

شهادة اعتماد

رقم TL 097



يقر نظام الاعتماد العراقي بأن:

المختبر الانشائي/ الكلية التقنية الهندسية- كركوك

العراق - كركوك - طريق بغداد - مقابل جامعة كركوك

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 المطاطية
- اختبارات الاجهزة والمعدات الكهربائية والالكترونية

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 2025/8/24 الى 2027/8/23

تاريخ منح الاعتماد لأول مرة

2022/11/20

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

المهندس
عبد الواحد محمد ابراهيم
مدير عام الهيئة/ وكالة

ACCREDITATION CERTIFICATE

No. TL 097



Iraqi Accreditation System Certify that:

Constructional Lab/ Technical Engineering College- Kirkuk

Iraq - Kirkuk- Baghdad Road- in front of University of Kirkuk

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:

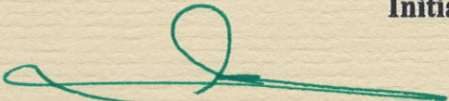
- Construction Materials Testing
- Metallurgical Materials Testing
- Rubber Materials Testing
- Electrical & Electronic Devices Testing

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 24/8/2025 To 23/8/2027

Initial accreditation date
20/11/2022


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- Baghdad Road- in front of University of Kirkuk	Organization name: Constructional Lab/ Technical Engineering College- Kirkuk	Accreditation no.: TL 097
Signature: Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 24/8/2025 To 23/8/2027	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 Iraqi Building code no 1/ 1987 General Specification for Roads and Bridges chapter 8:1999
Physical	Determination of density and dimension	Concrete cube	Iraqi Guide no.274: 1992 Iraqi Building code no 1/ 1987 General Specification for Roads and Bridges chapter 8:1999
Mechanical	Determination of modulus rupture	Ceramic Tiles	I.Q.S No 1704 /1992 part (1-2-3-4) I.Q.S No 1627 /1991 EN ISO 10545 Part 4-2 ISO 13006
Physical	Determination of water absorption and dimensions		
Mechanical	Determination of breaking strength	Terrazzo tiles and ordinary tiles	I.Q.S No 1042&1043 /1984 Iraqi Guide no.31: 1989
Physical	Determination of water absorption and dimensions		
Mechanical	Determination of compressive strength	Concrete core	ASTM C42/03
Physical	Determination of water absorption		
Mechanical	Determination of compressive strength	Clay brick	I.Q.S No 24 /1988 I.Q.S No 25 /1988
Physical	Determination of dimension		
Physical	Determination of water absorption		
Physical	Determination of efflorescence		
Mechanical	Determination of breaking strength	Block clay & concrete	I.Q.S No 1077 /1989 Iraqi Guide no.32: 1989
Physical	Determination of water absorption and dimensions and efflorescence		

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Mechanical	Determination of compressive strength	Solid concrete interlocking paving units	I.Q.S No 1606 /2017 ASTM C 140
Physical	Determination of water absorption		
Mechanical	Determination of compressive strength	Cement	I.Q.S No 5 /2019 Iraqi Guide no.198: 1990 ASTM C204 BS EN 196-6 I.Q.S No 472 /1993
Physical	Determination of setting time		
	Determination of fineness		
Chemical	Determination SO ₃ content	Gypsum	I.Q.S No 28 /1988
Mechanical	Determination of compressive strength and breaking strength		
Physical	Determination of setting time		
	Determination of fineness	Reinforcing steel bar	ASTM / A370 ASTM /A615
Mechanical	Determination of elongation		
	Determination of tensile strength		
	Determination of yield strength	Soil	ASTM D 698/00 ASTM D 2937/00 ASTM D 4318/00 ASTM D 2974/00 ASTM D 1883/99
Physical	Determination of maximum dry density		
Physical	Determination of filed density by the cylinder method		
	Determination of liquid limit and plastic limit		
Physical	Determination of organic materials by burn method		
Mechanical	Determination of California bearing ratio		
Physical	Determination of maximum dry density	Sub base	ASTM D1557/00 General Specification for Roads and Bridges R6:1999&2003

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	Determination of filed density by the sand cone method		ASTM D1556/00 General Specification for Roads and Bridges R6:1999&2003
	Determination of sieve analysis		ASTM C136/82 General Specification for Roads and Bridges R6:1999&2003
Mechanical	Determination of California bearing ratio		ASTM D 1883/99
Physical & Mechanical	Standard test method for un confined compressive soil and consolidation test	Soil	ASTM D 2166
	Liquid limit, Plastic limit and Plasticity		ASTM D 4318
	Standard test method for practice for thin – walled tube sampling of soil for geotechnical purposes2		ASTM D 1587
Electrical	Conductors of insulated cables	Cables and cords	IEC 60228
	Specification of voltage regulation distribution transformers (VRDT)	Power transformers	IEC 60076-24:2020
	Polyvinyl chloride insulated cables for rated voltage up to and including	Cables	IEC 60227-1:2007
	Performance and construction electric circulating fans and regulators	fans and regulators	IQS 1076/1988
Mechanical	Determination of elongation	Expansion joints, pads rubber plain and steel	ASTM D 4014 B.S 903-A6
	Determination of tensile strength		
	Determination of yield strength		

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		laminated	
Physical & Mechanical	Standard test method for Marshall stability and flow and air void and bulk density	Asphalt	ASTM D 6927
	Quantitative extraction of asphalt binder from asphalt mixture		ASTM D 2172
	Determination of compaction and thickness		ASTM D 3549
	Standard test method for asphalt content of asphalt mixture and sieve analysis		ASTM D 6307 ASTM D 136
	Determination of loss on heating		ASTM D 146
	Kinematic viscosity		ASTM D 2027
	Residue from distillation to 360 °c		ASTM D 2028
	Water %		AASHTO M 81
	Viscosity at 60 °c		AASHTO M 82
	Ductility at 25 °c		
Physical & Mechanical	Penetration test		ASTM D 36
	Ductility		ASTM D 92
	Flash and point		ASTM D 113
	Softening point		I.Q.S 1196
	Solubility in trichloroethylene		ASTM D 5