

10.6 Schedule of Accreditation

Issue No: 1/ Issue Date: 28 September 2017
Accreditation Manager: Atta Subhan



Testing Laboratory No. ATL 0007

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognised International Standard ISO/IEC 17025:2005, “General requirements for the competence of testing and calibration laboratories”

Emirates Transformer and Switchgear LTD - Laboratory	
Issue No: 1	Issue Date: 28 September 2017
Address. Post Box No 16842 Jebel Ali Dubai United Arab Emirates	Contact: Unmesh Kawale Tel: +971-4-8816288 / 00 9715 05547955 Fax: +971-4-8816693 Email: unmesh@emiratestransformer.ae Web Address: www.emiratestransformer.ae

Locations where testing activities covered by the above Accreditation Standard are undertaken

1- address: Emirates Transformer and Switchgear LTD Head Office. P.O Box 16842 Jebel Ali- Dubai- UAE

For the following scope:

Version: 2

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Date: 5 January 2016

Approved by: Brahim Houla

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GAC



ACCREDITED
TESTING
ISO/IEC 17025:2005
No. ATL 0007

Scope:

03. Performance and Approvals Testing

03.05. Inductor and transformer testing

- 03.05.14. Voltage transformers and protective voltage transformers
- 03.05.18. Pulse transformers
- 03.05.19. Auto transformers
- 03.05.20. Phase shifting transformers

Scope details are as follows:

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TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Transformer Testing	Transformer	Routine Test / Winding Resistance	IEC 60076 -1 (11.2) / 2011-04/3.0 Micro Ohm Meter
		Routine Test / Ratio & Phase Displacement	IEC 60076 -2 (11.3) / 2011-04/3.0- Ratio Meter
		Outline Test / Load Loss & Impedance	IEC 60076 -1 (11.4) / 2011-04/3.0 Power Meter / Power Analyzer
		Routine Test / No Load Loss & Current	IEC 60076 -1 (11.5) / 2011-04/3.0 Power Meter / Power Analyzer & CT& PT
		Routine Test / Di lectric Tests (Applied Voltage Test)	IEC 60076 -3 (10) / 2013-07/3.0 150KV & 5KV HV Kit
		Routine Test / Di Electric Tests (Induced Voltage Withstand Test)	IEC 60076 -3 (11.2) / 2013-07/3.0 Power Meter / Power Analyzer 200KV Generator & CT, PT
		Routine Test / Test on ON – Load Tap Changer	IEC 60076 -1 (11.5) / 2011-04/3.0 Power Meter / Power Analyzer & CT& PT
		Routine Test / Core & Frame Insulation Test	IEC 60076 -1 (11.12) / 2011-04/3.0 Insulation Resistance Meter
		Routine Test / Insulation Resistance Test	IEC 60076 -1 (11.1.2.2) / 2011-04/3.0 Insulation Resistance Meter
		Routine Test / Oil Di Electric Test	IEC 60156 / 1995-07 / 2.0 Oil BDV Test Kit

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	Transformer, Ring Main Unit, Low & Medium Voltage Switchgear	Type Test / Temperature Rise Test	IEC 60076 -2 / 2011-02/3.0 Power Meter / Power Analyzer, Temp. Recorder, CT& PT
	Transformer	Type Test / Di Electric Type Test /Lightning Impulse Tests	IEC 60076 -3 (13.2) / 2013-07/3.0 /Impulse Generator
	Transformer, Ring Main Unit, Low & Medium Voltage Switchgear	Type Test / Di Electric Special Test/ Lightning Impulse Tests (With & Without Chopping)	IEC 60076 -3 (13.3) / 2013-07/3.0, IEC 60060 / 61439 Impulse Generator
	Transformer	Type Test / Sound Level Test	IEC 60076 -10 / 2001-05/1.0 Sound Level Meter
		Special Test / Measurement of Zero- Sequence Impedance	IEC 60076 -1 (11.1.4.f) / 2011-04/3.0 Power Meter / Power Analyzer, CT& PT
		Special Test /Determination Of Capacitance & Tan Delta	IEC 60076 -1 (11.1.4.C & D) / 2011-04/3.0 (Capacitance & Tan Delta Kit)
		Special Test / Dissolved Gases in Di-Electric Oil	IEC 60599 / 1999-03/2.0 (DGA Kit)
		Special Test / Water Content	IEC 60814 / 1997-08/2.0 (Karl Fischer Kit)
		Partial Discharge Test	IEC/EN 60076-3 / IEC/EN 60270 Partial Discharge Measurement kit

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	Transformer Painted/Powder coated samples/ components	Salt Spray Test	ISO 9227, ISO 12944-2,6, ISO 4628-1,2,3,4,5 Salt Spray Tester
		Adhesion/ Cross cut test	ISO 2409 Adhesion tester
		Pressure Test	TM/QTL/03, BS EN 50464-4

Note: the text in blue indicates the new scope in this issue of the schedule of accreditation.

END

Emirates Transformer and Switchgear LTD is recorded as issuing GAC accredited reports to organizations in the countries listed below. This list is current at the time of issue of this schedule.

United Arab Emirates	Bahrain	Saudi Arabia	Oman	Qatar	Kuwait	Yemen