

شهادة اعتماد

رقم TL 068



يقر نظام الاعتماد العراقي بأن:
مختبرات شركة المقياس الدولية للخدمات الهندسية والبيئية
والتصاميم والفحص الهندسي والتدريب والتطوير المحدودة
العراق - البصرة - الرباط الكبير

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

- اختبارات المواد الانشائية
- اختبارات المواد المعدنية
- اختبارات المواد البلاستيكية
- اختبارات المواد البيئية

شرط التوافق مع متطلبات المواصفة اعلاه ومتطلبات IQAS الخاصة بالاعتماد
مجال الاعتماد المرفق بالشهادة يعتبر جزءا لا يتجزء منها
يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني

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

يكون الاعتماد نافذا من ٢٠٢٦/٢/٢٣ الى ٢٠٢٨/٢/٢٢
تاريخ منح الاعتماد لأول مرة
٢٠٢٢/٢/١٦

أ.د. خالد بنال النجم
وزير التخطيط/ وكالة

محمد أيدين عمر
مدير عام الهيئة/ وكالة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 068



Iraqi Accreditation System Certify that:

**Laboratories of Al Miqias International Company
for Engineering, Environmental Services, Design,
Engineering Inspection, Training
and Development Limited**

Iraq – Basra- Al-Ribat Al-Kabeer

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
- Environmental 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

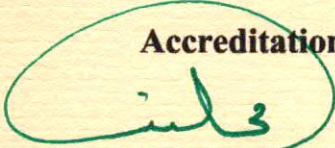
The most recent issue of the accreditation scope is available on IQAS website

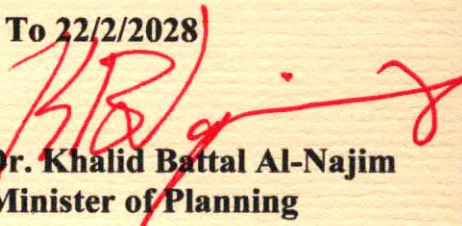
<https://iqas.mop.gov.iq>

Accreditation is valid From 23/2/2026 To 22/2/2028

Initial accreditation date

16/2/2022


Mohammed Ayden Omar
Director General of IQAS


Prof. Dr. Khalid Battal Al-Najim
Minister of Planning

	<p style="text-align: center;">استمارة مجال الاعتماد Scope of Accreditation form</p>	<p style="text-align: center;">نظام الاعتماد العراقي IQAS</p>
<p>Organization address: Iraq – Basra- Al-Ribat Al-Kabeer</p>	<p>Organization name: Laboratories of Al Miqias International Company for Engineering, Environmental Services, Design, Engineering Inspection, Training and Development Limited</p>	<p>Accreditation no.: TL 068</p>
<p>Signature: Abdul Wahid M. Ibrahim Deputy General Manager</p>	<p>Accreditation is valid: From 23/2/2026 To 22/2/2028</p>	<p>Issue no.: 003</p>

Testing field	Type of test	Test object or product	Reference to standardized method
Mechanical	Determination of Ultimate tensile	Steel reinforcing bars	ASTM A370-19e1
	Determination of Yield Strength		
	Determination of Ultimate Elongation		
Chemical	Chemical Composition		ASTM A370, A36 BS 4449
Mechanical & Physical	Determination of Compressive Strength	Concrete Cubes	BS EN 12390-P3:2009 Iraq Reference Guide No.348:2017
	Density of hardened Concrete		BS EN 12390-P7
	Permeability		BS EN 12390-P8
Physical	Bulk specific gravity and density of non-absorptive compacted asphalt	Asphalt	ASTM D2726 / D2726-19
	Standard test method for Marshall stability and flow of asphalt mixtures		ASTM D6927-15
Physical	Determination of water (Moisture) content by mass	Aggregate	ASTM D2216-19
	Determination of water (Moisture) content by microwave oven heating		ASTM D4643-17
	Sieve analysis	Fine aggregate	ASTM C136-19 ASTM C117-17
		Coarse aggregate	
Physical	Density and unit weight of soil in place by sand-cone method	Sub-base	ASTM D 1556-15e1
Mechanical & Physical	Determination of laboratory compaction characteristics using modified effort (2,700 KN-m/m ³)	Soil	ASTM D 1557-12e1
	Density in place by the drive-cylinder method	Soil	ASTM D 2937-17e2

	<p style="text-align: center;">استمارة مجال الاعتماد Scope of Accreditation form</p>	<p style="text-align: center;">نظام الاعتماد العراقي IQAS</p>
<p>Organization address: Iraq – Basra- Al-Ribat Al-Kabeer</p>	<p>Organization name: Laboratories of Al Miqias International Company for Engineering, Environmental Services, Design, Engineering Inspection, Training and Development Limited</p>	<p>Accreditation no.: TL 068</p>
<p>Signature: Abdul Wahid M. Ibrahim Deputy General Manager</p>	<p>Accreditation is valid: From 23/2/2026 To 22/2/2028</p>	<p>Issue no.: 003</p>

