

شهادة اعتماد

رقم TL 207



يقر نظام الاعتماد العراقي بأن:

مختبر الحلفاية للفحوصات الإنشائية

العراق – ميسان- العمارة -عواشة الكورنيش قرب نقابة المهندسين العراقية-فرع العمارة

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

في مجال:

- اختبارات المواد الإنشائية
- اختبارات المواد المعدنية
- اختبارات المواد البلاستيكية

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 2025/3/10 الى 2027/3/9

تاريخ منح الاعتماد لأول مرة

2025/3/10

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

المهندسة
بان ابراهيم نوروز
مدير عام الهيئة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 207



Iraqi Accreditation System Certify that:

Laboratory of Al-Halfaya for Construction Tests

Iraq- Maysan -Al-Amara- Awash Al-Corniche- near the Iraqi Engineers Union -Al-Amara Branch

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:

- Construction Materials Testing
- Metallurgical Materials Testing
- Polymer Materials Testing

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 10/3/2025 To 9/3/2027

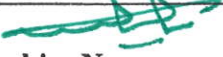
Initial accreditation date
10/3/2025


Eng. Ban Ibrahim Nawrooz
Director General of IQAS


Dr. Mohammed Ali Tamim
Deputy Prime Minister
Minister of Planning

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Maysan -Al-Amara- Awash Al-Corniche- near the Iraqi Engineers Union -Al- Amara Branch	Organization name: Laboratory of Al-Halfaya for Construction Tests	Accreditation no.: TL 207
Signature:  Eng. Ban Ibrahim Nawrooz Director General of IQAS	Accreditation is valid: From 10/3/2025 To 9/3/2027	Issue no.: 001

Testing field	Type of test	Test object or product	Reference to standardized method
Mechanical	Determination of compressive strength	Concrete cube	Iraqi guide: 348:2017
Mechanical	Determination of density	Concrete cube	Iraqi guide: 274:1992
Mechanical	Determination of compressive strength	Clay brick	IQS: 24 IQS: 25
Physical	Determination of absorption	Clay brick	IQS: 24 IQS: 25
Physical	Determination of dimension	Clay brick	IQS: 24 IQS: 25
Physical	Determination of efflorescence	Clay brick	IQS: 24 IQS: 25
Physical	Determination of overall appearance	Clay brick	IQS: 24 IQS: 25
Physical	Standard test method for laboratory compaction characteristics using modified effort (56,000 ft-lbf/ft ³ (2,700 kN-m/m ³))	Soil	ASTM D1557
Physical	Standard test method for density and unit weight in place by sand-cone method	Soil	ASTM D1556
Physical	Determination of particle size and shape	Aggregates	Iraqi guide no. 30
Physical	Determination of dimensions	Load bearing concrete masonry units	Iraqi guide no. 32
Mechanical	Determination of compressive strength	Load bearing concrete masonry units	Iraqi guide no. 32
Physical	Determination of absorption	Load bearing concrete masonry units	Iraqi guide no. 32
Physical	Determination of density	Load bearing concrete masonry units	Iraqi guide no. 32

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Physical	Determination of dimensions	Concrete pavement bricks	ASTM C140
Mechanical	Determination of compressive strength		
Physical	Determination of Absorption		
Physical	Determination of Compression	Portland cement	Iraqi guide no. 198
	Determination of Initial and final setting time		
Mechanical	Standard Test Method for California Bearing Ratio (CBR)	Soils	ASTM D1883-21
Mechanical	Standard Test Methods for Liquid Limit and Plastic Limit	Soils	ASTM D 4318
Physical	Standard method of test for sieve analysis	Fine and coarse aggregates	AASHTO T27
Physical	Determination of the particle-size distribution using sieves with square openings.	Fine and coarse aggregates extracted from asphalt mixtures	ASHTO T30
Physical	Standard test method for density	Non-absorptive compacted asphalt mixtures	ASTM D2726
Physical	Standard Test Method for Marshall Stability and Flow	Asphalt mixtures	ASTM D6927
Physical	Standard Method of Test for Theoretical Maximum Specific Gravity (G mm)	Asphalt mixtures	AASHTO T209
Physical	Standard Test Method for Thickness or Compacted Height	Asphalt mixture	ASTM D3549
Physical	Standard Test Methods for Quantitative Extraction	Asphalt binder from asphalt mixtures	ASTM D2172
Physical	Standard Test Method for Softening Point (Ring-and-Ball Apparatus)	Bitumen	ASTM D36
Physical	Standard Test Method for Penetration	Bituminous materials	ASTM D5
Physical	standard test method for flash and fire points by Cleveland open cup tester	Bitumen	ASTM D92
Physical	Standard Test Method for Ductility	Asphalt materials	ASTM D113

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Mechanical	Determination of tensile strength	Reinforcing steel bars	ASTM A370 ASTM A615M
Mechanical	Determination of yield strength	Reinforcing steel bars	ASTM A370 ASTM A615M
Mechanical	Determination of elongation	Reinforcing steel bars	ASTM A370 ASTM A615M
Mechanical	Determination of Bending	Reinforcing steel bars	ASTM A370 ASTM A615M ASTM E290
Mechanical	Standard Test Methods for Allowable working pressures	PVC-U pipes	DIN 8061