

شهادة اعتماد

رقم TL 162



يقر نظام الاعتماد العراقي بأن:
مختبر شركة الابداع لفحص التربة والركائز ومواد البناء
العراق - بابل - شارع ٨٠ - مقابل مدينة العباب ارض بابل

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

في مجال:
- اختبارات المواد الانشائية
- اختبارات المواد البلاستيكية

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 ٢٠٢٤/٥/٨ الى ٢٠٢٦/٥/٧
تاريخ منح الاعتماد لأول مرة
٢٠٢٤/٥/٨

تقديراً

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

بسمكنا

د. محمد لطيف أحمد
مدير عام الهيئة العراقية للاعتماد

ACCREDITATION CERTIFICATE

No. TL 162



Iraqi Accreditation System Certify that:

Laboratory of Al-Ebdaa Company
Soil Investigation and Piles Tests Construction
Material Tests

Iraq – Babylon –Street 80 –opposite Babylon land games city

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

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 8/5/2024 To 7/5/2026

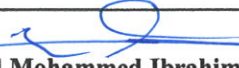
Initial accreditation date
8/5/2024

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 – Babylon –Street 80 – opposite Babylon land games city	Organization name : Laboratory of Al-Ebdaa Company Soil Investigation and Piles Tests Construction Material Tests	Accreditation no.: TL 162
Signature:  Abdul Wahid Mohammed Ibrahim Deputy General Manager	Accreditation is valid: From 8/5/2024 To 7/5/2026	Issue no. : 001

Testing field	Type of test	Test object product	Reference to standardized method
Mechanical	Determination of compressive Strength	Clay buildings brick	Iraqi Standard No 24:1988 Iraqi Standard No 25:1988
Physical	Determination of leveling of surface	Clay buildings brick	Iraqi Standard No 24:1988 Iraqi Standard No 25:1988
Physical	Determination of dimensions	Clay buildings brick	Iraqi Standard No 24:1988 Iraqi Standard No 25:1988
Physical	Determination of efflorescence	Clay buildings brick	Iraqi Standard No 24:1988 Iraqi Standard No 25:1988
Physical	Determination of water absorption	Clay buildings brick	Iraqi Standard No 24:1988 Iraqi Standard No 25:1988
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	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 Compressive Strength	Cement	Iraqi Guide198: 1990 Iraqi Standard No.5:2019
Physical	Determination of Setting time	Cement	Iraqi Guide198: 1990 Iraqi Standard No.5:2019
Chemical	Determination of SiO ₂ content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Chemical	Determination of CaO content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Chemical	Determination of MgO content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019

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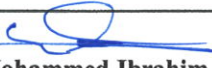
Chemical	Determination of Fe ₂ O ₃ content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Chemical	Determination of Al ₂ O ₃ content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Chemical	Determination of Loss of Ignition	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Chemical	Determination of Insoluble Residue content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Physical	Determination of Grading(sieve analysis)	Subbase	AASHTO T27 General Specifications for Roads and Bridges R6
Physical	Determination of Density	Subbase	AASHTO T180 General Specifications for Roads and Bridges R6
Chemical	Determination of SO ₃ content The percentage of organic matter, dissolved salts and gypsum	Subbase	BS1377-3-1990 General Specifications for Roads and Bridges R6
Physical	Compaction(Proctor)Test	Soil	(SORB/R5&SORB/R6) (AASHTO T180-74)
Physical	Liquid Limit	Soil	AASHTO T89 General Specifications for Roads and Bridges R5
Physical	Plastic Limit	Soil	General Specifications for Roads and Bridges R6/R5 AASHTO T90
Physical	California Bearing (Ratio(CBR)	Soil	General Specifications for Roads and Bridges R5 AASHTO T193
Chemical	Determination of	Soil	General Specifications for Roads

