

شهادة اعتماد

رقم TL 025



يقر نظام الاعتماد العراقي بأن:
مختبرات قسم الهندسة (الميكانيكية والكيميائية والمدنية) /
المكتب الاستشاري الهندسي / كلية الهندسة / جامعة البصرة
العراق - البصرة - كرامة علي

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

- اختبارات المواد الانشائية
- اختبارات المواد المعدنية
- اختبارات المواد البلاستيكية
- اختبارات المواد البترولية والبتروكيمياوية

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 ٢٠٢٤/٩/٨ الى ٢٠٢٦/٩/٧
تاريخ منح الاعتماد لأول مرة
٢٠١٨/٦/٤

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

المهندسة
بان ابراهيم نوروز
مدير عام الهيئة العراقية للاعتماد

ACCREDITATION CERTIFICATE

No. TL 025



Iraqi Accreditation System Certify that:

**Laboratories of Engineering Department (Mechanical,
Chemical & Civil)/ Engineering Consulting Bureau/
College of Engineering/ University of Basra**

Iraq- Basra- Karma Ali

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
- Petroleum & Petrochemical 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 8/9/2024 To 7/9/2026

Initial accreditation date

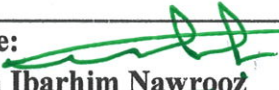
4/6/2018


Eng. Ban Ibarhim Nawrooz
General Manager 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- Basra- Karma Ali	Organization name : Laboratories of Engineering Department (Mechanical, Chemical & Civil)/ Engineering Consulting Bureau/ College of Engineering/ University of Basra	Accreditation no.: TL 025
Signature: Eng. Ban Ibarhim Nawrooz General Manager of IQAS	Accreditation is valid: From 8/9/2024 To 7/9/2026	Issue no. : 004

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
Mechanical	Determination of compressive strength	Concrete Cube	BS-EN 12390:2009
Mechanical	Obtaining and testing drilled cores and sawed beams	Concrete Cube	ASTM C42-20
Mechanical	Determination of the amount materials finer than 75-µm (no.200) sieve in mineral aggregates by washing	Aggregate	ASTM C117-17
Mechanical	Determination of the sieve analysis of fine and coarse aggregates	Aggregate	ASTM C136
Mechanical	Determination of tensile strength	Reinforcing steel bar	ASTM A370 ASTM A615
Mechanical	Determination of the yield strength	Reinforcing steel bar	ASTM A370 ASTM A615
Mechanical	Determination of elongation	Reinforcing steel bar	ASTM A370 ASTM A615
Chemical	Obtaining the alloying elements (chemical compositions)	Metallic materials	ASTM A751
Mechanical	Determining the impact energy	Welded Joints	ASTM A370 ASTM E 23
Mechanical	Determining the hardness values	Metallic materials and welded joints	ASTM E10 ASTM E18 ASTM E384 ASTM E 92
Mechanical	Determination of microstructure	Ferrous and non-ferrous metals and alloys	ASTM E3 ASTM E407

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Mechanical	Determination of macrostructure	Ferrous and non-ferrous metals and alloys	ASTM E3 ASTM E340 ASME IX API 1104 AWS D1.1
Chemical	Determination of corrosion based on weight loss	Ferrous and Non-ferrous Metals and Alloys	ASTM G1 ASTM G31
Chemical	Determination of corrosion based on Potentiodynamic polarization	Ferrous and Non-ferrous Metals and Alloys	ASTM G3 ASTM G5
Mechanical	Determination of tensile strength	(carbon and stainless) Steel Sections and Plates	ASTM A370 ASTM E8
Mechanical	Determination of the yield strength	(Carbon and stainless) steel sections and plates	ASTM A370 ASTM E8
Mechanical	Determination of elongation	(Carbon and stainless) steel sections and plates	ASTM A370 ASTM E8
Mechanical	Standard test method for bend testing of materials for ductility	Rebar and welded joints	ASTM E 290 ASME Section IV
Chemical	Determination of galvanization degree	Galvanized Steels	ASTM A90
Mechanical	Standard test method for determination of external loading characteristics of plastic pipe by parallel – plate loading	GRP Pipes GRE Pipes HDPE Pipes PVC Pipes	ASTM D2412
Mechanical	Determination of mechanical properties of polymers	Plastics and Rubber	ASTM D638 ASTM D412
Chemical	Determination of the flash an fire point by Cleveland open cup tester	Petroleum Products	ASTM D92-18