

شهادة اعتماد

رقم 124 TL



يقر نظام الاعتماد العراقي بأن:

مختبر الشرق للفحوصات الانشائية

العراق - ذي قار - الناصرية - حي اور - خلف كلية الطب

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 لا يتجزأ منها

يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني

<https://iqas.mop.gov.iq>

يكون الاعتماد نافذا من 2025/4/28 الى 2027/4/27

تاريخ منح الاعتماد لأول مرة

2023/3/19

لقد

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 124



Iraqi Accreditation System Certify that:

Al-Sharq Laboratory for Constructional Tests

Iraq – Dhiqar – Nasiriyah- Ur district - behind the medical college building

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:

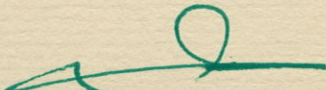
- Construction Materials Testing
- Metallurgical Materials Testing

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 28/4/2025 To 27/4/2027

Initial accreditation date
19/3/2023


Eng. Abdul Wahid Mohammed 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 – Dhiqar – Nasiriyah- Ur district - behind the medical college building	Organization name: Al-Sharq Laboratory for Constructional Tests	Accreditation no.: TL 124
Signature:  Eng. Abdul Wahid Mohammed Ibrahim Director General of IQAS	Accreditation is valid: From 28/4/2025 To 27/4/2027	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
Mechanical	Determination of compressive strength	Concrete cube	BS EN 12390- 3 - 2009
Physical	Determination of density	Concrete cube	Iraqi guide no.274:1992
Physical	Determination of density	Concrete cube	BS EN 12390- 7 :2009
Mechanical	Determination of tensile strength	concrete reinforcements bar	ASTM A370:2021 ASTM A615/A615M:2020 BS 4449:2009 ISO 6935-1:2007 ISO 6935-2:2019
Mechanical	Determination of yield strength	concrete reinforcements bar	ASTM A370:2021 ASTM A615/A615M:2020 BS 4449:2009 ISO 6935-1:2007 ISO 6935-2:2019
Mechanical	Determination of elongation	concrete reinforcements bar	ASTM A370:2021 ASTM A615/A615M:2020 BS 4449:2009 ISO 6935-1:2007 ISO 6935-2:2019
Mechanical	Standard Method of Test for Penetration	Bituminous Materials	AASHTO (T49)
Mechanical	Standard Method of Test for Ductility	Asphalt Materials	AASHTO (T51)
Physical	Standard Method of Test for Flash Point by Cleveland Open Cup	Asphalt Binder	AASHTO (T48)
Physical	Standard Method of Test for Kinematic Viscosity at 135°C	Bitumen	AASHTO (T201)

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq – Dhiqar – Nasiriyah- Ur district - behind the medical college building	Organization name: Al-Sharq Laboratory for Constructional Tests	Accreditation no.: TL 124
Signature:  Eng. Abdul Wahid Mohammed Ibrahim Director General of IQAS	Accreditation is valid: From 28/4/2025 To 27/4/2027	Issue no.: 002

Physical	Standard Method of Test for Kinematic Viscosity at 60°C	Bitumen	AASHTO (T201)
Physical	Standard Method of Test for Effect of Heat and Air on Asphalt Materials (Thin-Film Oven Test)	Asphalt Materials	ASTM D1754/2002, AASHTO T179/2005
Mechanical	Standard Method of Test for Resistance to Plastic Flow Using Marshall Apparatus	Asphalt Mixtures	AASHTO-T245
Mechanical	Determination of Creep	asphalt	AASHTO-T245
Physical	Standard Test Method for Theoretical Maximum Specific Gravity and Density	Asphalt Mixtures	ASTM-D2041
Physical	Determination of GM bulk Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Asphalt Mixtures	Asphalt Mixtures	ASTM-D2726
Physical	Standard Method of Test for Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	sand	AASHTO T176
Physical	Standard Test Method for Determining the Percentage of Fractured Particles	Coarse Aggregate	ASTM-D5821
Physical and Mechanical	Determination of Finess Determination of compressive strength Determination of modulus of rupture Determination of setting time	Borax and Plaster	IQS 28:2010 IQS 273:2012
Physical and Mechanical	Determination of Dimensions Determination of absorption Determination of breaking strength	Flags-Tiles	IQS 1107

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq – Dhiqar – Nasiriyah- Ur district - behind the medical college building	Organization name: Al-Sharq Laboratory for Constructional Tests	Accreditation no.: TL 124
Signature:  Eng. Abdul Wahid Mohammed Ibrahim Director General of IQAS	Accreditation is valid: From 28/4/2025 To 27/4/2027	Issue no.: 002

