

شهادة اعتماد

رقم TL 067



يقر نظام الاعتماد العراقي بأن:
مختبر الشمس للفحوصات الانشائية
العراق - بغداد - المنصور

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

في مجال:
- اختبارات المواد الانشائية

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 ٢٠٢٤/٥/٩ الى ٢٠٢٦/٥/٨
تاريخ منح الاعتماد لأول مرة
٢٠٢٢/١/٢٦

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

د. محمد لطيف أحمد
مدير عام الهيئة العراقية للاعتماد

ACCREDITATION CERTIFICATE

No. TL 067



Iraqi Accreditation System Certify that:

Al- Shams Laboratory for Constructional Tests

Iraq – Baghdad – Al-Mansour

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

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 9/5/2024 To 8/5/2026

Initial accreditation date

26/1/2022

Dr. Mohammed Lateef Ahmed
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-Mansour	Organization name : Al- Shams Laboratory for Constructional Tests	Accreditation no.: TL 067
Signature:  Abdul Wahid Mohammed Ibrahim Deputy General Manager	Accreditation is valid: From 9/5/2024 To 8/5/2026	Issue no. : 002

Testing field	Type of test	Test object or product	Reference to a standardized method
Physical Testing	Electrical Density Gauge	Soil	Product Manual H-411SD.3F MANUAL-0317
Physical and Mechanical Testing	Determination of California bearing ratio	Sub base	ASTM D1883
	Determination of maximum dry density		ASTM D1557
	Determination of density and unit weight of soil in place		ASTM D2167 ASTM D1556
	Sieve analysis of sub base		I.Q.S No. 45
Mechanical and physical testing	Determination of compressive strength	Concrete Cube	Iraqi guide no.348:2017
	Determination of density		Iraqi guide no.274:1992
	Sieve Analysis	Sand	ASTM D- 422 I.Q.S No. 23
	Sieve Analysis	Gravel	ASTM C – 33 IQS 23
Mechanical and physical testing	Determination of compressive strength	Clay building bricks	IQS: 24 IQS: 25
	Determination of absorption		
	Determination of dimension		
	Determination of general appearance and shape		
	Determination of leveling of surface		
	Determination of water absorption		

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	Determination of efflorescence		
Physical And Mechanical Testing	Determination of compaction test	Soil Investigation	ASTM D1557
	Determination of maximum dry density		ASTM D698 ASTM D1557
Physical And Mechanical Testing	Atterberg limits(standard test method for liquid limit, plastic limit, and plasticity index of soil		ASTM D4318
	Determination of California bearing ratio		ASTM D1883
	Unconfined compression test		ASTM D1266
	Consolidation test		ASTM D2435
	Direct shear		ASTM D3080
	Sieve analysis		ASTM D- 2487-17