

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 125
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Accreditation No: LAB 125

Awarded to

MEGA TRANSFORMERS Testing Lab.
04-KM, Main Manga Raiwind Road, Talab Sarai,
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 **20-09-2017** 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 **25-03-2027**.

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

23-09-2024

Date

SD

Director General

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Testing Laboratory.

Accreditation Scope of MEGA TRANSFORMERS Testing Lab.

04-KM, Main Manga-Raiwind Road, Talab Sarai, 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	Electrical Testing	No-load Losses and Current Test / (Iron Losses Test)	<ul style="list-style-type: none"> • DDS-84 : 2020 (Amended to date) • DDS-84 : 2007 (Amended to date) • IEC-60076-1 : 2011
		Short Circuit Impedance and Load Losses Test / (Copper Losses Test)	<ul style="list-style-type: none"> • DDS-84 : 2020 (Amended to date) • DDS-84 : 2007 (Amended to date) • IEC-60076-1 : 2011
		Induced Voltage withstand Test	<ul style="list-style-type: none"> • DDS-84 : 2020 (Amended to date) • DDS-84 : 2007 (Amended to date) • IEC-60076-3 : 2018
		Applied Voltage withstand Test	<ul style="list-style-type: none"> • DDS-84 : 2020 (Amended to date) • DDS-84 : 2007 (Amended to date) • IEC-60076-3 : 2018
		Voltage Ratio / (Turn Ratio) Test	<ul style="list-style-type: none"> • DDS-84 : 2020 (Amended to date) • DDS-84 : 2007 (Amended to date) • IEC-60076-1 : 2011
		Winding Resistance (measurement) Test	<ul style="list-style-type: none"> • DDS-84 : 2020 (Amended to date) • DDS-84 : 2007 (Amended to date) • IEC-60076-1 : 2011
		Phase Displacement Test	<ul style="list-style-type: none"> • DDS-84 : 2020 (Amended to date) • DDS-84 : 2007 (Amended to date) • IEC-60076-1 : 2011
		Temperature Rise Test	<ul style="list-style-type: none"> • DDS-84 : 2020 (Amended to date) • DDS-84 : 2007 (Amended to date) • IEC-60076-2 : 2011
		Bird Protection Test	<ul style="list-style-type: none"> • DDS-84 : 2020 (Amended to date) • DDS-84 : 2007 (Amended to date) • IEC-60076-3 : 2018
		Tank Gas Pressure Test	<ul style="list-style-type: none"> • DDS-84 : 2020 (Amended to date) • DDS-84 : 2007 (Amended to date) • IEC-60076-1 : 2011

23-09-2024

Date

Sd

Director