

شهادة اعتماد

رقم TL 118



يقر نظام الاعتماد العراقي بأن:
مختبر الكرامة للفحوصات الهندسية/ شركة الكرامة
للفحوصات والاستشارات والخدمات الهندسية
العراق - ميسان - العمارة - طريق الكحلأ

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 الانابيب

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 ٢٠٢٥/١/٨ الى ٢٠٢٧/١/٧
تاريخ منح الاعتماد لأول مرة
٢٠٢٢/١١/١٤

نقلت

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

المهندسة
بان ابراهيم نوروز
مدير عام الهيئة

ACCREDITATION CERTIFICATE

No. TL 118



Iraqi Accreditation System Certify that:

**Al-Karama Laboratory for Engineering Tests/
Al-Karama Tests, Consultants and Engineering
Services Co.**

Iraq -Maysan -Amara -Kahla Street

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
- Polymer Materials Testing
- Pipes Testing

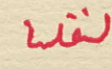
This accreditation is subject to with the above standard & IQAS requirements
The scope of accreditation is attached to the certificate & considered as part of it
The most recent issue of the accreditation scope is available on IQAS website

<https://iqas.mop.gov.iq>

Accreditation is valid From 8/1/2025 To 7/1/2027

Initial accreditation date
14/11/2022


Eng. Ban Ibrahim Nawrooz
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 -Maysan -Amara -Kahla Street	Organization name: Al-Karama Laboratory for Engineering Tests/ Al-Karama Tests, Consultants and Engineering Services Co .	Accreditation no.: TL 118
Signature:  Eng. Ban Ibrahim Nawrooz Director General of IQAS	Accreditation is valid: From 8/1/2025 To 7/1/2027	Issue no.: 002

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 tensile strength Determination of yield strength Determination of elongation Deformations	Reinforcing steel bars	ASTM A615 ASTM A370 ASTM E8
Mechanical	Standard test method for compressive strength of hydraulic cement mortars	Cement	ASTM C109:2020
Physical	Standard test methods for time of setting of hydraulic cement by Vicat needle	Cement	ASTM C191:2021
Physical	Standard test method for bulk specific gravity and density of non-absorptive compacted bituminous mixtures	Asphalt mixture	ASTM D2726:2021
Physical & Mechanical	Standard test method for marshal stability and flow of asphalt mixtures	Asphalt mixture	ASTM D6927:2015
Physical	Standard specification for concrete aggregate	Aggregate	ASTM C33:2018
Physical	Standard test method for sieve analysis of fine and coarse aggregate	Aggregate	ASTM C136:2019
Physical & Mechanical	Method of sampling and testing clay building bricks	Brick	IQS 24:1988 IQS 25:1988
Physical & Mechanical	Testing methods of terrazzo and ordinary tiles	Tiles	Iraqi guide no. 31:1989 IQS 1042
Physical & Mechanical	Testing methods of precast concrete flags	Precast tiles	IQS 1107:1988
Physical	Standard specification for materials for soil-aggregate subbase, base and surface courses	Subbase	ASTM D1241
Physical	Standard test method for density and unit weight of soil in place by the sand-	Subbase	ASTM D1556:2016

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	cone method		
Physical & Mechanical	Methods of sampling and testing concrete masonry units	Concrete masonry units	Iraqi guide no. 32:1989
Physical	Load bearing concrete masonry units	Concrete masonry units	IQS 1077:1987
Physical & Mechanical	Standard test methods for sampling and testing concrete masonry units and related units	Solid concrete interlocking paving units	ASTM C140:2013 IQS 1606
Physical	Determination of soil density in place by the drive cylinder	Soil	Iraqi guide no. 854:2003
Physical	Standard test methods for laboratory determination of water (moisture) content of soil by mass	Soil	ASTM D2216:2019
Physical & Mechanical	Standard test methods for liquid limit, plastic limit and plasticity index of soils	Soil	ASTM D4318:2018
Physical	Soil investigations standard test methods for particle-size analysis of soils	Soil	ASTM D422:2007
Physical	Soil investigations standard test methods for direct shear test of soils under consolidated drained conditions	Soil	ASTM D3080:2004
Physical	Soil investigations standard test methods for unconfined compressive strength of cohesive soil	Soil	ASTM D2166:2006
Physical	Soil investigations standard test methods for one dimensional consolidation properties of soils using incremental loading	Soil	ASTM D2435:2004
Electrical	Measuring of soil resistivity using the Wenner four-electrode method	Soil	ASTM G57-20
Physical	Plastic piping systems for non-pressure underground drainage and sewerage unplasticized poly (Vinyl Chloride) (PVC-U)	PVC-U Pipes	IQS 5037:2017

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Physical	Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure unplasticized poly (Vinyl Chloride) (PVC-U)	PVC-U Pipes	IQS 1512:2022
Physical	Unplasticized Polyvinyl Chloride (PVC-U) pipes general quality requirements and testing	PVC-U Pipes	DIN 8061:2016
Physical	Unplasticized Polyvinyl Chloride (PVC-U) Pipes Dimensions	PVC-U Pipes	DIN 8062:2009
Physical & Mechanical	Plastics Piping Systems for Water Supply and for Drainage and Sewerage under Pressure Polyethylene (PE)	PE Pipes	IQS 5156:2023
Physical	Polypropylene (PP) Pipes, PP-H, PP-B, PP-R, PP-RCT, Dimensions	PP Pipes	DIN 8077:2008 & 8078:2008
Physical	Ductile Iron Pipes, Fittings, Accessories and Their Joints for water applications	Ductile Pipes	ISO 2531:2009
Physical	Glass Reinforced Plastics (GRP) Pipes, Joints and Fittings for use for water supply or sewerage	GRP Pipes	BS 5480
NDT	Liquid penetrant test	Boiler and Pressure Vessel	ASME BPVC 2021