Physical and Mechanical	Determination of Dimensions Determination of absorption Determination of breaking strength Determination of salts	Brick	IQS 25 IQS 24
Physical and Mechanical	Determination of Dimensions Determination of absorption Determination of breaking strength Determination of Wear resistance	Interlock	IQS 1606:2917
Physical and Mechanical	Determination of Dimensions Determination of absorption Determination of breaking strength	Concrete Kerb units	BS EN 1340:2003
Physical and Mechanical	AGGREGATES FROM NATURAL SOURCES FOR CONCRETE AND BUILDING CONSTRUCTION	Sand and Gravel	IQS 45:1985
Physical, Mechanical, and Chemical	Determination of finess Determination of compressive strength Determination of setting time Chemical analysis	Cement	IQS 5:2019 IQS 198
Physical, Mechanical, and Chemical	Determination of Dimensions Determination of absorption Determination of breaking strength Determination of Wear resistance Determination of salts	Tiles	IQS 1042:1984 IQS 31:1989
Physical and Mechanical	Determination of Dimensions Determination of absorption Determination of breaking strength Determination of Wear resistance	ceramics	ISO 13006:2012 IQS 704: 1993 KS L 1001:2018
Physical, Mechanical, and Chemical	Determination of Dimensions Determination of absorption Determination of breaking strength Determination of Acidic resistance	Acidic ceramics	IQS 1627

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq – Dhiqar – Nasiriyah- Ur district - behind the medical college building	Organization name: Al-Sharq Laboratory for Constructional Tests	Accreditation no.: TL 124
Signature:  Eng. Abdul Wahid Mohammed Ibrahim Director General of IQAS	Accreditation is valid: From 28/4/2025 To 27/4/2027	Issue no.: 002

Physical and Mechanical	Determination of Maximum density Determination of field density Determination of plasticity index Determination of gradient Determination of CBR	Sub Base	SORB R6-2003 AASHTO(P180) AASHTO(T191) AASHTO (T238) AASHTO (T205) AASHTO(T89) AASHTO (T90) ASTM D1883 AASHTO (T27) SORB 9A-1989 IQS 1693-1991 IQS 9B-1989
Chemical	Determination of Organic matter Determination of sulfur salts Determination of gypsum	Sub Base	IQ.NO. 9C-1989 AASHTO (T193)
Physical and Mechanical	Determination of Maximum density Determination of field density Determination of plasticity index Determination of gradient Determination of CBR	Soil	SORB R5-2003 AASHTO(P180) AASHTO(T205) AASHTO(T191) AASHTO(T89) AASHTO (T90) AASHTO (T193) SORB 9C-1989 SORB 9A-1989 IQS 854-1989
Chemical	Determination of Organic matter Determination of sulfur salts Determination of gypsum	Soil	IQS 895-2003
Physical and Mechanical	Determination of Dimensions Determination of absorption Determination of breaking strength Determination of Wear resistance	Marble Tiles	IQS 1387-1989-E2018 IQS 65-1989 IQS 65/1-2017 IQS 65/2-2017 IQS 65/3-2017 IQS 65/4-2017

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq – Dhiqar – Nasiriyah- Ur district - behind the medical college building	Organization name: Al-Sharq Laboratory for Constructional Tests	Accreditation no.: TL 124
Signature:  Eng. Abdul Wahid Mohammed Ibrahim Director General of IQAS	Accreditation is valid: From 28/4/2025 To 27/4/2027	Issue no.: 002

Physical and Mechanical	Determination of Dimensions Determination of absorption Determination of breaking strength Determination of dimensional shrinkage	cellular concrete	IQS 1441-2000 IQS 809-2009 IQS 810-2009
Physical and Mechanical	Standard Test Methods for One-Dimensional Consolidation Properties of Soils Using Incremental Loading	Soil	ASTM D2435 AASHTO T216 AASHTO T193 AASHTO T296 AASHTO T297 AASHTO T208 AASHTO T236 BS 1377-7
Physical	Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	Core concrete	ASTM C42 / 2004
Physical	Standard Test Method for Rebound Number of Hardened Concrete	Non - Destructive testing of concrete	ASTM C805 ASTM C597M-22
Mechanical	Standard Test Method for Direct Shear Test Under Consolidated Drained Conditions	Soil	ASTM D3080 BS 1377-7