

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 161
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Accreditation No: LAB 161

Awarded to

POWER TECH Transformer Testing Lab, 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 17025:2005**.

The accreditation requires regular surveillance, and is valid until **01-08-2021**.

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

02-08-2018

Date

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Director General

Testing Laboratory.

Accreditation Scope of **POWER TECH Transformer Testing Laboratory, Unit No. 3 & 4, S.I.T.E Area, Kotri, 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 and Distribution Transformer	Electrical Testing	NO-LOAD LOSS AND CURRENT TEST/ (Iron Losses Test)	<ul style="list-style-type: none"> • DDS-84/2007 (Amended to date) • DDS-71:2004 (PMT) • IEC-60076-1 • K/R&D/DT – 28 • P-10:67 • P-41:81 (PMT Alternate-III)
	Electrical Testing	SHORT CIRCUIT IMPEDANCE AND LOAD LOSS TEST / (Copper Losses Test)	<ul style="list-style-type: none"> • DDS-84/2007 (Amended to date) • DDS-71:2004 (PMT) • IEC-60076-1 • K/R&D/DT – 28 • P-10:67 • P-41:81 (PMT Alternate-III)
	Electrical Testing	INDUCED VOLTAGE WITHSTAND TEST	<ul style="list-style-type: none"> • DDS-84/2007 (Amended to date) • DDS-71:2004 (PMT) • IEC-60076-3 • K/R&D/DT – 28 • P-10:67 • P-41:81 (PMT Alternate-III)
	Electrical Testing	APPLIED VOLTAGE (WITHSTAND) TEST/ (Separate Source Over Voltage Withstand Test)	<ul style="list-style-type: none"> • DDS-84/2007 (Amended to date) • DDS-71:2004 (PMT) • IEC-60076-3 • K/R&D/DT – 28 • P-10:67 • P-41:81 (PMT Alternate-III)
	Electrical Testing	VOLTAGE RATIO/ (TURN RATIO) TEST	<ul style="list-style-type: none"> • DDS-84/2007 (Amended to date) • DDS-71:2004 (PMT) • IEC-60076-1 • K/R&D/DT – 28 • P-10:67 • P-41:81 (PMT Alternate-III)
	Electrical Testing	WINDING REISTANCE (Measurement) TEST	<ul style="list-style-type: none"> • DDS-84/2007 (Amended to date) • DDS-71:2004 (PMT) • IEC-60076-1 • K/R&D/DT – 28 • P-10:67 • P-41:81 (PMT Alternate-III)

02-08-2018

Date

Director