

	<p style="text-align: center;"><b>ACCREDITATION DOCUMENT</b></p>	<p><b>F-06/02</b>  <b>Issue Date: 18/08/2020</b>  <b>Rev. No: 09</b>  <b>LAB 343</b></p>
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**Accreditation No: LAB 343**

**Awarded to**

**MicroTech Transformers Testing Laboratory  
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 **28-07-2025** 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 **27-07-2028**.

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**

28-07-2025

Date

SD

Director General

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### **Testing Laboratory.**

Accreditation Scope of **MicroTech Transformers Testing Laboratory,**  
**32-KM, Raiwind 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 Transformers 5kVA to 3000kVA	Electrical	Measurement of Winding Resistance Measurement of Voltage Ratio Check of Phase Displacement Measurement of Short-Circuit Impedance & Load Loss Measurement of No-Load Loss & Current Temperature Rise Test Applied Voltage Test Induce Voltage Withstand Test Bird Protection	IEC 60076-1 Edition 3.0 2011-04 (Clause 11.2) IEC 60076-1 Edition 3.0 2011-04 (Clause 11.3) IEC 60076-1 Edition 3.0 2011-04 (Clause 11.4) IEC 60076-1 Edition 3.0 2011-04 (Clause 11.5) IEC 60076-2 Edition 3.0 2011-02 (Clause 7.3 – 7.7) IEC 60076-3 Edition 3.1 2018-03 (Clause 10) IEC 60076-3 Edition 3.1 2018-03 (Clause 11.2) DDS84:2020 14-11-22 (Clause 18.4, vii)
	Mechanical	Leak Testing with Pressure for Liquid Immersed Transformers (Tightness Test)	IEC 60076-1 Edition 3.0 2011-04 (Clause 11.8)

28-07-2025

Date

Sd

Director