

شهادة اعتماد

رقم TL 107



يقر نظام الاعتماد العراقي بأن:
مختبرات المعهد التقني الحويجة/ الجامعة التقنية الشمالية
العراق - كركوك - قضاء الحويجة

تم اعتمادها 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 لا يتجزأ منها

يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني
<https://iqas.mop.gov.iq>

يكون الاعتماد نافذا من 2025/6/4 الى 2027/6/3
تاريخ منح الاعتماد لأول مرة
2023/1/12

نفذ
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 107



Iraqi Accreditation System Certify that:

Laboratories of Technical Institute – Hawija/ Northern Technical University

Iraq – Kirkuk - Hawija

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 4/6/2025 To 3/6/2027

Initial accreditation date

12/1/2023

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 – Kirkuk - Hawija	Organization name: Laboratories of Technical Institute – Hawija/ Northern Technical University	Accreditation no.: TL 107
Signature: Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 4/6/2025 To 3/6/2027	Issue no.: 002

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 No. 274:1992
Mechanical	Determination of compressive strength	Concrete cube	BS EN 12390-3:2009
Physical	Determination of density	Concrete cube	BS EN 12390-7:2009
Mechanical & physical	- Particle size distribution - Max density - Optimum moisture content - Plasticity limit - Elastic limit - CBR	Sub-base	SORB/R6
Physical	Determination of fineness	Portland cement	EN 196-6:2010 Iraqi guide No.198:1990
Physical	Standard test method for density of soil in place by the drive-cylinder method	Soil Sub base	ASTM D 1556
Physical	Standard test methods for laboratory compaction characteristics of soil using modified effort (56,000 ft-lbf/ft ³ (2,700 KN-m/m ³))	Soil Sub base	ASTM D1557
Mechanical & Physical	- Compressive strength - Total absorption - Dimensions	Concrete block	IQS No.1077
Mechanical & Physical	- Compressive strength - Brick salts (Efflorescence test) - Total absorption - Dimensions	Clay buildings brick	IQS No.24 IQS No.25
Physical	Slump test	Fresh concrete	BS EN :12350-2
Physical	Determination of density of soil in place by the drive-cylinder method	soil	ASTM D2937
Mechanical	Determination of California bearing ratio CBR	Sand Gravel Soil Sub-base	ASTM D1883

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Mechanical & Physical	- Fineness Test - Setting Time Test - Strength Test	Cement	IQS No.5
Mechanical	Determination of tensile strength	Steel reinforcing bars	ASTM A370 ASTM A615
Mechanical	Determination of yield strength	Steel reinforcing bars	ASTM A370 ASTM A615
Mechanical	Determination of elongation	Steel reinforcing bars	ASTM A370 ASTM A615
Mechanical	Bending test	Steel reinforcing bars	ASTM E 290