

شهادة اعتماد

رقم TL 248



يقر نظام الاعتماد العراقي بأن:
مختبر شركة الإبداع لفحوصات التربة والركائز
ومواد البناء/ فرع كربلاء المقدسة
العراق - كربلاء المقدسة- حي ضباط الاسرة- بالقرب من مطعم البيت الدمشقي

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 2025/8/28 الى 2027/8/27

تاريخ منح الاعتماد لأول مرة

2025/8/28

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

المهندس
عبد الواحد محمد ابراهيم
مدير عام الهيئة/ وكالة

ACCREDITATION CERTIFICATE

No. TL 248



Iraqi Accreditation System Certify that:

**Laboratory of Al Ebdaa Company for
Soil Investigation, Piles Test and
Materials Tests Ltd/ Karbala Branch**

Iraq - Karbala- family officers neighborhood- near the Damascus house restaurant

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

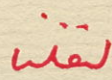
This accreditation is subject to with the above standard & IQAS requirements
The scope of accreditation is attached to the certificate & considered as part of it

The most recent issue of the accreditation scope is available on IQAS website
<https://iqas.mop.gov.iq>

Accreditation is valid From 28/8/2025 To 27/8/2027

Initial accreditation date
28/8/2025


Eng. Abdul Wahid M. 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 - Karbala- family officers neighborhood- near the Damascus house restaurant	Organization name: Laboratory of Al Ebdaa Company for Soil Investigation, Piles Test and Materials Tests Ltd/ Karbala Branch	Accreditation no.: TL 248
Signature:  Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 28/8/2025 To 27/8/2027	Issue no.: 001

Testing field	Type of test	Test object product	Reference to standardized method
Mechanical	Determination of Elongation	Steel Reinforcing bars	ASTM A370 ASTM/A615-09b
Mechanical	Determination of Tensile Strength	Steel Reinforcing bars	ASTM A370 ASTM/A615-09b
Mechanical	Determination of Yield Strength	Steel Reinforcing bars	ASTM A370 ASTM/A615-09b
Mechanical	Determination of Bending	Steel Reinforcing bars	ASTM A370, E290-2022 ASTM/A615-09b
Physical	Determination of Deformation	Steel Reinforcing bars	ASTM A370 ASTM/A615-09b
Physical	Determination of Weight	Steel Reinforcing bars	ASTM A370
Physical	Determination of Dimensions	Steel Reinforcing bars	ASTM A370
Mechanical	Determination of Tensile strength	B.R.C	ASTM A496/2002 ASTMA 497/2002 ISO6935 PART3/2000
Mechanical	Determination of Bending	B.R.C	ASTM A496/2002 ASTMA 497/2002 ISO6935 PART3/2000
Physical	Determination of Dimensions	B.R.C	ASTM A496/2002 ASTMA 497/2002 ISO6935 PART3/2000
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	Clay buildings brick	Iraqi Standard No 24:1988

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq - Karbala- family officers neighborhood- near the Damascus house restaurant	Organization name: Laboratory of Al Ebdaa Company for Soil Investigation, Piles Test and Materials Tests Ltd/ Karbala Branch	Accreditation no.: TL 248
Signature: Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 28/8/2025 To 27/8/2027	Issue no.: 001

	absorption		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
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
Mechanical	CBR	Subbase	AASHTO T193 General Specifications for Roads and Bridges R6
Physical	Determination of Grading (sieve analysis)	Subbase	AASHTO T27 General Specifications for Roads and Bridges R6

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq - Karbala- family officers neighborhood- near the Damascus house restaurant	Organization name: Laboratory of Al Ebdaa Company for Soil Investigation, Piles Test and Materials Tests Ltd/ Karbala Branch	Accreditation no.: TL 248
Signature: Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 28/8/2025 To 27/8/2027	Issue no.: 001

