وزارة التخطيط
الهيأة العراقية للاعتماد
IQAS

شـــهـادة اعتـمـاد

رقم TL 238

نظام الاعتماد العراقي
IRAQI ACCREDITATION SYSTEM
IQAS

يقر نظام الاعتماد العراقي بأن:

مختبر شركة الفضاء لفحص التربة والركائز والخدمات الهندسية والاستشارات الهندسية وفحص مواد البناء والاعمال الكونكريتية

العراق - بغداد -شارع فلسطين خلف محطة الوقود الدولية

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

في مجال:

- اختبارات المواد الانشائية
- اختبارات المواد المعدنية

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 2025/7/30 الى 2027/7/29
تاريخ منح الاعتماد لاول مرة
2025/7/30

المهندس
عبد الواحد محمد ابراهيم
مدير عام الهيأة/ وكالة

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

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 238

Iraqi Accreditation System Certify that:

Laboratory of Al Fadhaa Company for Soil and Pile Testing, Consultant and Engineering Services, Construction Materials Testing and Concrete Works

Iraq- Baghdad- Palestine St.

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

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 30/7/2025 To 29/7/2027
Initial accreditation date
30/7/2025

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- Baghdad- Palestine St.**	**Organization name:** **Laboratory of Al Fadhaa Company for Soil and Pile Testing, Consultant and Engineering Services, Construction Materials Testing and Concrete Works**	**Accreditation no.:** **TL 238**
Signature: **Eng. Abdul Wahid M. Ibrahim** **Director General of IQAS**	**Accreditation is valid:** **From 30/7/2025 To 29/7/2027**	**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 no.348:2017
Physical	Determination of density	Concrete cube	Iraqi guide:274
Mechanical	Determination of Compressive Strength	Thermo stone	Iraqi guide :810
Mechanical	Determination of Compressive Strength	Portland cement	Iraqi guide no. 198-1
Physical	Time of Setting of Hydraulic Cement	Portland cement	ASTM C 191:2021
Chemical	Chemical analysis	Hydraulic cement	ASTM C 114:2023
Mechanical	Determination of Compressive Strength	Natural stone for construction uses	Iraqi guide : 65
Physical	Sieve Analysis	Aggregate	IQS 30:1981
Mechanical	Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	Aggregate	ASTM C 131:2020
Chemical	Determination of the sulfate content	Aggregate	Iraqi Guide: 500-4
Mechanical	Determination of Compressive Strength	Clay brick	IQS 24:1988 IQS 25:1988
Physical	Determination of dimension		
Physical	Determination of water absorption		
Physical	Determination of efflorescence		
Mechanical	Determination of Compressive Strength	Concrete Masonry units	Iraqi guide: 32
Mechanical	Determination of Compressive Strength	Solid concrete interlocking paving units	ASTM C 140/140 M:2022
Mechanical	Determination of tensile strength	Reinforcing steel bar	ASTM A370 ASTM A615M
	Determination of yield strength		
	Determination of elongation		
Physical	Sieve Analysis	Sub base, Soil	ASTM C 136:2019 SORB.R6 and its amendments: 1999-2003
Physical	Laboratory Compaction characteristics	Sub base, Soil	ASTM D 1557:2021 SORB .R 5:1999
Physical	Density and unit weight in place by	Sub base, Soil	ASTM D 1556

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	sand-cone		**SORB .R5 and its amendments: 1999-2003**
Physical	**Specific gravity**	**Soil**	**ASTM D 854:2023**
Physical	**Liquid limit, Plastic Limit and plasticity index**	**Soil**	**ASTM D 4318:2017**
Chemical	**Determination of soil of the sulfate content**	**soil**	**BS. 1377-3:2021**
Chemical	**Soluble salts determination**	**soil**	**Earth manual E8**
Chemical	**Determination of organic material**	**Soil**	**ASTM D 2974:2020**
Physical	**Sieve analysis**	**Soil**	**ASTM C136 :2019**
Physical	**Determining the amount of material finer than 75 µm**	**Soil**	**ASTM D1140:2023**
Physical	**Direct shear**	**soil**	**ASTM D3080 :2023**
Physical & Mechanical	**One-Dimensional Consolidation**	**Soil**	**ASTM D 2435:2020**
Physical	**Effect of Heat and Air on a Moving Film of Asphalt**	**Asphalt**	**ASTM D 2872:2021**
Physical	**Ductility of Bituminous Materials**	**Asphalt**	**ASTM D113:2023**
Physical	**Quantitative Extraction of Bitumen from Bituminous Paving Mixtures**	**Asphalt**	**ASTM D 2172:2024**
Physical	**Asphalt Content of Hot-Mix Asphalt by Ignition Method**	**Asphalt**	**ASTM D 6307:2019**
Physical	**Softening Point of Bitumen**	**Asphalt**	**ASTM D 36:2014**
Physical	**Penetration of Bituminous Materials**	**Asphalt**	**ASTM D 5:2020**
Physical	**Preparation of Asphalt Mixture Specimens Using Marshall Apparatus**	**Asphalt**	**ASTM D 6926:2020**
Physical & Mechanical	**Marshall Stability and Flow of Asphalt Mixtures**	**Asphalt**	**ASTM D 6927:2022**
Mechanical	**California Bearing Ratio (CBR)**	**Asphalt**	**ASTM D 1883:2021**
Sampling	**Sampling**	**Portland cement**	**BS EN 196-7**
Sampling	**Sampling**	**Fresh Concrete**	**BS EN 12350-1**