وزارة التخطيط الهيأة العراقية للاعتماد IQAS

شهادة اعتماد رقم TL 187



يقر نظام الاعتماد العراقي بأن:

مختبرات شركة مسار الخبراء للتجارة والمقاولات العامة والنقل العام والخدمات العامة والنقل العام والتجهيزات الغذائية وخدمات التنظيف والفحص والتقييس والسيطرة النوعية والتعبئة والتغليف محدودة المسؤولية

العراق _ واسط منفذ زرباطية الحدودي

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

- اختبارات المواد الانشائية

- اختبارات المواد المعدنية

- اختبارات المواد الكيميائية

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 ٢٠٢/٩/٢٩ الى ٢٠٢٦/٩/٢٨ ٢٠ تاريخ منح الاعتماد لاول مرة

أ.د. محمد علي تميم نانب رنيس مجلس الوزراء وزير التخطيط

لنقلي

المهندس عبد الواحد محمد ابراهيم ع/ مدير عام الهيأة العراقية للاعتماد

Ministry of planning Iraqi Organization for Accreditation IOAS **ACCREDITATION CERTIFICATE** No. TL 187 Iraqi Accreditation System Certify that: Laboratories of Masar Al-Khubra Company for Trade, General Contracting, Public Transport, Public Services, Public Transport, Food Equipment, Cleaning Services, Inspection, Standardization, Quality Control, Packaging and Packaging Limited Liability Iraq - Wasit - Zurbatiyah 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 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 29/9/2024 To 28/9/2026 Initial accreditation date 29/9/2024 Dr. Mohammed Ali Tamim Eng. Abdul Wahid Mohammed Ibrahim **Deputy Prime Minister Instead of General Manager of IQAS Minister of Planning**

IQAS STE	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address:	Organization name :	Accreditation no.:
Iraq – Wasit - Zurbatiyah	Laboratories of Masar Al-Khubra	TL 187
Border Port	Company for Trade, General	* 4 *
	Contracting, Public Transport, Public	·
	Services, Public Transport, Food	a 1
	Equipment, Cleaning Services, Inspection, Standardization, Quality	
W.	Control, Packaging and Packaging	
	Limited Liability	
Signature:	Accreditation is valid:	Issue no.:
Eng. Abdul Wahid Mohammed	From 29/9/2024 To 28/9/2026	001
Ibrahim	l l	
Instead of General Manager of IQAS		

Testing fields	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	Dimensions	Silica refractories for use	IQS 1749
& Physical	Disparity	in class melting	
Mechanical	Dimensions	Specification for fiber	Standard specification
& Physical	Straightness	building boards	717
	Perpendicularity Congruence of panels		
Mechanical & Physical	Determination of density	Fiber building boards definition classification	IQS 1749
Mechanical	Dimension variation distortion	Silica refractories for use	IQS 1749
& Physical	and cracks	in glass melting furnaces	3007
Mechanical	Mass loss	Fiber building boards	IQS 717
& Physical	Determination of moisture		
	content		
	Straightness	×	
	Dimensions	*	
	Perpendicularity		g.

Date: 01/07/2019 F15. Ver05 Page 1 of 8	Ver05 Page 1 of 8	Date: 01/07/2019
---	-------------------	------------------

IQAS STATE	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address:	Organization name:	Accreditation no.:
Iraq – Wasit - Zurbatiyah	Laboratories of Masar Al-Khubra	TL 187
Border Port	Company for Trade, General	-
	Contracting, Public Transport, Public	
	Services, Public Transport, Food	
	Equipment, Cleaning Services,	
	Inspection, Standardization, Quality Control, Packaging and Packaging	
	Limited Liability	
Signature:	Accreditation is valid:	Issue no.:
Eng. Abdul Wahid Mohammed	From 29/9/2024 To 28/9/2026	001
Ibrahim	**	
Instead of General Manager of IQAS		

