وزارة التخطيط الهيأة العراقية للاعتماد IQAS

شهادة اعتماد

رقم TL 222



يقر نظام الاعتماد العراقي بأن: مختبرات شركة مسار الخبراء للتجارة والمقاولات العامة والخدمات العامة والنقل العام والتجهيزات الغذائية وخدمات التنظيف والقحص والتقييس والسيطرة النوعية والتعبئة والتغليف محدودة المسؤولية العراق ـ ديالي ـ منفذ المنذرية الحدودي

تم اعتمادها وفقا لمتطلبات المواصفة 150/IEC 17025:2017 المتطلبات العامة لاهلية مختبرات الفحص والمعايرة) في محال:

- اختبارات المواد الانشائية - اختبارات المواد المعدنية

- اختبارات المواد البلاستيكية - اختبارات المواد الكيميائية

- اختبارات الاجهزة والمعدات الكهربائية والالكترونية

شرط التوافق مع متطلبات المواصفة اعلاه ومتطلبات IQAS الخاصة بالاعتماد مجال الاعتماد المرفق بالشهادة يعتبر جزءا لايتجزء منها يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني https://iqas.mop.gov.iq

يكون الاعتماد نافذا من 2025/5/27 الى 2027/5/26 تاريخ منح الاعتماد لاول مرة 2025/5/27

أد. محمد علي تميم نانب رئيس مجلس الوزراء وزير التخطيط

المهندس عبد الواحد محمد ابراهيم مدير عام الهيأة/ وكالة Ministry of planning
Iraqi Organization for Accreditation
IOAS

ACCREDITATION CERTIFICATE

No. TL 222



Iraqi Accreditation System Certify that:

Laboratories of Masar Al-Khubra Company for Trade, General Contracting, Public Services, Public Transport, Food Equipment, Cleaning Services, Inspection, Standardization, Quality Control, Packaging and Packaging Limited Liability

Iraq – Diyala - Al-Munzeriya Border Port

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
- Chemical Materials Testing Polymer Materials Testing
- Electrical & Electronic Devices 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://igas.mop.gov.ig

Accreditation is valid From 27/5/2025 To 26/5/2027
Initial accreditation date
27/5/2025

Eng. Abdul Wahid M. Ibrahim Director General of IQAS

Dr. Mohammed Ali Tamim Deputy Prime Minister Minister of Planning

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Organization address:	Organization name:	Accreditation no.:
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Border Port	Company for Trade, General	
	Contracting, Public Services, Public	
	Transport, Food Equipment, Cleaning	.,
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	Packaging Limited Liability	
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Eng. Abdul Wahid M. Ibrahim	From 27/5/2025 To 26/5/2027	001
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Testing field	Type of test	Test object or product	Reference to standardize method
Mechanical & Physical	Tensile test and bending	Glass fiber concrete rein or cement bars	GSO 2488/2015
Mechanical & Physical	Compressive strength test	Facing brink solid masonry units made from clay or shale	ASTM C216
Mechanical & Physical	Dimensions and tolerances Flexion resistance	Gypsum board	IQS 1676
Mechanical & Physical	The examination is conducted according to the reference guide No.1042 for physical examination of building plaster	Gypsum for construction	IQS 28
Mechanical & Physical	- Dimensions - Disparity	Silica refractories for use in class melting	IQS 1749
Mechanical & Physical	 Dimensions Straightness Perpendicularity Congruence of panels 	Specification for fiber building boards	Standard specification 717
Mechanical & Physical	Determination of density	Fiber building boards definition classification	IQS 1749
Mechanical & Physical	Dimension variation distortion and cracks	Silica refractories for use in glass melting furnaces	IQS 1749
Mechanical & Physical	 Mass loss Determination of moisture content Straightness Dimensions Perpendicularity 	Fiber building boards	IQS 717
Mechanical & Physical	Chips and cracks	Silica refractories for use in glass melting furnaces	IQS 1749

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Mechanical & Physical	Aggregate particles in microns	Determination of particle size and shape of aggregates	IQS 30
Mechanical & Physical	Flexor and compression	Portend cement and Clinker.	IQS 5
Mechanical & Physical	DimensionsFractureToleranceWater absorption	terrazzo tiles with one layer for internal USE	IQS 5038
Mechanical & Physical	DimensionsAbsorptionCompressionWild	sold concrete interlocking paving units	IQS 1606
Mechanical & Physical	- Appearance dimensions grain density	Filter sands and filter gravels for water purification filters	IQS:2000/1555
Mechanical & Physical	- Determination of dissolved silica by mass method	Alkali potential reactivity of coarse and fine aggregates used in concrete cardinal method	IQS 42
Mechanical & Physical	Fine or Crosse aggregate	Aggregate for concrete and building	IQS:45
Mechanical & Physical	Determine the increase and decorate in abrasion or impact wear Fine or Crosse aggregate	Materials for soil	IQS:1693
Mechanical & Physical	Effect of humidity change after water immersion bending resistance modvivs of elasticity internal cross linking	standard solid panels	IQS 548

