



ACCREDITATION DOCUMENT

F-06/02
Issue Date: 18/08/2020
Rev. No: 09
LAB 223

Accreditation No: LAB 223

Awarded to

**Transformer Testing Laboratory, J F Industries (Pvt.) Ltd.
04-KM Manga Mandi Road, Raiwind 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 **30-08-2018** 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 **26-05-2024**.

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

28-05-2021
Date

Sd.
Director General

Testing Laboratory.

Accreditation Scope of
Transformer Testing Laboratory, J F Industries (Pvt.) Ltd.
04-KM Manga Mandi Road, Raiwind Road, Lahore, Pakistan.

Permanent laboratory premises

Materials/ Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured/Range of activities	Reference to standardized method (e.g. IEC 60076-1)/ Internal method reference
Transformers (10 KVA to 630 KVA)	Electrical Testing	Measurement of Load Losses and Impedance Voltage	IEC 60076-1:2011 DDS 84:2020
		Measurement of No Load Losses	IEC 60076-1:2011 DDS 84:2020
		Power Frequency voltage Withstand Test	IEC 60076-3:2013+AM1:2018 DDS 84:2007
		Induced Voltage Withstand Test	IEC 60076-3:2013+AM1:2018 DDS 84:2020
		Measurement of Voltage Ratio (Turn Ratio)	IEC 60076-1:2011 DDS 84:2020
		Measurement of Winding Resistance	IEC 60076-1:2011 DDS 84:2020
		Bird Protection Test	IEC 60076-3:2013+AM1:2018 DDS 84:2020
		Measurement of Vector Group	IEC 60076-1: 2011 DDS 84:2020
		Tank Pressure Test	IEC 60076-1: 2011 DDS 84:2020
		Temperature Rise Test	IEC 60076-2: 2011 DDS 84:2020

27-05-21
Date

Sd.
Director