

شهادة اعتماد

رقم 023 TL



يقر نظام الاعتماد العراقي بأن:
مختبر اندريا الهندسي
العراق - بغداد - حي الوحدة

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 2025/7/10 الى 2027/7/9

تاريخ منح الاعتماد لأول مرة

2018/5/16

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

المهندس
عبد الواحد محمد ابراهيم
مدير عام الهيئة/ وكالة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 023



Iraqi Accreditation System Certify that:
Andrea Engineering Laboratory
Iraq- Baghdad- Al-Wadah Dist.

Is accredited according to the requirements of the standard ISO/IEC 17025:2017
(General Requirements for the Competence of Testing and Calibration Laboratories)

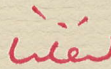
In the field of:
- Construction Materials Testing
- Metallurgical Materials Testing

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 10/7/2025 To 9/7/2027
Initial accreditation date
16/5/2018


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- Al-Wadah Dist.	Organization name: Andrea Engineering Laboratory	Accreditation no.: TL 023
Signature: Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 10/7/2025 To 9/7/2027	Issue no.: 005

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
Physical	Determination of density	Concrete cube	Iraqi guide No.274/1992
Mechanical	Determination of Compressing Strength	Clay bricks	IQS 24, IQS 25
Physical	Standard test method for sieve analysis of fine and coarse aggregates	Fine and coarse aggregates	ASTM C136M – 16
Mechanical	Point load test	Rock	ASTM D5731
Physical	Standard test method for density and unit weight of soil in place by the sand cone method	Sub base Soil	ASTM D1556
Physical	Determining the thermal conductivity of soil and rock using a thermal needle probe	Soil	ASTM D 5334
Physical	Measuring soil resistivity to assess and control corrosion of buried structures and design cathodic protection systems.	Soil	ASTM G57
Mechanical	Determination unconfined Compressive Strength of Cohesive Soil	Soil	ASTM D2166/D2166
Physical	Determination consolidation properties of soil	Soil	ASTM D2435/D2435M-11
Physical	Standard test methods for one-dimensional consolidation properties of soils using incremental loading	Soil	ASTM D2435/D2435M
Mechanical	Determination of unconfined Compressive strength of cohesive soil	Soil	ASTM D2166
Physical	Standard test methods for liquid limit, plastic limit, and plasticity index of soils	Soil	ASTM D4318
Mechanical	Triaxial shear test	Soil	ASTM D2850
Mechanical	Direct shear test	Soil	ASTM D3080
Mechanical	CBR Test	Soil	ASTM D1883
Mechanical	Uniaxial test	Soil	ASTM D2166
Mechanical	Hydrometer test	Soil	ASTM D7928
Mechanical	Standard Penetration test	Soil	ASTM D1586-11
Mechanical	Determination of tensile strength	Reinforcing steel bar	ASTM A370, ASTM A615
Mechanical	Determination of yield strength	Reinforcing steel bar	ASTM A370, ASTM A615
Mechanical	Determination of elongation	Reinforcing steel bar	ASTM A370, ASTM A615