

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 064
---	-----------------------------------	---

Accreditation No: LAB 064

Awarded to

**Laboratory of
Hammad Engineering Company (Pvt.) Ltd.**
162, Muzammil Town 19 Km Multan 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 **05-08-2013** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2005**. The accreditation requires regular surveillance, and is valid until **04-08-2019**. 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

Date

Director General

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 064
---	-----------------------------------	---

Testing Laboratory.

Accreditation Scope for the **Laboratory of Hammad Engineering Company (Pvt.) Ltd.**
162 Muzammil Town, 19-Km Multan Road, Lahore, Pakistan.

Permanent laboratory premises

Materials/P roducts tested/ Test ID #	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Standard specification/ Techniques/ equipment used
HEC/LMS-STM-01	Electrical Testing	Load Losses (Copper loss) & Impedance	DDS 84: 2007 IEC 60076/ Precision Power Analyser
HEC/LMS-STM-02	Electrical Testing	No Load Losses (Iron loss) & No load Current	DDS 84: 2007 IEC 60076/ Precision Power Analyser
HEC/LMS-STM-03	Electrical Testing	Separate Source Over Voltage Withstand Test	DDS 84: 2007 IEC 60076/ HV Test Bench
HEC/LMS-STM-04	Electrical Testing	Induced Over Voltage Withstand Test	DDS 84: 2007 IEC 60076/ Induced Over Voltage Test Bench
HEC/LMS-STM-05	Electrical Testing	Winding Resistance of Transformer	DDS 84: 2007 IEC 60076/ High Resolution Micro-Ohm Meter
HEC/LMS-STM-06	Electrical Testing	Turn Ratio Test	DDS 84: 2007 IEC 60076/ Megger TTR 25
HEC/LMS-STM-07	Electrical Testing	Heat Run Test	DDS 84: 2007 IEC 60076/ Liquid in glass Thermometer

Date

Director