

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 096
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Accreditation No: LAB 096

Awarded to

Transformer Testing Laboratory, Elmetec (Pvt.) Ltd. 19- Km, Main Ferozpur 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 **06-10-2015** 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 **20-05-2021**.

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

29 May 2018
Date

Sd

Director General

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Testing Laboratory

Accreditation Scope of **Transformer Testing Laboratory, Elmetec (Pvt.) Ltd.**, 19 - Km, Main Ferozpur 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
Distribution & Power Transformer	Electrical Testing	<ul style="list-style-type: none"> • Load Loss Test (Copper Losses) • No Load Loss Test (Iron Losses) • Separate Source Over Voltage with-Stand Test • Induced Voltage Test • Resistance Measurement Test • Turn Ratio Test 	<ul style="list-style-type: none"> • IEC – 60076 (1 – 5) Power Transformer • IEC – 60060 High Voltage Test Techniques • DDS 84:2007 (Amended to date) WAPDA Distribution Transformer (11/0.415 kV) • DDS 71:2004 WAPDA PMT (100 – 630 kVA) • K/R&D/DT – 28 K – Electric Specification • P – 10:67 Standard Test Method for Transformer • P – 41:81 WAPDA PMT Alternate III

29 May 2018

Date

Sd _____

Director