

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 230
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Accreditation No: LAB 230

Awarded to

**Grit (Pvt) Ltd. (Transformer Testing Laboratory)
3.5 - KM, Jiliana Bridge, Off Defence 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 **22-06-2021** 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 **21-06-2027**.

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

17-12-2024

Date

SD

Director General

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Testing Laboratory.

**Accreditation Scope
Of
Grit (Pvt) Ltd. (Transformer Testing Laboratory)
3.5 - KM, Jiliana Bridge, Off Defence Road,
Lahore, Pakistan**

Permanent laboratory premises

Materials/ Products tested	Types of test/ Properties measured	Standard specification/ Techniques/ equipment used
Distribution Transformer (Rating from 10KVA to 630KVA)	NO-LOAD LOSS AND CURRENT MEASUREMENT TEST/ (Iron Losses Test)	<ul style="list-style-type: none"> • IEC 60076-1:2011 • DDS-84:2020
	SHORT CIRCUIT IMPEDANCE AND LOAD LOSS MEASUREMENT TEST / (Copper Losses Test)	<ul style="list-style-type: none"> • IEC 60076-1:2011 • DDS-84:2020
	INDUCED VOLTAGE WITHSTAND TEST	<ul style="list-style-type: none"> • IEC 60076-3:2018 • DDS-84:2020
	APPLIED VOLTAGE (WITHSTAND) TEST/ (Separate Source Over Voltage Withstand Test)	<ul style="list-style-type: none"> • IEC 60076-3:2018 • DDS-84:2020
	VOLTAGE RATIO/ (TURN RATIO) TEST	<ul style="list-style-type: none"> • IEC 60076-1:2011 • DDS-84:2020
	WINDING REISTANCE MEASUREMENT TEST	<ul style="list-style-type: none"> • IEC 60076-1:2011 • DDS-84:2020
Distribution Transformer (Rating from 10kVA to 630kVA)	PHASE POLARITY CHECK	<ul style="list-style-type: none"> • IEC 60076-1:2011 • DDS-84:2020
	BIRD PROTECTION TEST	<ul style="list-style-type: none"> • DDS-84:2020
	TANK PRESSURE TEST	<ul style="list-style-type: none"> • IEC 60076-1:2011 • DDS-84:2020
	TEMPERATURE RISE TEST	<ul style="list-style-type: none"> • IEC 60076-1:2011 • DDS-84:2020

17-12-2024
Date

-Sd-
Director