

شهادة اعتماد

رقم CL 007



يقر نظام الاعتماد العراقي بأن:

الجهاز المركزي للتقييس والسيطرة النوعية/ قسم المقاييس/ شعبة القياسات

الكهربائية والالكترونية/ مختبر الكهرباء

العراق - بغداد - الجادرية

تم اعتماده وفقا لمتطلبات المواصفة ISO/ IEC 17025:2017
(المتطلبات العامة لاهلية مختبرات الفحص والمعايرة)

في مجال:

- معايرة الكهرباء

شرط التوافق مع متطلبات المواصفة اعلاه ومتطلبات IQAS الخاصة بالاعتماد
مجال الاعتماد المرفق بالشهادة يعتبر جزءا لا يتجزء منها
يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني

<https://iqas.mop.gov.iq>

يكون الاعتماد نافذا من ٢٠٢٣/٥/٣٠ الى ٢٠٢٥/٥/٢٩
تاريخ منح الاعتماد لأول مرة
٢٠١٨/٣/١٢

لقد

أ.د. محمد علي تميم
نائب رئيس مجلس الوزراء
وزير التخطيط

٢٠٢٢/٦/٢١

د. محمد لطيف أحمد
مدير عام الهيئة العراقية للاعتماد/ وكالة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. CL 007



Iraqi Accreditation System Certify that:

**Central Organization for Standardization and Quality
Control / Metrology Department / Electrical &
Electronics Measurements Section / Electricity
Laboratory**

Iraq – Baghdad – Al-Jadriya

Is accredited according to the requirements of the standard ISO/IEC 17025:2017
(General Requirements for the Competence of Testing and Calibration Laboratories)

In the field of:

- Electricity Calibration

This accreditation is subject to with the above standard & IQAS requirements

The scope of accreditation is attached to the certificate & considered as part of it

The most recent issue of the accreditation scope is available on IQAS website

<https://iqas.mop.gov.iq>

Accreditation is valid From 30/5/2023 To 29/5/2025

Initial accreditation date

12/3/2018

Dr. Mohammed Lateef Ahmed
General Manager of IQAS

Dr. Mohammed Ali Tamim
Deputy Prime Minister
Minister of Planning

لَقَدْ

21-6-2023

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq – Baghdad – Al-Jadriya	Organization name : Central Organization for Standardization and Quality Control / Metrology Department / Electrical & Electronics Measurements Section / Electricity Laboratory	Accreditation no.: CL 007
Signature: Abdul Wahid Mohammed Ibrahim Deputy General Manager	Accreditation is valid: From 30/5/2023 To 29/5/2025	Issue no. : 003

Calibration Field	Type of Instrument or Material to be Calibrated or Measured	Measurand or Reference Material	Calibration Method	Measurement Range	Uncertainty ($\pm$)	Location
Electrical	Sourcing	Calibrator (DC)V	User manual (catalogue) of calibrator 5522 A/ Fluke	100mV-1V 1V-5V 5V-10V 10V-20V 100V-200V 200V-500V 500V-1000V	0.00163mV 0.0000395V 0.000041V 0.000583V 0.00061V 0.00338V 0.00620V	Lab
Electrical	Sourcing	Calibrator (DC)A	User manual (catalogue) of calibrator 5522 A/ Fluke	0 μ A-100 μ A 1mA-10mA 10mA-100mA 1A-5A 5A-10A 10A-20A	0.00189 μ A 0.000207mA 0.0057mA 0.00240A 0.0044A 0.0049A	Lab
Electrical	Sourcing	Calibrator Ohm	User manual (catalogue) of calibrator 5522 A/ Fluke	0 Ω -1 Ω 1 Ω -10 Ω 10 Ω -100 Ω 1K Ω -10K Ω 10K Ω -100K Ω 1M Ω -10M Ω 10M Ω -100M Ω 1G Ω	0.0000263 Ω 0.00018 Ω 0.00095 Ω 0.0000892K Ω 0.000972K Ω 0.000323M Ω 0.0225M Ω 0.0025G Ω	Lab
Electrical	Sourcing	Calibrator (AC)A @55HZ	User manual (catalogue) of calibrator 5522 A/ Fluke	0 μ A-100 μ A 1mA-10mA 10mA-100mA 1A-10A 10A-20A	0.0724 μ A 0.00339mA 0.0335mA 0.0103A 0.0186A	Lab

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Electrical	Sourcing	Calibrator (AC)A @1KHZ	User manual (catalogue) of calibrator 5522 A/ Fluke	0μA-100μA 1mA-10mA 10mA-100mA 1A-10A 10A-20A	0.0724μA 0.00339mA 0.0335mA 0.0104A 0.0186A	Lab
Electrical	Sourcing	Calibrator (AC)V @55Hz	User manual (catalogue) of calibrator 5522 A/ Fluke	0mV-100mV 1V-10V 10V-100V 100V-500V 500V-1000V	0.0112mV 0.00078V 0.0078V 0.0548V 0.0966V	Lab
Electrical	Sourcing	Calibrator (AC)V @1KHz	User manual (catalogue) of calibrator 5522 A/ Fluke	0mV-100mV 1V-10V 10V-100V 100V-500V 500V-1000V	0.0109mV 0.000776V 0.0078V 0.0548V 0.0966V	Lab
Electrical	Measuring	Digital Multi Meter (DC)V	User manual (catalogue) of multimeter 8508A/fluke	0mV-100mV 1V-3V 3V-10V 10V-30V 100V-300V 300V-1000V	0.0027mV 0.164V 0.00019V 0.0008V 0.0061V 0.021V	Lab
Electrical	Measuring	Digital Multi Meter (DC)A	User manual (catalogue) of multimeter 8508A/fluke	0μA-100μA 1mA-10mA 10mA-100mA 1A-5A 5A-10A 10A-20A	0.0131μA 0.00045mA 0.0083mA 0.002A 0.0148A 0.148A	Lab
Electrical	Measuring	Digital Multi Meter Ohm	User manual (catalogue) of	0Ω-1Ω 10Ω-100Ω 1KΩ-10KΩ	0.00011Ω 0.0049Ω 0.0004KΩ	Lab

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			multimeter 8508A/fluke	10KΩ-100KΩ 1MΩ-10MΩ 10MΩ- 100MΩ 1GΩ	0.0034KΩ 0.0015MΩ 0.078MΩ 0.00571MΩ	
Electrical	Measuring	Digital Multi Meter (AC)A @55HZ	User manual (catalogue) of multimeter 8508A/fluke	0μA-100μA 1mA-10mA 10mA-100mA 1A-10A 10A-20A	0.02μA 0.002mA 0.0100mA 0.0022A 0.0054A	Lab
Electrical	Measuring	Digital Multi Meter (AC)A @1KHZ	User manual (catalogue) of multimeter 8508A/fluke	0μA-100μA 1mA-10mA 10mA-100mA 1A-10A 10A-20A	0.02μA 0.001mA 0.010mA 0.0022A 0.0021A	Lab
Electrical	Measuring	Digital Multi Meter (AC)V @55Hz	User manual (catalogue) of multimeter 8508A/fluke	10mV-100mV 100mV-1V 1V-10V 10V-100V 100V-1000V	0.0080mV 0.0080mV 0.0021V 0.015V 0.0109V	Lab
Electrical	Measuring	Digital Multi Meter (AC)V @1KHz	User manual (catalogue) of multimeter 8508A/fluke	10mV-100mV 100mV-1V 1V-10V 10V-100V 100V-1000V	0.0166mV 0.0166mV 0.0021V 0.018V 0.0215V	Lab