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Border Port	Company for Trade, General	
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Mechanical	Water absorption	sand-lime	IQS 548
& Physical	drovght shrinkage	blocks and bricks	FX.
ž	maximum drying shrinkage		7
	pressure tolerance	-	
Mechanical	- Soft point	asphalt used in roofing	IQS 1196
& Physical	- Flash point		
	- Permeability		
	- Viscosity temperature		
Mechanical	- Residual after evaporation	emulsified	IQS 1173
& Physical	- Non-volatile materials	asphalt used as	
	- Water ratio	protective	
	- Drought	coating for roofing	
	- Heat		
	- Plasticity		
	- Water resistance		
	- Direct flame check		
Mechanical	- Nominal size	building valves	IQS 5008/2017
& Physical	- flow rate		
	- final connections		
Mechanical	- Permeability	joint and crack	IQS 1110/2016
& Physical	- softening point	sealants, hot applied for	
	- liquidity	concrete and asphalt	
	- correlation	pavements	
	- asphalt compatibility		(a)
Mechanical	- Dimensions	clay building bricks	IQS 24
& Physical	- absorption		IQS 25
	- tolerance		
	- compressive strength		
Mechanical	- Penetration	concrete joint sealer,	IQS 1288/1988
& Physical	- Liquidity	cold application type	
	- correlation		

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Mechanical & Physical	 Viscosity distillation permeability penetration liquidity correlation 	asphalt primer	IQS 1195/2015
Chemical	L.O.I	Cement and Gypsum	IQS 472+A5 IQS 273
Physical	Setting time by Vicat	Cement	IQS 198+A3
Mechanical	Flexural strength	Cement and Gypsum	IQS 198+A3, IQS 273
Mechanical	Compressive strength	Cement, Gypsum,	IQS 198+A3 IQS1042
Physical	Dimensions	Stones and Cellular Concrete Blocks [thermstone], Clay building brick, Clay facing brick	IQS 65/3 IQS 810:09 IQS 24 ASTM C 67
Mechanical	Soundness by Le Chatelier	Cement	IQS 198+A3
Chemical	Free Water	Gypsum	IQS 273
Chemical	Combined Water	Gypsum	IQS 273
Physical	Fineness	Gypsum	IQS 28 IQS 1042
Physical	Setting Time	Gypsum	IQS 28 IQS 1042
Physical	Module of rupture	Gypsum	IQS 28 IQS 1042
Mechanical	Dimension & Shape	Terrazzo Tiles	IQS 31
Mechanical	Total Water Absorption	Terrazzo Tiles	IQS 31
Mechanical	Water Absorption by tile-face	Terrazzo Tiles	IQS 31

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Mechanical	Transverse Strength	Terrazzo Tiles	IQS 31
Mechanical	Water Absorption	Ceramic tiles and	ISO 10545-3:2019,
	1400	Cellular Concrete Blocks	IQS 810:09,
	4	[thermstone], Clay	IQS 24:1988,
		building brick, Clay	ASTM C 67:2021
		facing brick	
Mechanical	Dimension & surface quality	Ceramic tiles	ISO 10545- 2:2018
Mechanical	Breaking Strength	Ceramic tiles	ISO 10545- 4:2019
Mechanical	Modulus of Rupture	Ceramic tiles and	ISO 10545- 4:2019
		Dimension Stones	
Mechanical	Water absorption & bulk density	Dimension Stones	IQS 1387:2017
Mechanical	Standard test method for	Portland Cement	ASTM C1356-07
	quantitative determination of	Clinker	
	phases in Portland cement clinker		-
	by microscopically point-count		
	procedure		
Mechanical	Strength test [with &	Bitumen felt	IQS 4+A1:2013
	across fiber grain]	waterproofing[isogram]	
Mechanical	Loss on heating	Bitumen felt	IQS 4+A1:2013
		waterproofing[isogram]	
Mechanical	Thermal stability	Bitumen felt	IQS 4+A1:2013
		waterproofing[isogram]	
Mechanical	Dimension tolerance	Cellular Concrete	IQS 810:09
		Blocks[thermstone]	
Mechanical	Dry bulk density	Cellular Concrete	IQS 810:09
		Blocks [thermstone]	
Mechanical	Initial tensile adhesion strength	Cementations Adhesives	ISO 13007-2:2013
	test		EN 12004-2:2017
Mechanical	Tensile adhesion strength after	Cementations Adhesives	ISO 13007-2:2013
	water immersion		EN 12004-2:2017

