

شهادة اعتماد

رقم TL 272



يقر نظام الاعتماد العراقي بأن:

مختبر شركة الجنوبية للفحص الهندسي والفحوصات المخبرية والتدريب والتطوير المحدودة المسؤولية

العراق- البصرة- المقل- شارع الساعة- دور التساتي- مقابل جامع عثمان

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

في مجال:

- اختبارات المواد الانشائية
- اختبارات المواد المعدنية
- اختبارات الاجهزة والمعدات الكهربائية والالكترونية

شرط التوافق مع متطلبات المواصفة اعلاه ومتطلبات IQAS الخاصة بالاعتماد
مجال الاعتماد المرفق بالشهادة يعتبر جزءا لا يتجزء منها

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

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

يكون الاعتماد نافذا من 2026/1/4 الى 2028/1/3
تاريخ منح الاعتماد لأول مرة
2026/1/4

لتفب

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

محمد آيدن عمر
مدير عام الهيئة/ وكالة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 272



Iraqi Accreditation System Certify that:

Laboratory for Southern Engineering Inspection & Laboratory Testing, Training and Development Co. Ltd.

Iraq – Basra- Al-Maaqal -Al-Saah Street -Dor Al-Tassani -in front of Al-Othman Mosque

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
- 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

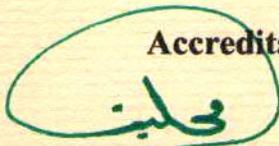
The most recent issue of the accreditation scope is available on IQAS website

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

Accreditation is valid From 4/1/2026 To 3/1/2028

Initial accreditation date

4/1/2026


Mohammed Ayden Omar
Director General of IQAS

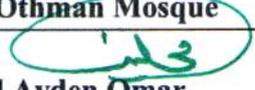

Dr. Mohammed Ali Tamim
Deputy Prime Minister
Minister of Planning

	<p style="text-align: center;">استمارة مجال الاعتماد Scope of Accreditation form</p>	<p style="text-align: center;">نظام الاعتماد العراقي IQAS</p>
<p>Organization address: Iraq – Basra- Al-Maaqal -Al- Saah Street -Dor Al-Tassani -in front of Al-Othman Mosque</p>	<p>Organization name: Laboratory for Southern Engineering Inspection & Laboratory Testing, Training and Development Co. Ltd.</p>	<p>Accreditation no.: TL 272</p>
<p>Signature: Mohammed Ayden Omar Director General of IQAS</p>	<p>Accreditation is valid: From 4/1/2026 To 3/1/2028</p>	<p>Issue no.: 001</p>

Testing Field	Type of test	Test object or product	Reference to standardized method
Physical	Determination of compressive strength	Concrete Cube	BS EN 12390-3:2009
Physical	Determination of compressive strength	Concrete Cube	Iraqi Guide No: 348:2017
Chemical	Chloride contented of hardened concrete (CL) by weight	Concrete Cube	BS EN 1881-124:2015
Chemical	Sulphate contented of hardened concrete (SO ₃)	Concrete Cube	BS EN 1881-124:2015
Physical	Concrete Core	Concrete	ASTM C42:2020
Physical	Slump of fresh concrete	Concrete	ASTM C143:2020
Non-destructive	Ultrasonic	Concrete	ASTM C597:2022
Non-destructive	Schmidt Hammer	Concrete	ASTM C805:2018
Physical	Determination of compressive strength	Cement	ASTM C109:2020
Physical	Time of sitting by Vicat needle	Cement	ASTM C191:2021
Chemical	Chemical Analysis	Cement	ASTM C114:2022
Physical	Determination of water content by mass	Aggregate	ASTM D2216:2019
Physical	Determination of Sieve analysis	Coarse Aggregate	ASTM C136:2015
Physical	Determination of Sieve analysis	Fine Aggregate	ASTM C136:2015
Physical	Determination of clay lump and friable particles	Aggregate	ASTM C142:2023
Physical	Determination of specific gravity	Fine Aggregate	ASTM C128:2023
Physical	Determination of specific gravity	Coarse Aggregate	ASTM C127:2023
Physical	Determination of material finer than 75 micrometers	Aggregate	ASTM C117:2017
Chemical	Chloride contented of hardened concrete (CL)	Aggregate	BS EN 1744-1:2010+A1:2012
Chemical	Sulphate contented of hardened concrete (SO ₃)	Aggregate	BS EN 1744-1:2010+A1:2012