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)
Mechanical	Liquid Limit	Soil	AASHTO T89 General Specifications for Roads and Bridges R5
Mechanical	Plastic Limit	Soil	General Specifications for Roads and Bridges R6/R5, AASHTO T90
Mechanical	California Bearing Ratio (CBR)	Soil	General Specifications for Roads and Bridges R5, AASHTO T193
Chemical	Determination of CaSO ₄ .2H ₂ O content	Soil	General Specifications for Roads 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

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq - Karbala- family officers neighborhood- near the Damascus house restaurant	Organization name: Laboratory of Al Ebdaa Company for Soil Investigation, Piles Test and Materials Tests Ltd/ Karbala Branch	Accreditation no.: TL 248
Signature: Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 28/8/2025 To 27/8/2027	Issue no.: 001

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 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
Mechanical	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 Iraqi Standard No1196:1988
Physical	Penetration	Bituminous	General Specifications for Roads and Bridges R9, AASHTO T49 Iraqi Standard No1196:1988

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq - Karbala- family officers neighborhood- near the Damascus house restaurant	Organization name: Laboratory of Al Ebdaa Company for Soil Investigation, Piles Test and Materials Tests Ltd/ Karbala Branch	Accreditation no.: TL 248
Signature: Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 28/8/2025 To 27/8/2027	Issue no.: 001

Physical	Extraction	Bituminous	General Specifications for Roads and Bridges R9, AASHTO T49 Iraqi Standard No1196:1988
Mechanical	Determination of Compressive Strength	Concrete core	ASTM C42/03
Physical	Determination of water absorption		
Mechanical	Determination of breaking Strength	Block clay& concrete	I.Q.S NO 1077/1989 Iraqi Guide no 32:1989
Physical	Determination of water absorption and dimensions and efflorescence		
Mechanical	Determination of Compressive Strength	Solid concrete interlocking paving units	I.Q.S NO 1606/2017 ASTM C140
Physical	Determination of water absorption		
Mechanical	Determination of Compressive Strength and breaking Strength	Gypsum	I.Q.S NO 28/1988
Physical	Determination of setting time		
	Determination of fineness		
Physical and Mechanical	Standard test method for deep foundation element under static axial compressive load	Piles	ASTM D 1143:2020 B.S E 1997(EURO Code- IBC2009) Iraqi building code for foundation and retaining walls no 302
Sampling	Sampling	Steel Reinforcing bars	ASTM A615/A 615M-2013 B.S 4449/2005+A2 2009
Sampling	Sampling	B.R.C	B.S 4483/2005 ASTM A 185-2006 ASTM A 82/A82M-2005

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq - Karbala- family officers neighborhood- near the Damascus house restaurant	Organization name: Laboratory of Al Ebdaa Company for Soil Investigation, Piles Test and Materials Tests Ltd/ Karbala Branch	Accreditation no.: TL 248
Signature: Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 28/8/2025 To 27/8/2027	Issue no.: 001

Sampling	Sampling	Clay buildings brick	Iraqi Standard No.548:1998 The amendment no 1:2013
Sampling	Sampling	Concrete cube	Iraqi Building code no 1/ 1987
Sampling	Sampling	Cement	Iraqi Standard No.5:1984 The amendment no 1and The amendment no 2:2010
Sampling	Sampling	Subbase	General Specifications for Roads and Bridges R5 and the amendment 1999,2003
Sampling	Sampling	Soil	General Specifications for Roads and Bridges R5 and the amendment 1999,2003
Sampling	Sampling	Terrazzo Tiles and Ordinary Tiles	Iraqi Standard No.1043:1984 The amendment no 1:1984 The amendment no 2:1988 The amendment no 3:1989 Iraqi Standard No.1042:1984 The amendment no 1,2:1988 The amendment no 3:2013
Sampling	Sampling	Asphalt	Iraqi Standard No.685:2001
Sampling	Sampling	Coarse aggregate gravel	Iraqi Standard No.29:1980
Sampling	Sampling	Fine aggregate (sand)	Iraqi Standard No.29:1980
Sampling	Sampling	Ceramic	B.S EN ISO 10545-1:1997
Sampling	Sampling	Bituminous	Iraqi Standard No.685:2001