

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 087
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Accreditation No: LAB 087

Awarded to

**PAK ELEKTRON LIMITED TRANSFORMER TESTING LAB,
34-KM FERROZEPUR 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 **14-05-2015** 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 **23-07-2021**.

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

26-07-2018
Date

SD
Director General

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Testing Laboratory.

Accreditation Scope of **PAK ELEKTRON LIMITED**
TRANSFORMER TESTING LAB 34-KM FERROZEPUR ROAD
LAHORE, PAKISTAN.

Permanent laboratory premises YES

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
Distribution Transformers (10 kVA to 10000 kVA up to 33kVA)	Electrical Testing	Measurement of voltage ratio and check of phase displacement	IEC 60076-1 IEC 60076-3 DDS-84-2007 Amended to date
		Measurement of winding resistance(HV&LV)	
		Measurement of no load losses and current	
		Measurement of short circuit impedance and load losses	
		Induce over voltage withstand test	
		High voltage(separate voltage withstand test)	
		Measurement of dielectric strength of transformer oil	IEC 60422 DDS-84-2007 Amended to date

26-07-2018

Date

SD

Director