



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 **26-05-2027**.

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

02-09-2024
Date

SD
Director General



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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 | | |

02-09-2024

Date

Sd

Director