

شهادة اعتماد

رقم TL 052



يقر نظام الاعتماد العراقي بأن:
**مختبر شركة الابداع لفحص التربة والركائز
ومواد البناء محدودة المسؤولية**
العراق - بغداد- حي القاهرة

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

في مجال:

- اختبارات المواد الانشائية
- اختبارات المواد المعدنية
- اختبارات المواد البلاستيكية
- اختبارات المواد المطاطية
- اختبارات الاجهزة والمعدات الكهربائية والإلكترونية

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 2025/6/19 الى 2027/6/18
تاريخ منح الاعتماد لأول مرة
2021/5/26

لغتن

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

المهندس
عبد الواحد محمد ابراهيم
مدير عام الهيئة/ وكالة

ACCREDITATION CERTIFICATE

No. TL 052



Iraqi Accreditation System Certify that:

**Laboratory of Al-Ebdaa Company for Soil
Investigation Piles Test & Materials Test Ltd**
Iraq – Baghdad – Hay Alqahira

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
- Polymers Materials Testing - Rubber 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 19/6/2025 To 18/6/2027

Initial accreditation date

26/5/2021


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 – Baghdad – Hay Alqahira	Organization name: Laboratory of Al-Ebdaa Company for Soil Investigation Piles Test & Materials Test Ltd	Accreditation no.: TL 052
Signature:  Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 19/6/2025 To 18/6/2027	Issue no.: 004

	Determination of filed density by the sand cone method		ASTM D1556/00 General Specification for Roads and Bridges R6:1999&2003
	Determination of sieve analysis		ASTM C136/82 General Specification for Roads and Bridges R6:1999&2003
	Determination of California bearing ratio		ASTM D 1883/99
Physical & Mechanical	Standard test method for un confined compressive soil and consolidation test	Soil investigation	ASTM D 2166
	Liquid limit , Plastic limit and Plasticity		ASTM D 4318
	Standard test method for practice for thin – walled tube sampling of soil for geotechnical purposes ²		ASTM D 1587
Physical & Mechanical	Standard test method for deep foundation elements under static axial compressive load	Piles	ASTM D 1143;2020 B.S E 1997 (Euro code 7) International building code – IBC 2009 Iraqi building code for foundation and retaining walls no 302
Electrical	Conductors of insulated cables	Cables and cords	IEC 60228
	Specification of voltage regulation distribution transformers (VRDT)	Power transformers	IEC 60076-24:2020
	Generic Specification general , definitions and requirements	Coaxial communication cables	IEC 61196-1:2005
	Polyvinyl chloride insulated cables for rated voltage up to and including	Cables	IEC 60227-1:2007

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Testing field	Type of test	Test object or product	Reference to standardized method
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 and dimension	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 modulus rapture	Ceramic Tiles	I.Q.S No 1704 /1992 part (1-2-3-4) I.Q.S No 1627 /1991 EN ISO 10545 Part 4-2 ISO 13006
Physical	Determination of water absorption and dimensions		
Mechanical	Determination of breaking strength	Terrazzo tiles and ordinary tiles	I.Q.S No 1042&1043 /1984 Iraqi Guide no.31: 1989
Physical	Determination of water absorption and dimensions		
Mechanical	Determination of Compressive Strength	Concrete core	ASTM C42/03
Physical	Determination of water absorption		
Mechanical	Determination of Compressive Strength	Clay brick	I.Q.S No 24 /1988 I.Q.S No 25 /1988
Physical	Determination of dimension		
Physical	Determination of water absorption		
Physical	Determination of efflorescence		
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		

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Mechanical	Determination of Compressive Strength	Solid concrete interlocking paving units	I.Q.S No 1606 /2017 ASTM C 140
Physical	Determination of water absorption		
Mechanical	Determination of Compressive Strength	Cement	I.Q.S No 5 /2019 Iraqi Guide no.198: 1990 ASTM C204 BS EN 196-6 B.S.12 part 2:1971
Physical	Determination of setting time		
	Determination of fineness		
	Soundness Determination of		
Mechanical	Determination of Compressive Strength and breaking strength	Gypsum	I.Q.S No 28 /1988
Physical	Determination of setting time		
	Determination of fineness		
Mechanical	Determination of elongation	Reinforcing steel bar	ASTM / A370 ASTM /A615
	Determination of tensile strength		
	Determination of yield strength		
Physical	Determination of maximum dry density	Soil	ASTM D 698/00
	Determination of filed density by the cylinder method		ASTM D 2937/00
	Determination of liquid limit and plastic limit		ASTM D 4318/00
	Determination of organic materials by burn method		ASTM D 2974/00
	Determination of California bearing ratio		ASTM D 1883/99
Physical	Determination of maximum dry density	Sub base	ASTM D1557/00 General Specification for Roads and Bridges R6:1999&2003

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Mechanical	Determination of elongation	Expansion joints. pads rubber plain and steel laminated	ASTM D 4014 B.S 903
	Determination of tensile strength		
	Determination of yield strength		
Physical & Mechanical	Standard test method for Marshall stability and flow and air void and bulk density	Asphalt	ASTM D 6927
	Quantitative extraction of asphalt binder from asphalt mixture		ASTM D 2172
	Determination of compaction and thickness		ASTM D 3549
	Standard test method for asphalt content of asphalt mixture and sieve analysis		ASTM D 6307 ASTM D 136
	Determination of loss on heating		ASTM D 146
	Kinematic viscosity		ASTM D 2027 ASTM D 2028 AASHTO M 81 AASHTO M 82
	Residue from distillation to 360 °C		
	Water %		
	Viscosity at 60 °C		
	Ductility at 25 °C		
Physical & Mechanical	Penetration test	Asphalt	ASTM D 36
	Ductility		ASTM D 92
	Flash and point		ASTM D 113
	Softening point		I.Q.S 1196
	Solubility in trichloroethylene		ASTM D 5
Physical & Mechanical	Hydrostatic Pressure & Dimension	PVC pipes & UPVC	ASTM D3034-15
	Determination of Dimension		DIN8061 DIN8062 5113IQS