وزارة التخطيط
الهيأة العراقية للاعتماد
IQAS

شـــهـادة اعتـــمـاد

رقم TL 224

نظام الاعتماد العراقي
IRAQI ACCREDITATION SYSTEM
IQAS

يقر نظام الاعتماد العراقي بأن:

المختبر الهندسي/ المكتب الاستشاري الهندسي/ كلية الهندسة/ جامعة الشطرة

العراق – ذي قار- الشطرة

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 لايتجزء 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 لاول مرة
2025/6/3

لعلنا

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

المهندس
عبد الواحد محمد ابراهيم
مدير عام الهيأة/ 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 foe 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**