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Mechanical	Tensile adhesion strength after	Cementations Adhesives	ISO 13007-2:2013
	heat aging		EN 12004-2:2017
Mechanical	Determination of slip	Cementations Adhesives	ISO 13007-2:2013
			EN 12004-2:2017
Mechanical	Extended open time	Cementations Adhesives	ISO 13007-2:2013
	•		EN 12004-2:2017
Mechanical	Flexural breaking	Gypsum Board	ASTM C 473:2019
Mechanical	Flexure and compression	PRE-cast concrete kerbs	IQS 5164/2022
& Physical	_	and channels	
Biological	Detection and identification	Cosmetics	ISO 22717
	Pseudomonas aeruginosa.	2	
Biological	Enumeration and detection of	Cosmetics	ISO 21149:2017
	aerobic mesophilic bacteria		
Mechanical	Check cheripple	silvered glass	IQS 1137/2020
& Physical	hot water check	mirrors for general	
		purposes	
Mechanical	Dimensions outer diameter and	seamless steel tubes for	IQS 1750/2022
& Physical	thickness	heat exchangers	
Mechanical	- Abrasion resistance	baths made	IQS 1688/1991
& Physical	- alkali resistance	from porcelain cast iron	
	- acid resistance		
	- hot water resistance		
Mechanical	Dimensions the parts are non-	low pressure regulator	IQS 1287/1988
& Physical	metallic membrane durability	for vales of LPG	
	aging of the membrane material	cylinders	
Mechanical	Stretch and elongate and bending	Iron test	ASTM A370
& Physical			ASTM A615
Mechanical	- Tensile strength	Ribbed carbon-steel bars	ASTM A370
	- Yield strength	for concrete	ASTM 615
	- Elongation	reinforcements	

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Mechanical	- Tensile Strength	Ribbed Carbon-Steel	ISO 6892-1/2019
	- Yield Strength	Bars for Concrete	ISO 15630-1/2019
	- Elongation	Reinforcements	
Mechanical	- Tensile Strength	Ribbed Carbon-Steel	BS 4449/2016
	- Yield Strength	Bars for Concrete	
	- Elongation	Reinforcements	
Mechanical	Mass per unit length	Steel Bars for concrete	ASTM E8M:2022,
	tolerance	reinforcement	BS 4449:2016
Mechanical	- Tensile strength	Steel Bars for concrete	ASTM A370
	- Yield strength	reinforcement	ASTM A615
	- Elongation		
Mechanical	- Bend Test	Steel Bars for concrete	ASTM E290:2022,
	- Re-bend test	reinforcement	ISO 7438:2016,
			ISO 7438:2016
Mechanical	Diameter tolerance	Steel Bars for concrete	ISO 6892-1:2109
		reinforcement	
Mechanical	Tensile strength, Yield strength	Steel Bars for concrete	ISO 6892-1:2109,
	after ageing	reinforcement	ISO 6892-1:2019
Mechanical	Elongation (after fracture, total	Steel Bars for concrete	ISO 15630-1:2019,
	Eat max force)	Reinforcement	ISO 15630-1:2019
Physical	Markings	Steel Bars for concrete	ISO 6935:2019
		reinforcement	
Physical	Geometrical Characteristics	PVC-U pipes within the	ISO 3126:2005, IQS
,-		building structure	1512:2022, IQS
		PVC-U pipes for non-	5037:2022, ISO 4427-
		pressure underground	2:2019
		pipes Polyethylene (PE)	
	\$	pipes for water supply	
		& for drainage	

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Physical	Impact resistance (round the clock method)	PVC-U pipes	EN ISO 3127:2017, IQS 1512:2022, IQS 5037:2022
Physical	Vicat softening temperature	PVC-U pipes	EN ISO 2507-1:2017 IQS 1512:2022, IQS 5037:2022
Physical	Longitudinal reversion (air oven method)	PVC-U pipes & PE pipes	EN ISO 2505:2005 IQS 1512:2022, IQS 5037:2022, ISO 2505
Chemical	Identification plastic type	Plastic	ISO 11469
Mechanical & Physical	- Dimensions - resistance to stretching - elongation	PVC insulated and sheathed flat cables for fixed installations	IQS:2313/ 2014
Mechanical & Physical	 Thickness Bastard Electrical Mechanical Thermal 	The rmoplastic insulated and rubber or the rmoplastic covered flat cables of rated voltage (400 v)	IQS:2200/ 2002
Electrical	Determination of Voltage,CapacityDensity	Batteries	IEC 60095-1: 2018
Electrical	Conductor resistance test	Electric cables with cross sectional area up to and including 10 mm ²	Iraqi Guideline no. 1412:2023 IEC 63294:2021
Electrical	All test	Electrical household appliances	TR ENG.81
Electrical	All test	Televisions	TR ENG.82
Electrical	All test	Plugs, Socket-outlets and Adapters	TR ENG 78

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Electrical	All test	Household Electric circuit breakers and similar installations	TR ENG 138
Electrical	All test	Dry primary batteries	IQS 114
Electrical	All test	Lead-acid starter batteries	IQS 81
Electrical	All test	Boxes and Enclosures for household and similar	TR ENG 113
Electrical	All test	Power cables for rated voltage 600/1000	TR ENG 11
Electrical	All test	Power transformer	IQS 5176
Electronic	All test	safety requirements for IT equipment	TR ENG 146
Mechanical & Physical	Trucks & bus tyers Tyer design and load rating	Truck and bus tires	IQS 2293

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