Mechanical & Physical	Soil Investigation Thin-walled tube sampling of soils for geotechnical purposes	soil	ASTM - D1587-2012
	Soil investigation determining sub surface liquid levels in a borehole or monitoring		ASTM D4750
	Soil investigation wet preparation of soil samples for particle size analysis and determination of soil constants		ASTM D2217
	Soil investigation soil exploration and sampling by auger borings		ASTM D1452
	Soil Investigation sieve analysis		ASTM C136, C117
	Soil Investigation density on site		ASTM D1556, D2937
Mechanical	Soil investigation Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils	Soil	ASTM D1586
Mechanical	Determination of external loading characteristics	Plastic Pipe	ASTM D2412
Physical	Determination of wall thickness	Plastic Pipe and fitting	ASTM D2412
	Determination of diameter		ASTM D2122
Mechanical	Determination of external loading characteristics	GRP Pipe	ASTM D2412
Physical	Determination of wall thickness		ASTM D3517
	Determination of diameter	ASTM D3567	
Non - Destructive	UT	Welding	API 1104
	MT	Welding	ASME 31.4
	PT	Welding	ASME 31.3
	RT	Welding	
	VT	Welding	
	Pulse Velocity	Concrete	ASTM C597: 2016
Mechanical	Determination of Compressive Strength	Brick	Iraqi Standard 24
Mechanical	Determination of Compressive Strength	Concrete pavement	Iraqi Standard 1606/2006
Physical	Abrasion		
Mechanical	Compressive Strength of Hydraulic Cement	Cement	ASTM C109

	<p style="text-align: center;">استمارة مجال الاعتماد Scope of Accreditation form</p>	<p style="text-align: center;">نظام الاعتماد العراقي IQAS</p>
<p>Organization address: Iraq – Basra- Al-Ribat Al-Kabeer</p>	<p>Organization name: Laboratories of Al Miqias International Company for Engineering, Environmental Services, Design, Engineering Inspection, Training and Development Limited</p>	<p>Accreditation no.: TL 068</p>
<p>Signature:  Abdul Wahid M. Ibrahim Deputy General Manager</p>	<p>Accreditation is valid: From 23/2/2026 To 22/2/2028</p>	<p>Issue no.: 003</p>

	Mortars		
	Time of Setting of Hydraulic Cement By Vicat Needle		ASTM C191
Physical	Modulus of Rupture	Precast Concrete	I.R.G 1107
Mechanical & Physical	Integrity testing of Concrete Deep Foundation	Pile	ASTM D5582
	Dynamic testing		ASTM D4945
	Static Axial Compressive Load Test		ASTM D1143
	Static Axial Tensile Load Test		ASTM D3689
	Lateral Load Test		ASTM D3966
Physical	Plate Load Test	Soil	ASTM D1196
Physical	Lab CBR Test	Soil	ASTM D1883 BS 1377
Physical	In Situ CBR Test	Soil	ASTM D4429 BS 1377
Physical	Soil Investigation Direct Shear	Soil	ASTM D3080
	Soil Investigation Consolidation		ASTM D2435
	Soil Investigation Unconfined Test		ASTM D2166
	Soil Investigation Hydrometer Test		ASTM D422
	Soil Investigation Liquid Limit & Plastic Limit		ASTM D4318
Physical	Penetration Test	Bitumen	AASHTO T49
	Flash Point Test		AASHTO T48
	Kinematic Viscosity		AASHTO T 72
	Softening Point		AASHTO T 53
	Ductility		AASHTO T 51
Mechanical	Compressive Strength of cylindrical Concrete Specimens	Concrete	ASTM C39
Non - Destructive	Rebound Number of Hardened Concrete	Concrete	ASTM C805
Chemical	Sulfate (SO₃), Gypsum Content, Organic Matter, and Total Suspended Solids (T.S.S)	Sub-base	BS 1377

	<p style="text-align: center;">استمارة مجال الاعتماد Scope of Accreditation form</p>	<p style="text-align: center;">نظام الاعتماد العراقي IQAS</p>
<p>Organization address: Iraq – Basra- Al-Ribat Al-Kabeer</p>	<p>Organization name: Laboratories of Al Miqias International Company for Engineering, Environmental Services, Design, Engineering Inspection, Training and Development Limited</p>	<p>Accreditation no.: TL 068</p>
<p>Signature: Abdul Wahid M. Ibrahim Deputy General Manager</p>	<p>Accreditation is valid: From 23/2/2026 To 22/2/2028</p>	<p>Issue no.: 003</p>

	Sulfate (SO ₃), Gypsum Content, Chloride (Cl), Carbonate, PH, Organic Matter and Total Suspended Solids (T.S.S)	soil	BS 1377
	Sulfate (SO ₃) and Chloride (Cl)	Aggregate	BS 1377
	Sulfate (SO ₃)	Cement	ASTM C114
Chemical	Sulfate (SO ₃), Chloride (Cl), Organic Matter, and Total Suspended Solids (T.S.S)	Water	IQS 1703
Chemical	Determination of TPH	Soil and Water	ISO 9377-2
	Determination of BTEX MTBE and Volatile Petroleum Hydrocarbons C5-C10	Soil and Water	EPA 8260
	Determination of PH	Water	APHA 4500-H ⁺ B
	Determination of TDS	Water	APHA 2540 C
	Determination of Asbestos	Air	NIOSH 7400
	Determination of Heavy Metals	Soil and Water	EPA 200.7 / ISO 11885
	Determination of moisture content	Soil	ASTM D2216
Chemical	Determination of particulate matter (PM _{2.5} , PM ₁₀)	Air	EPA Reference Method 202 / ISO 12103-1
	Determination of CO ₂ – Carbon Dioxide	Air	EPA RM 1-4 / NIOSH 6602
	Determination of H ₂ S – Hydrogen Sulfide	Air	USEPA Method 11 / NIOSH 6013