

شهادة اعتماد

رقم TL 194



يقر نظام الاعتماد العراقي بأن:
**مختبر شركة الاتجاه الواحد للمقاولات العامة محدودة
المسؤولية**

العراق - صلاح الدين - تكريت - مجمع القرية الرومانية - رقم الدار 2055

تم اعتماده وفقا لمتطلبات المواصفة
(المتطلبات العامة لاهلية مختبرات الفحص والمعايرة)

في مجال:

- اختبارات المواد الانشائية
- اختبارات المواد الكيميائية
- 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 2025/7/23 الى 2026/11/10

تاريخ منح الاعتماد لأول مرة

2024/11/11

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 194



Iraqi Accreditation System Certify that:

Laboratory of One Direction General Contracting Limited Liability Company

Iraq - Salah Al-Din - Tikrit – Roman Village Complex - House No. 2055

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
- Chemical 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 23/7/2025 To 10/11/2026

Initial accreditation date
11/11/2024


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 - Salah Al-Din - Tikrit – Roman Village Complex - House No. 2055	Organization name: Laboratory of One Direction General Contracting Limited Liability Company	Accreditation no.: TL 194
Signature:  Eng. Abdul Wahid M. Ibrahim Director General of IQAS	Accreditation is valid: From 23/7/2025 To 10/11/2026	Issue no.: 002

Testing field	Type of test	Test object or product	Reference to standardized method
Chemical	Standard test methods for copper in water	Water	ASTM D1688-17
Chemical	Determination of pH meter	Water	IQS 417
Chemical	Determination of electrical conductivity (EC) meter	Water	IQS 417
Mechanical	Determination of compressive strength	Concrete cube	Iraqi guide no. 348
Mechanical & Physical	Shape & dimensions	Terrazzo tiles	IQS 1042
	Finish & appearance		
	Total water absorption		
	Tile face absorption		
	Breakage resistance		
	Corrosion rate		
Mechanical & Physical	Materials	Ordinary tiles	IQS 1043
	Shapes and dimensions		
	Appearance		
	Color		
	Clip		
Mechanical & Physical	Dimensions	Concrete masonry unit	IQS 1077
	Pressure bearing strength		
	Absorption		
Mechanical & Physical	Dimensions	Precast concrete flags	IQS 1107
	Facial flatness and skewness		
	Absorb water		
	Breakage criteria		
Mechanical & Physical	Appearance	Pre- cast concrete Kerbs and channels	IQS 1106
	Dimensions		
	Bending strength		
	Water absorption		
	Sulfur content		

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Physical	Dimensions	Reinforced-concrete cantilever stair steps	IQS 1381
Physical	Appearance	Concrete pavement bricks	IQS 1606
	Dimensions		
	Compressive strength		
	Water resistance		
	Abrasion resistance		
Physical	Dimensions	Concrete building blocks	IQS 1675
	Bending Strength		
	Water absorption		
Mechanical & Physical	Dimensions	Clay building bricks	IQS 24 IQS 25
	Appearance		
	Face flatness		
	Compression resistance		
	Water absorption		
	Efflorescence		
Mechanical, Physical & Chemical	Sieve analysis	Fine aggregate, coarse aggregate, combined aggregate, and concrete aggregate.	IQS 45 (1984), B.S 882 (1992), ASTM C33/03.
	Organic matter		
	Sulfur salts (SO ₃)		
	Physical gypsum		
Mechanical, Physical & Chemical	Soil compression	Subbase, Soil	SORB/R5/R6 for 1999 & 2003
	Sieve analysis		
	Maximum dry density		
	Optimum moisture		
	Organic matter		
	Soluble salts		
	Sulfur salts (SO ₃)		
	Gypsum		
	Liquidity limit		

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	Plasticity index		
	Shear strength test		
	Unconfined compression test		
Mechanical, Physical & Chemical	Softness	Gypsum and boric	IQS 28 (2010) 1/2015
	Setting time		
	Compressive strength		
	Fracture strength		
	SO ₃		
	Toughness		
Mechanical, Physical & Chemical	Magnesium oxide (MgO)	Portland cement	ASTM C150 IQS 5
	Sulfur trioxide (SO ₃)		
	Loss on ignition		
	Insoluble residue		
	C ₃ A		
	Air content of mortar, volume		
	Fineness (m ² /kg)		
	Soundness using Autoclave method(%)		
	Compressive strength,		
	Time of setting; Vicat test		
	Insoluble residue		
Mechanical & Physical	Finish appearance	Ceramic unglazed acid resisting tiles	IQS 1627
	Face flatness		
	Buckling		
	Bending strength		
	Water absorption		
	Transverse load		
	Crack resistance of glazing layer		
	Chemical resistance		

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Mechanical & Physical	Water absorption	Natural Building Stone	IQS 1387
	Density		
	Compressive strength		
	Bending strength		
	Abrasion resistance		
Mechanical & Physical	Nominal diameter	Reinforcing steel bar	ASTM A370 ASTM A615 ASTM E290
	Ultimate tensile strength		
	Yield strength		
	Elongation		
	Bend test		
Mechanical & Physical	Sieve analysis	Asphalt	SORB/R9/1999 and 2003
	Asphalt percentage		
	Marshall flow and stability		
	Creep amount		
	Bulk density		
	Air void percentage		
Mechanical & Physical	Thickness	Concrete Fence Poste	IQS 1678
	Water absorption		
	Compressive strength		