

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 350
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Accreditation No: LAB 350

Awarded to

**High Voltage & Mechanical Testing Laboratory (HVMT Lab)
EMCO Industries Limited, Sheikhupura Road,
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 **15-10-2025** 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 **14-10-2028**.

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

15-10-2025
Date

SD
Director General

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Testing Laboratory.

Accreditation Scope of High Voltage & Mechanical Testing Laboratory (HVMT Lab)
EMCO Industries Ltd., Sheikhpura Road, Lahore-Pakistan.

Permanent laboratory premises

Material / Products tested	Types of Test/ Properties Measured	Range of Measurement	Minimum Detection limit	Uncertainty of Measurement (where applicable) (±)	Standard Specification/ Techniques/ Equipment used
Disc, Long Rod Pin, Spool, Guy Strain, Shackle, Line Post, Bushing (HT<), Dropout Cutout, HV Cable, Conductor, Disconnect & Earthing Switch, Surge Arrester, Station Post, Circuit Breaker, Panel, Distribution Transformer, Current Transformer, Voltage Transformer	Electrical (Power Frequency Voltage)	≤ 600 kV	0.001 kV	Max. 2.5 %	IEC 60060, IEC 60383, IEC 60168, IEC 60273, IEC 61211, IEC 62155, IEC 60137, IEC 60305, IEC 60120, IEC 60437, IEC 60099-4, IEC 62271-1, IEC 62271-102, IEC 60507, IEC 60156, IEC 61869-1, IEC 61869-2, IEC 61869-3, IEC 61869-5, IEC-60270, IEC 62217, IEC-60372, IEEE STD-4, ANSI C29.1, ANSI C29.2A, ANSI C29.2B, ANSI C29.3, ANSI C29.4, ANSI C29.5, ANSI C29.6, ANSI C29.7, ANSI C29.8, ANSI C29.9, ANSI C29.10, BS-137, BS 3288-2, NTDC P-3, P-4, P-6, P-7, P-8, P-90, P-129, 181, 249, 205, 206, 182, DDS-12, 13.
	Electrical (Impulse Voltage)	≤ 1800 kV	0.1 kV	Max. 3.0 %	

15-10-2025

Date

Sd

Director