAL SOLUTIONS WL.L.
DOHA -QATAR

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 **25-01-2019** 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 **24-01-2028.**

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

31-12-2025
Date

SD.
Director General

Calibration Laboratory.

Accreditation Scope of Al Mizan Industrial Solutions W.L.L Doha Qatar.

Permanent laboratory premises X

Field of measurement: In-house			
Measured quantity	**Range**	***Expanded Uncertainty (±)**	**Technique, Reference Standard, Equipment**
Temperature Measured mode *(Digital Thermometer, Temperature Gauge)*	(-15 to 10) °C	0.62 °C	DKD-R5-1
	(10 to 50) °C	0.74 °C	JOFRA AMETEK CTC-140A, Fluke 724 Temperature Calibrator
	(50 to 140) °C	0.79 °C	
Pressure Measure Mode *(Calibration of Analoge Gauge)*	0.1 bar to 600 bar	0.29 bar to 3.5 bar	DKD-R6-1 Nagman QGCH 1000SP Pressure Comparator with MPC Series Indicator
Mass (F2 and below class)	2 mg	0.0080 mg	Using Semi microbalance and E2, F1, F2 reference weights (ABBA Method)
	5 mg	0.0080 mg	
	20 mg	0.0080 mg	
	50 mg	0.0080 mg	
	200 mg	0.0090 mg	
	500 mg	0.0090 mg	
	1 g	0.000018 g	
	2 g	0.000020 g	
	5 g	0.000040 g	
	10 g	0.000040 g	
	20 g	0.000060 g	
	50 g	0.000080 g	
	100 g	0.000080 g	
	200 g	0.000090 g	

31-12-2025
Date

Sd.
Director

Field of measurement: Onsite			
Measured quantity	**Range**	***Expanded Uncertainty (±)**	**Technique, Reference Standard, Equipment**
Balances	2 mg to 500 mg	0.00018 mg	E2, F1 & F2 weights (ABBA Method)
	500 mg to 100 g	0.00026 g	
	100 g to 200 g	0.00032 g	
Temperature Source mode *(calibration of Heat Sources, Bath, Chiller, Freezer, Incubatoors)*	(-15 to 10) °C	0.84°C	DKD-R5-1
	(10 to 50) °C	0.42°C	K-Type Thermocouple with Digitron 2000T and Fluke 724 Temperature Calibrator with Thermocouple
	(50 to 140) °C	0.42°C	

* **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.

31-12-2025
Date

Sd.
Director