

10.6 Schedule of Accreditation

Issue No: 1/ Issue Date: 16-03-2017
File Manager: Hamza Khan



Calibration Laboratory No. ACL0005

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

ALFANAR Calibration Laboratory	
Issue No: 1	Issue Date: 16-03-2017
Address. 1765, Othman Al-rady St. Al-Remal Area, Riyadh, Kingdom of Saudi Arabia	Contact: Ahmed Abbas Tel: +966920006111 Fax: : +966 11 4945474 Email: ahmed.abbas@alfanar.com Web Address:

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

1- **Address:** 1765, Othman Al-rady St. Al-Remal Area, Riyadh, Kingdom of Saudi Arabia

For the following scope:

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GAC

مركز الاعتماد الخليجي
GCC ACCREDITATION CENTER



ACCREDITED
CALIBRATION
ISO/IEC 17025:2005
No. ACL0005

Scope: GAC main fields

1.38 Instrument calibrators

- .01 D.C. voltage
- .02 A.C. voltage
- .11 D.C. current
- .12 A.C. current
- .51 Resistance

1.39 Indicating and recording instruments

- .01 D.C. voltmeters
- .02 A.C. voltmeters
- .03 D.C. ammeters
- .04 A.C. ammeters
- .09 Ohmmeters
- .10 LCR meters

Scope details are as follows:

Version: 2

Date: 5 June 2016

Approved by: Brahim Houla

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Measurand / Equipment	Measuring Range	CMC (k=2)	Method (standard/guide + internal procedure)	Permanent lab (P) / Client-site (S) *
Instrument calibrators (D.C. voltage)	100 mV	7 μ V	ACL/LAB/CAL.P/07	P
	1 V	3.1 mV		
	10 V	0.3 mV		
	100 V	4.5 mV		
	1000 V	51 mV		
Instrument calibrators (A.C. voltage)	100 mV	12.4 μ V	ACL/LAB/CAL.P/10	P
	1 V	902 μ V		
	10 V	9.0 mV		
	100 V	90.5 μ V		
	1000 V	826 mV		
Instrument calibrators (D.C. Current)	10 mA	8.7 μ A	ACL/LAB/CAL.P/06	P
	100 mA	56 μ A		
	1 A	43 mA		
	10 A	15.9 mA		
Instrument calibrators (A.C. Current)	10 mA	20 μ A	ACL/LAB/CAL.P/10	P
	100 mA	142 μ A		
	1 A	1.41 mA		
	10 A	21 mA		
	10 Ω	4.0 m Ω		P

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Measurand / Equipment	Measuring Range	CMC (k=2)	Method (standard/guide + internal procedure)	Permanent lab (P) / Client-site (S) *
Instrument calibrators (Resistance)	100 Ω	14 m Ω	ACL/LAB/CAL.P/08	
	1 k Ω	0.12 Ω		
	10 k Ω	1.1 Ω		
	100 k Ω	11 Ω		
	1 M Ω	110 Ω		
Indicating and recording instruments (D.C. Voltmeter)	100 mV	12 μ V	ACL/LAB/CAL.P/02	P
	1 V	3.1 mV		
	10 V	1.1 mV		
	100 V	11.9 mV		
	1000 V	95 mV		
Indicating and recording instruments (A.C. Voltmeter)	100 mV	116 μ V	ACL/LAB/CAL.P/04	P
	1 V	1.1 mV		
	10 V	10.8 mV		
	100 V	101.8 μ V		
	1000 V	1036 mV		
Indicating and recording instruments (D.C. Ammeter)	10 mA	9 μ A	ACL/LAB/CAL.P/06	P
	100 mA	62 μ A		
	1 A	43 mA		
	10 A	17 mA		

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Indicating and recording instruments (A.C. Current)	10 mA	23 μ A	ACL/LAB/CAL.P/05	P
	100 mA	181 μ A		
	1 A	2.05 mA		
	10 A	31 mA		
Indicating and recording instruments (Ohmmeter)	10 Ω	25.3 m Ω	ACL/LAB/CAL.P/03	P
	100 Ω	38 m Ω		
	1 k Ω	0.26 Ω		
	10 k Ω	2.6 Ω		
	100 k Ω	30 Ω		
	1 M Ω	320 Ω		

END

Alfanar Calibration Laboratory is recorded as issuing GAC accredited certificates 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