

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 112
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Accreditation No: LAB 112

Awarded to

**Synergy Elektrik (Pvt.) Ltd. Transformer Testing Laboratory
16.5 Km Javed Nagar, Mominpura, Lahore Shaikhupura 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 **20-09-2016** 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 **19-09-2022**.

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

07-02-2020
Date

Sd. _____
Director General

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Testing Laboratory.

Accreditation Scope of Synergy Elektrik (Pvt.) Ltd. Transformer Testing Laboratory
16.5 Km Javed Nagar, Mominpura, Lahore Shaikhupura Road, Lahore,
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/ (High Voltage 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)

07-02-2020
Date

Sd.
Director