

شهادة اعتماد

رقم CL 008



يقر نظام الاعتماد العراقي بأن:

الجهاز المركزي للتقييس والسيطرة النوعية/ قسم المقاييس/ شعبة القياسات
الفيزيائية/ مختبر الحرارة

العراق - بغداد - الجادرية

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

في مجال:

- معايرة درجة الحرارة

شرط التوافق مع متطلبات المواصفة اعلاه ومتطلبات IQAS الخاصة بالاعتماد
مجال الاعتماد المرفق بالشهادة يعتبر جزءا لا يتجزأ 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

٢٠١٨/٥/٢٢

نقد

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

٢٠٢١/٦/٢٠

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

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. CL 008



Iraqi Accreditation System Certify that:

**Central Organization for Standardization and Quality
Control / Metrology Department / Physical Measurements
Section/ Temperature 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:

- **Temperature 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
22/5/2018

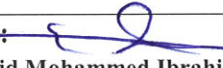
Dr. Mohammed Lateef Ahmed
General Manager of IQAS

نقطة
Dr. Mohammed Ali Tamim
Deputy Prime Minister
Minister of Planning

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 / Physical Measurements Section/ Temperature Laboratory	Accreditation no.: CL 008
Signature:  Abdul Wahid Mohammed Ibrahim Deputy General Manager	Accreditation is valid: From 30/5/2023 To 29/5/2025	Issue no. : 002

Calibration Field	Type of Instrument or Material to be Calibrated or Measured	Measurand or reference material	Calibration Method	Measurement Range	Uncertainty (±)	Location
Temperature	Liquid in glass thermometers	Liquid bath RTD thermometers + Reader	OIML R 133 MSL technical guide No. 1 ASTM E 77 DMS 2003 OIML R 84 Traceable temperature (an introduction to temperature measurement and calibration second edition	(0-200) °C	AT (0) =±0.12 °C	Lab
Temperature	Bimetallic thermometers				UP To 200 =±0.03	
Temperature	Digital thermometers					
Temperature	Drying oven	Thermocouple type (J) + Reader	EURAMET /cg- 20-v-5.0 UKAS M3003 DIN EN 60068-3-5 DIN 12880	(-20-1000)°C	UP To 500°C= 0.1°C	Lab / site
Temperature	Liquid bath				0°C To- 40°C =±0.2°C	
Temperature	Incubator				0 To 900°C=±0.0 8°C	
Temperature	Refrigerator	Thermocouple				

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
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Calibration Field	Type of Instrument or Material to be Calibrated or Measured	Measurand or reference material	Calibration Method	Measurement Range	Uncertainty (±)	Location
Temperature	Freezer	type (J) OR (T) + Reader				
Temperature	Furnace	Thermocouple type (k) + Reader				
Temperature	Liquid Calibration bath	SPRT + Reader	Euramet calibration guide no. 13 version 4.0	(-20-1000)°C	0 To 600°C = 0.4°C	Lab
Temperature	Dry blocks				0 To 100°C = ±0.08°C	
Temperature	Thermocouple	Thermocouple type S + Reader Liquid bath Furnace	MSL technical guide No. 1 OIML No. R 84 ASTM E2877-12 Euramet Guidelines No. 8 Version 3.0 DKD-R 5-1, DKD-R 5-3 and DKD-R-5-4	(-20-1000)°C	0 To 900°C = ±0.08°C	Lab
Temperature	Platinum resistance thermometer RTD	SPRT + Reader Liquid bath Furnace			0 To 600°C = ±0.4°C	