

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 008
---	-----------------------------------	---

Accreditation No: LAB 008

Awarded to

METROLOGICAL CENTRE LABORATORY AIRCRAFT REBULD FACTORY PAC KAMRA, DISTRICT ATTOCK 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 **08-11-2004** 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 **14-11-2027**.

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

15-11-2024
Date

SD
Director General

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 008
---	-----------------------------------	---

Calibration Laboratory.

Accreditation Scope of Metrological Centre Laboratory Aircraft PAC
Kamra, District Attock, Pakistan.

Permanent laboratory premises

Field of measurement:			
Measured quantity	Range	*Expanded Uncertainty (±)	Technique, Reference Standard, Equipment
Pressure:			
Pressure (Hydraulic)	0.4~5 kgf/cm ²	± 0.03 kgf/cm ²	CP-039 Dead weight testers YU-6,60 and 600.
	5~50 kgf/cm ²	± 0.15 kgf/cm ²	
	50~150 kgf/cm ²	± 0.6 kgf/cm ²	
Oxygen Pressure	0.2~10 kgf/cm ²	± 0.1 kgf/cm ²	CP-105 Using direct comparison method Pressure Gauges calibrator LYL-400.
	10~100 kgf/cm ²	± 0.6 kgf/cm ²	
	100~250 kgf/cm ²	± 1.6 kgf/cm ²	
Pneumatic Pressure BQY-1 Barometer	920~1020mb	± 0.06 mb	CP-125 Using direct comparison method Pressure Standard unit 2465 Ruska.

*** 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.

15-11-2024
Date

Sd
Director