

شهادة اعتماد

رقم TL 189



يقر نظام الاعتماد العراقي بأن:

مختبر إسناد للفحوصات الانشائية

العراق - بغداد - الجادرية

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

في مجال:

- اختبارات المواد الانشائية
- اختبارات المواد البلاستيكية
- اختبارات المواد الكيميائية

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 ٢٠٢٤/١٠/٢ الى ٢٠٢٦/١٠/١

تاريخ منح الاعتماد لأول مرة

٢٠٢٤/١٠/٢

لنقله

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

المهندس

عبد الواحد محمد ابراهيم
ع/ مدير عام الهيئة العراقية للاعتماد

ACCREDITATION CERTIFICATE

No. TL 189



Iraqi Accreditation System Certify that:

Isnad Laboratory for Material Construction Tests

Iraq – Baghdad – Al-Jadriya

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
- Polymer Materials Testing
- Chemical 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 2/10/2024 To 1/10/2026

Initial accreditation date

2/10/2024


Eng. Abdul Wahid Mohammed Ibrahim
Instead of 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 – Baghdad – Al-Jadriya	Organization name : Isnad Laboratory for Material Construction Tests	Accreditation no.: TL 189
Signature:  Eng. Abdul Wahid Mohammed Ibrahim Instead of General Manager of IQAS	Accreditation is valid: From 2/10/2024 To 1/10/2026	Issue no. : 001

Testing field	Type of test	Test object or product	Reference to standardized method
Physical and Mechanical	Determination Of Density of Soil in Place by The Drive-Cylinder Method	Soil	ASTM D2937
	Determination of Maximum Dry Density		ASTM D698 ASTM D1557
	Determination of grading (sieve analysis)		ASTM C136
	Determination of Finer Than 0.075mm		ASTM D1140
	Determination of the liquid limit, plastic limit, and the plasticity index of soils		ASTM D4318
	Determination of California Bearing Ratio		ASTM D1883
Chemical	Determination of SO ₃ Contents		B.S 1377-3
Physical and Chemical	TSS-CL-SO ₃ -Organic Content (Soil) Ph-CL-SO ₄ -TDS (Water)	Soil Investigation	BS 1377 / Earth Manual E8
	Atterberg Limits (LL and PL)		ASTM D 4318
	Specific Gravity		ASTM D 854
	Unconfined compression test		ASTM D 2166
	Direct shear test		ASTM D 3080
	Consolidation test		ASTM D 2435
	Grain size analysis		ASTM D422
	Unit weight		BS 1377
	Field standard penetration test		ASTM D1586
	Natural Water Content		ASTM D 2216
Physical and Mechanical	Determination of Grading (Sieve Analysis)	Sub Base	ASTM C136
	Determination of Maximum Dry Density		ASTM D1557
	Determination of California Bearing Ratio		ASTM D1883
	Determination of Density and Unit Weight of Soil In Place		ASTM D2167 ASTM D1556
Chemical	Determination of SO ₃ Contents	Sub Base	B.S 1377-3
	Determination Of T.S.S Contents		Earth Manual E8

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Physical and Mechanical	Standard test method for Marshall stability and flow and air void and bulk density	Asphalt Concrete	ASTM D6927 ASTM D2726 ASTM D2041 ASTM D3549
	Determination of Compaction and Thickness		
	Standard Test Method for Asphalt Content of Asphalt Mixture and Sieve Analysis		ASTM D2172 ASTM 6307 ASTM C136
	Penetration Test	Asphalt Cement	ASTM D5
	Flash Point Test		ASTM D9
	Softening Point		ASTM D36
	Determination of Pliability	Bituminous Sheet Material	ASTM D5147/D5417 M
	Determination of Thickness		
	Determination of Loss on Heating		D146/146M 04
Physical and Mechanical	Determination of compressive strength	Cement	Iraqi guide no.198
	Determination of setting time		
Physical Testing	Determination of Grading (Sieve Analysis)	Coarse Aggregate (Gravel) Fine Aggregate (Sand)	IQS 45 Iraqi guide no.500/3
	Determination of Finer Than 0.075mm		
Chemical	Determination of SO ₃ Contents		
Physical and Mechanical	Determination of general appearance and shape	Clay Building Bricks	IQS 24 IQS 25
	Determination of leveling of surface		
	Determination of dimensions		
	Determination of water absorption		
	Determination of efflorescence		
	Determination of compressive strength		
Physical and Mechanical	Determination of compressive strength	Concrete Cube	Iraqi guide no. 348 EN. 12390-3 Iraqi guide no. 274 EN. 12390-7
	Determination of density		

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Physical	Making and curing specimens for strength tests	Fresh concrete	EN. 12390-2
	Sampling		EN. 12350-1
Physical and Mechanical Testing	Determination of compressive strength	Concrete Interlocking Paving Units	ASTM C140
	Determination of absorption		
	Determination of dimension		
Physical and Mechanical Testing	Determination of Compressive Strength	Concrete Masonry Units	ASTM C140 IQS 32
	Determination of Dimension		
	Determination of Absorption		
Physical and Mechanical Testing	Determination of Flexural	Terrazzo Tiles	IQS 1042
	Determination of Dimension		
	Determination of Absorption		
Physical	Estimate the Strength of Concrete	Ultrasonic Pulse Velocity	ASTM C-597 BS EN 12504-4
Physical	Estimate the Strength of Concrete	Schmidt (RHS)	ASTM C 805
Physical and Mechanical	Taking, examining and testing in compression	Cored specimens	EN. 12504-1
Physical and Mechanical Testing	Determination of Flexural	Precast Concrete Flags	IQS 1107 I.G.O 995
	Determination of Dimension		
	Determination of Absorption		
Physical and Mechanical	Dimensions, tolerances and out-of-roundness, Stiffness	PVC pipes PPR	ASTM D-2412 ASTM D-2122
	Change in Dimensions Due to Heating		
	Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading		
Physical and Mechanical	Viscosity, Color, Density	Epoxy Resins	ASTM D4142 D445-D1545-D1544-D1209-D1475