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	CaSO ₄ .2H ₂ O content		and Bridges R6/R5 AASHTO T180
Chemical	Determination of TTS content	Soil	General Specifications for Roads and Bridges R6 AASHTO T180
Chemical	Determination of SO ₃ content	Soil	General Specifications for Roads and Bridges R5 Iraqi Guide no9: 1990
Mechanical	Determination of Breaking Strength	Terrazzo tiles and ordinary tiles	Iraqi Guide no31: 1989 Iraqi Standard No.1042:1948 Iraqi Standard No.1043:1948
Physical	Determination of Dimension	Terrazzo tiles and ordinary tiles	Iraqi Guide no31: 1989 Iraqi Standard No.1042:1948 Iraqi Standard No.1043:1948
Physical	Determination of water absorption	Terrazzo tiles and ordinary tiles	Iraqi Guide no31: 1989 Iraqi Standard No.1042:1948 Iraqi Standard No.1043:1948
Chemical	Determination of SO ₃ content	Terrazzo tiles and ordinary tiles	Iraqi Guide 448: 1994 Iraqi Standard No.45:1984
Mechanical	Marshal	Asphalt	General Specifications for Roads and Bridges R9 AASHTO T209 AASHTO T245
Physical	Determination of Grading(sieve analysis)	Asphalt	General Specifications for Roads and Bridges R9 AASHTO T30
Physical	Determination of Density	Asphalt	General Specifications for Roads and Bridges R9 AASHTO T166
Physical	Determination of Dimension	Precast Concrete	Iraqi Standard No1107:1987

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		Flags	
Physical	Determination of water absorption	Precast Concrete Flags	Iraqi Standard No1107:1987
Chemical	Determination of SO ₃ content	Precast Concrete Flags	Iraqi Guide no .448: 1994
Physical	Determination of Grading(sieve analysis)	Coarse aggregate (gravel)	Iraqi Standard No30:1984 Iraqi Standard No45:1984
Chemical	Determination of SO ₃ content	Coarse aggregate (gravel)	Iraqi Standard No500:1994 Iraqi Standard No45:1984
Physical	Determination of (Grading(sieve analysis)	Fine aggregate (sand)	Iraqi Standard No30:1984 Iraqi Standard No45:2021
Chemical	Determination of SO ₃ content	Fine aggregate (sand)	Iraqi Standard No500:1994 Iraqi Standard No45:2021
Physical	Determination of Breaking Strength	Ceramic	Iraqi Guide no256: 1991 ISO 10545& ISO 13006
Physical	Determination of Dimension	Ceramic	Iraqi Guide no256: 1991 ISO 10545& ISO 13006
Chemical	Determination of water absorption	Ceramic	Iraqi Guide no256: 1991 ISO 10545& ISO 13006
Physical	Flash degree	Bituminous	General Specifications for Roads and Bridges R9 AASHTO T48 Iraqi Standard No1196:1988
Physical	Ductility	Bituminous	General Specifications for Roads and Bridges R9 AASHTO T51 Iraqi Standard No1196:1988
Chemical	Absolute viscosity	Bituminous	General Specifications for Roads and Bridges R9 AASHTO T202

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			Iraqi Standard No1196:1988
Physical	Penetration	Bituminous	General Specifications for Roads and Bridges R9 AASHTO T49 Iraqi Standard No1196:1988
Physical	Extraction	Bituminous	General Specifications for Roads and Bridges R9 AASHTO T49 Iraqi Standard No1196:1988
Mechanical	Determination of stiffness	PVC pipes & UPVC	ASTM D3034-15 DIN8061 DIN8062 IQS 5113:2021
Mechanical	Burst Pressure	PVC pipes&UPVC	ASTM D3034-15 DIN8061 DIN8062 IQS 5113:2021
Physical	Determination of Dimension	PVC pipes&UPVC	ASTM D3034-15 DIN8061 DIN8062 IQS 5113:2021
Physical	Pipe Flattening	PVC pipes&UPVC	ASTM D3034-15 DIN8061 DIN8062 IQS 5113:2021