

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 220
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Accreditation No: LAB 220

Awarded to

**Siddique Sons Transformer (Pvt) Ltd. Testing Lab.
41-km Ferozpur Road, Opposite Mustafabad Sports Stadium,
Mustafabad, 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 **01-04-2021** 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 **31-03-2027**.

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

23-04-2024

Date

SD

Director General

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Testing Laboratory.

Accreditation Scope of Siddique Sons Transformer (Pvt) Ltd. Testing Lab.
41-km Ferozpur Road, Opposite Mustafabad Sports Stadium, Mustafabad,
Kasur, 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 and Power Transformers	Electrical Testing	Applied Voltage Test	IEC 60076-3 Edition 3.1 2018-03 (Clause 10)
		Induced Voltage withstand Test	IEC 60076-3 Edition 3.1 2018-03 (Clause 11.2)
		Measurement of No-Load Loss and Current	IEC 60076-1 Edition 3.0 2011-04 (Clause 11.5)
		Measurement of Short-Circuit Impedance and Load Loss	IEC 60076-1 Edition 3.0 2011-04 (Clause 11.4)
		Measurement of Winding Resistance	IEC 60076-1 Edition 3.0 2011-04 (Clause 11.2)
		Measurement of Voltage Ratio	IEC 60076-1 Edition 3.0 2011-04 (Clause 11.3)
		Check of Phase Displacement	IEC 60076-1 Edition 3.0 2011-04 (Clause 11.3)
		Temperature Rise Test	IEC 60076-2 Edition 3.0 2011-02 (Clause 7.3-7.7)
	Mechanical Testing	Bird Protection Test	DDS 84: 2020 (Clause 15.2.3)
		Leak Testing with Pressure for Liquid Immersed Transformer (Tightness Test)	IEC 60076-1 Edition 3.0 2011-04 (Clause 11.8)

23-04-2024

Date

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Director