Accreditation No: 266

Awarded to

Transformers Testing Laboratory, WESELEC Industries (Pvt.) Ltd, 4km Raiwind Road, Kasur-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 **22-06-2022** 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 **21-06-2028.**

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

12-08-2025
Date

SD
Director General

Testing Laboratory

Accreditation Scope of **Transformers Testing Laboratory,**
WESELEC Industries (Pvt.) Ltd., 4 KM Raiwind Road, Kasur - Pakistan.

Permanent laboratory premises X

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 (Rating up to 630 kVA)	Electrical	Measurement of Winding Resistance	**IEC 60076 – 1** (Clause 11.2)
		Measurement of Voltage Ratio (Turn Ratio Test)	**IEC 60076 – 1** (Clause 11.3)
		Measurement of Short Circuit Impedance & Load Losses (Copper Losses)	**IEC 60076 – 1** (Clause 11.4)
		Measurement of No–Load Losses & Current (Iron Losses)	**IEC 60076 – 1** (Clause 11.5)
		Applied Voltage Test (High Voltage Test)	**IEC 60076 – 3** (Clause 10)
		Induce Voltage Withstand Test	**IEC 60076 – 3** (Clause 11.2)
		Check of Phase Displacement (Vector Group)	**IEC 60076 – 1** (Clause 11.3)
		Bird Protection Test (Insulation of Top Plate)	**DDS 84:2020** (Clause 18.2 vi)
		Temperature Rise Test	**IEC 60076 – 2** (Clause 7.3 – 7.11)
	Mechanical	Tightness Test (Pressure Test)	**IEC 60076 – 1** (Clause 11.8)

12-08-2025
Date

Sd
Director