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Chemical	Alkali reactivity of Carbonate	Aggregate	ASTM C586:2019
Chemical	Organic Impurities	Fine Aggregate	ASTM C40:2020
Chemical	Soundness	Aggregate	ASTM C88:2013
Physical	Density and unite weight of soil in place by sand-cone method	Subbase	ASTM D1556-2015
Physical	Density of soil in place by Drive-cylinder method	Soil	ASTM D2937:2017
Physical	Atterberg limits	Soil	ASTM D4318:2017
Physical	Maximum dry density (modified Procter)	Soil	ASTM D1557:2017
Physical	California bearing ratio	Soil	ASTM D1883:2021
Physical	Plate Load test	Soil	ASTM D1195:2021
Chemical	Measurement of pH	Mixing Water for concrete	ASTM C1603:2016
Chemical	Chemical test	Soil	BS EN 1377-3:2022
Mechanical	Determination of ultimate tensile strength	Steel reinforcement bars	ASTM 370, ASTM 615
Mechanical	Determination of yield strength	Steel reinforcement bars	ASTM 370, ASTM 615
Mechanical	Determination of elongation	Steel reinforcement bars	ASTM 370, ASTM 615
Mechanical	Determination of bending	Steel reinforcement bars	ASTM 370, ASTM 615
Mechanical	Determination of ultimate tensile strength	Anchor bolt	ASTM F1554:2021
Mechanical	Determination of yield strength	Anchor bolt	ASTM F1554:2021
Mechanical	Determination of elongation	Anchor bolt	ASTM F1554:2021
Mechanical	Determination of ultimate tensile strength	Plate	ASTM A36:2019
Mechanical	Determination of yield strength	Plate	ASTM A36:2019
Mechanical	Determination of elongation	Plate	ASTM A36:2019
Physical	Determination of compressive strength	Brick	IQS:24 IQS:25
Physical	Determination of Absorption	Brick	IQS:24 IQS:25

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Physical	Determination of Dimension	Brick	IQS:24 IQS:25
Physical	Determination of Efflorescence	Brick	IQS:24 IQS:25
Physical	Determination of compressive strength	Block	ASTM C140:2015
Physical	Determination of Absorption	Block	ASTMC C140:2015
Physical	Determination of compressive strength	Inter locking paver block	IQS1606:2006
Physical	Determination of Absorption	Inter locking paver block	IQS1606:2006
Physical	Determination of Dimension	Inter locking paver block	IQS1606:2006
Physical	Determination of Density	Inter locking paver block	IQS1606:2006
NDT	Radiography Test	Welding Joints / Materials	ASME B31.3- API 1104- ASTM E747- ASTM E940- ASTM E1032
NDT	Dye Penetrant Test	Welding Joints / Materials	ASME B31.3- API 1104- ASTM E165-
NDT	Magnetic Practical Test	Welding Joints / Materials	ASME B31.3- API 1104- ASTM E1444- E 709/01
NDT	Ultrasonic Test	Welding Joints / Materials	ASME B31.3- API 1104- ASTM E164
NDT	UT Thickness Measurement	Welding Joints / Materials	ASME B31.3- API 1104- ASTM E797-05-
NDT	Visual Inspection	Welding Joints / Materials	ASME B31.3- API 1104
Mechanical	Hardness Test	Steel	ASTM A255- 10
Mechanical	PWHT	Welding Joints	ASME B31.3- API 1104
Chemical	Chemical analysis of steel products	Steel products	ASTM A751-21
Mechanical	Bend test	Pipe, plate, weld metal	ASTM A370, ASTM 615
Mechanical	Break test	Bar, pipe, plate, rebar,	API 1104-21

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		weld metal	
Electrical	High Voltage test	Cables & Electrical devices	IEC 60502-1, IEC 60502-2, IEC 60840, IEC 62067, IEEE 400, IEEE 400.2, ASTM D149
Electrical	Insulation Resistance Test	Cables & Electrical devices	IEC 60034-1, IEC 60228, IEC 60502-1 / 2, IEEE 43, BS 7671
Electrical	High-Potential Test	Cables & Electrical Equipment & Switchboards	IEC 60270, IEC 60060-1 IEEE 4, UL 1581
Electrical	Continuity Test – Cables & Protective Conductors	Cables	IEC 60228, IEC 60364-6, IEEE 837, BS EN 50395
Electrical	Soil Electrical Resistivity Test	Soil & Earthing system & Lightning protection system	IEEE 81, IEC 62561-2, BS 7430, ASTM G57
Electrical	Transformer Tests	Transformers	IEC 60076-1, IEEE C57 IEC 60076-1, IEC 60060-1