

شهادة اعتماد

رقم TL 224



يقر نظام الاعتماد العراقي بأن:
**المختبر الهندسي/ المكتب الاستشاري الهندسي/ كلية
الهندسة/ جامعة الشرطة**
العراق - ذي قار- الشرطة

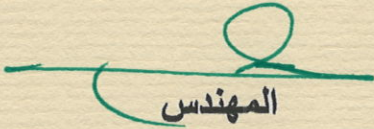
تم اعتماده وفقا لمتطلبات المواصفة ISO/ IEC 17025:2017
(المتطلبات العامة لاهلية مختبرات الفحص والمعايرة)
في مجال:

- اختبارات المواد الانشائية
- اختبارات المواد المعدنية
- اختبارات المواد البلاستيكية

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 2025/6/3 الى 2027/6/2
تاريخ منح الاعتماد لأول مرة
2025/6/3

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


المهندس
عبد الواحد محمد ابراهيم
مدير عام الهيئة/ وكالة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 224



Iraqi Accreditation System Certify that:
**Engineering Laboratory/ Engineering Construction
Bureau/ College of Engineering/ University of
Shatrah**
Iraq – Dhi Qar – Al-Shatra

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:

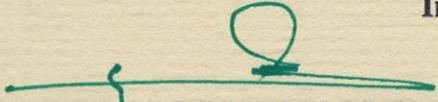
- Construction Materials Testing
- Metallurgical Materials Testing
- Polymer Materials Testing

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 3/6/2025 To 2/6/2027

Initial accreditation date
3/6/2025


Eng. Abdul Wahid M. Ibrahim
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 – Dhi Qar – Al-Shatra	Organization name: Engineering Laboratory/ Engineering Construction Bureau/ College of Engineering/ University of Shatrah	Accreditation no.: TL 224
Signature:  Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 3/6/2025 To 2/6/2027	Issue no.: 001

Testing field	Type of test	Test object or product	Reference to a standardized method
Mechanical	Determination of compressive strength	Concrete cube	Iraqi guide no. 348:2017
Physical	Determination of density	Concrete cube	Iraqi guide no 274:1992
Physical	Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index	Soil	ASTM D 4318 (SORB\R5) and its amendments for the year 1999 and 2003
Physical	Standard Test Method for Density and Unit Weight in Place by Sand-Cone Method	Soil	ASTM D1556 (SORB\R5) and its amendments for the year 1999 and 2003
Physical	Standard test method for laboratory compaction characteristics of soil using modified effort	Soil	ASTM D1557 (SORB\R5) and its amendments for the year 1999 and 2003
Mechanical	Standard test method for California Bearing Ratio (CBR)	Soil	ASTM D1883 (SORB\R5) and its amendments for the year 1999 and 2003
Physical	Standard test method for particle-size distribution (gradation) using sieve analysis	Soil	ASTM D6913 (SORB\B5) and its amendments for the year 1999 and 2003
Physical	Standard test method for consolidated drained triaxial compression test	Soil	ASTM D7181 (SORB\R5) and its amendments for the year 1999 and 2003
Physical	Standard test methods for one-dimensional consolidation properties using incremental loading	Soil	ASTM D2435 (SORB\R5) and its amendments for the year 1999 and 2003

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Physical	Standard test method for direct shear test of under consolidated drained conditions	Soil	ASTM D3080 (SORB\R5) and its amendments for the year 1999 and 2003
Physical	Standard test method for density of soil in place by the drive-cylinder method	Soil	ASTM D2937
Chemical	Methods of test for soils for civil engineering purposes	Soil	BS 1377-3 SORB
Mechanical	Determination of breaking load	Precast concrete flags	IQS 1107\1988 amendment no.\1\2002
Physical	Determination of dimensions	Precast concrete flags	IQS 1107\1988 amendment no. \1\2002
Physical	Determination of absorption	Precast concrete flags	IQS 1107\1988 amendment No.\1\2002
Physical	Determination of surface quality	Precast concrete flags	IQS 1107\ 1988 amendment No.\1\2002
Chemical	Sulphate content of hardened concrete (SO ₃)	Precast concrete flags	BS 1881-124:2015
Chemical	Methods of test for soils for civil engineering purposes	Subbase	BS 1377-3 SORB
Chemical	Methods of test for the soils for civil engineering purposes	Sand	BS 1377-3 SORB
Chemical	Methods of test for soils for civil engineering purposes	Gravel	BS 1377-3 SORB
Mechanical	Standard test method for ductility	Asphalt	ASTM D113 AASHTO: TSI-08
Physical	Standard test method for bulk specific gravity and density of non-absorptive compacted mixtures	Asphalt	D2726 ASTM D3549 AASHTO T166-11
Physical	Test method for resistance of plastic flow mixtures using Marshall apparatus	bituminous	AASHTO T245 ASTM D 6927

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Physical	Standard Method of Test for Penetration	Bituminous	ASTM D5 / D5M AASHTO T 49
Physical	Standard Method of Test for Saybolt Viscosity	Bituminous Materials	AASHTO T 72 ASTM D88
Physical	Standard Test Methods for Quantitative Extraction of from Asphalt Mixtures	Asphalt	AASHTO T 164 ASTM D2172 (Method A)
Physical	Standard Method of Test for Resistance to Degradation by Abrasion and Impact in the Los Angeles Machine	Small-Size Coarse Aggregate	AASHTO T 96
Physical	Standard Test Method for sand equivalent value of soils and find aggregate	Asphalt	ASTM D2419 AASHTO T 176
Physical	Standard Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los .Angeles Machine	boulder	ASTM C535
Mechanical	Determination of ultimate tensile strength	Steel reinforcing bars	ASTM A370:2021 ASTM A615:2020
Mechanical	Determination of yield strength	Steel reinforcing bars	ASTM A370:2021 ASTM A615:2020
Mechanical	Determination of elongation	Steel reinforcing bars	ASTM A370:2021 ASTM A615:2020
Mechanical	Determination of bending	Steel reinforcing bars	ASTM A370:2021 ASTM A615:2020
Physical and Mechanical	Determination of dimensions and hydrostatic test (bar)	U-PVC	DIN 8061 DIN 8062 DIN 8063 IQS 5160-2 :2022