

شهادة اعتماد

رقم TL 112



يقر نظام الاعتماد العراقي بأن:

**مختبر شركة الركن الهندسي للتصاميم
والخدمات الهندسية والفحص الهندسي للمشاريع**
العراق - بغداد - الكرادة - برك السعدون - خدمي محمد القاسم - قرب جسر المشاة

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 2025/6/30 الى 2027/6/29

تاريخ منح الاعتماد لأول مرة

2023/2/19

سقف

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

المهندس
عبد الواحد محمد ابراهيم
مدير عام الهيئة/ وكالة

ACCREDITATION CERTIFICATE

No. TL 112



Iraqi Accreditation System Certify that:

**Al-Rukn Al-Handasi Company for Design
and Engineering Services and Engineering
Test for Projects Laboratory**

Iraq – Baghdad - Karrada - Alsaadon park - Mohammed Al-Qasim Street Service
- near the pedestrian bridge

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

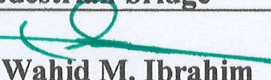
The most recent issue of the accreditation scope is available on IQAS website
<https://iqas.mop.gov.iq>

Accreditation is valid From 30/6/2025 To 29/6/2027

Initial accreditation date
19/2/2023


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 - Karrada - Alsaadon park - Mohammed Al-Qasim Street Service - near the pedestrian bridge	Organization name: Al-Rukn Al-Handasi Company for Design and Engineering Services and Engineering Test for Projects Laboratory	Accreditation no.: TL 112
Signature:  Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 30/6/2025 To 29/6/2027	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: 274:1992
Physical	Standard specification for concrete aggregate	Aggregate	ASTM C33:2024
Physical	Standard test method for determining the particle size distribution of fine and coarse aggregate through sieve analysis , ensuring quality and consistency in construction materials	Aggregate	ASTM C136:2019
Physical	Standard Test Method for Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	Aggregate	ASTM C117:2023
Physical	Standard specification for materials for soil-aggregate subbase, base and surface courses	Subbase	ASTM D1241:2016
Physical	Standard test method for density and unit weight of soil in place by the sand-cone method	Subbase	ASTM D1556:2016
Physical	Determination of soil density in place by the drive cylinder	Soil	IG 854:2003
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	Asphalt	ASTM D 6307 ASTM D 136

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	Determination of loss on heating		ASTM D 146
	Kinematic viscosity		ASTM D 2027
	Residue from distillation to 360 °c	Asphalt	ASTM D 2028
	Water %	Asphalt	AASHTO M 81
	Viscosity at 60 °c	Asphalt	AASHTO M 82
	Ductility at 25 °c		
Mechanical	Determination of Compressive Strength	Clay bricks	IQS 24:1988 IQS 25:1988
Physical	Determination of dimension	Clay bricks	
Physical	Determination of water absorption	Clay bricks	
Physical	Determination of efflorescence	Clay bricks	
Physical	Methods of sampling and testing concrete masonry units	Concrete masonry units	IG 32:1989
Physical	Load bearing concrete masonry units	Concrete masonry units	IQS 1077:1987
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		
Physical	Precast concrete flags	Precast Tiles	IQS 1107:1988
Physical	Solid concrete interlocking paving units	Solid concrete interlocking paving units	IQS 1606:2017
Physical	Standard test methods for sampling and testing concrete masonry units and related units	Solid concrete interlocking paving units	ASTM C140:2024
Mechanical	Determination of tensile strength	Reinforcement steel bar	ASTM A370 ASTM A615
Mechanical	Determination of yield strength	Reinforcement steel bar	ASTM A370 ASTM A615
Mechanical	Determination of elongation	Reinforcement steel bar	ASTM A370 ASTM A615