

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 161
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Accreditation No: LAB 161

Awarded To

**TRANSFORMER TESTING LAB
POWER TECH INDUSTRIES
UNIT NO: 3 & 4, S.I.T.E AREA KOTRI, SINDH, 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 **02-08-2018** 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 **01-08-2024**.

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

16-07-2021
Date

Sd.
Director General

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Testing Laboratory.

Accreditation Scope of Transformer Testing Lab, Power Tech Industries,
S.I.T.E Area Kotri, Sindh, Pakistan.

Permanent laboratory premises

Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
POWER DISTRIBUTION TRANSFORMERS	ELECTRICAL TESTING	MEASUREMENT OF WINDING RESISTANCE	IEC 60076 -1 (Clause 11.2)
	ELECTRICAL TESTING	MEASUREMENT OF VOLTAGE RATIO (TURN RATIO)	IEC 60076 -1 (Clause 11.3)
	ELECTRICAL TESTING	MEASUREMENT OF LOAD LOSSES & SHORT CIRCUIT IMPEDANCE (COPPER LOSSES)	IEC 60076 -1 (Clause 11.4)
	ELECTRICAL TESTING	MEASUREMENT OF NO-LOAD LOSSES & CURRENT (IRON LOSSES)	IEC 60076 -1 (Clause 11.5)
	ELECTRICAL TESTING	APPLIED VOLTAGE TEST (HIGH VOLTAGE TEST)	IEC 60076 -3 (Clause 10)
	ELECTRICAL TESTING	INDUCED VOLTAGE WITHSTAND TEST	IEC 60076 -3 (Clause 11.2)

16-07-20121

Sd.

Date

Director