& Physical in glass melting furnaces Mechanical & Physical Aggregate particles in microns size and shape of aggregates IQS 30 Mechanical & Physical Flexor and compression Portend cement and Clinker. Mechanical & Physical - Dimensions terrazzo tiles with one layer for internal USE Mechanical & Physical - Dimensions sold concrete interlocking paving units Mechanical & Physical - Absorption - Compression - Wild Filter sands and filter gravels for water purification filters Mechanical & Physical Appearance dimensions grain density Filter sands and filter gravels for water purification filters Mechanical & Physical Determination of dissolved silica by mass method Alkali potential reactivity of coarse and fine aggregates used in concrete cardinal method			G131 A . 1 A	TO C 4 T 40
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 - Dimensions - Fracture - Tolerance - Water absorption terrazzo tiles with one layer for internal USE IQS 5038 Mechanical & Physical - Dimensions - Absorption - Compression - Wild 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	Chips and cracks	Silica refractories for use	IQS 1749
& Physical Mechanical & Physical Mechanical & Physical Mechanical & Physical Portend cement and Clinker. Portend cement and Clinker. IQS 5 Portend cement and Clinker. IQS 5 IQS 5038 Physical - Dimensions				
Mechanical & Physical Flexor and compression Portend cement and Clinker. Mechanical & Physical - Dimensions terrazzo tiles with one layer for internal USE Mechanical & Physical - Tolerance with one layer for internal USE Mechanical & Physical - Absorption Compression - Wild 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	Aggregate particles in microns	_	IQS 30
Mechanical & Physical Flexor and compression Portend cement and Clinker. IQS 5 Mechanical & Physical - Dimensions terrazzo tiles with one layer for internal USE IQS 5038 & Physical - Fracture - Tolerance - Water absorption sold concrete interlocking paving units IQS 1606 & Physical - Absorption - Compression - Wild 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	& Physical	3.00	size and shape of	
& Physical Clinker. Mechanical & Physical - Dimensions terrazzo tiles with one layer for internal USE Water absorption sold concrete interlocking paving units Mechanical & Physical Absorption - Compression - Wild Mechanical & Physical Appearance dimensions grain density Filter sands and filter gravels for water purification filters Mechanical & Physical Determination of dissolved silica by mass method Alkali potential reactivity of coarse and fine aggregates used in concrete cardinal method			aggregates	
Mechanical & Physical - Dimensions - Fracture - Tolerance - Water absorption Mechanical & Physical - Dimensions - Absorption - Compression - Wild Mechanical & Physical Mechanical & Physical - Determination of dissolved & Physical Mechanical & Physical Determination of dissolved & Physical Mechanical & Physical Determination of dissolved & Physical Mechanical & Physical Determination of dissolved & Physical Determination of dissolved & Physical Determination of dissolved & Physical Mechanical & Physical Determination of dissolved & Physical Determination of dissolved & Physical Mechanical & Physical Determination of dissolved & Physical Determination of dissolved & Physical Mechanical & Physical	Mechanical	Flexor and compression	Portend cement and	IQS 5
& Physical - Fracture - Tolerance - Water absorption Mechanical & Physical - Absorption - Compression - Wild Mechanical & Physical Mechanical & Physical - Appearance dimensions grain density - Filter sands and filter gravels for water purification filters Mechanical & Physical Determination of dissolved & Physical Determination of dissolved aggregates used in concrete cardinal method	& Physical	30.0	Clinker.	
- Tolerance - Water absorption Mechanical & Physical Mechanical & Physical Mechanical & Physical Appearance dimensions grain density Mechanical & Physical Determination of dissolved & Physical Determination of dissolved & Physical Determination of dissolved aggregates used in concrete cardinal method internal USE IQS 1606 Filter sands and filter gravels for water purification filters IQS:2000/1555 IQS 42	Mechanical	- Dimensions	terrazzo tiles	IQS 5038
- Water absorption Mechanical & Physical - Absorption - Compression - Wild Mechanical & Physical Mechanical & Physical Mechanical & Physical Determination of dissolved & Physical & Physical Determination of dissolved aggregates used in concrete cardinal method IQS 1606 Paving units IQS 1606 Filter sands and filter gravels for water purification filters IQS:2000/1555 IQS 42	& Physical	- Fracture	with one layer for	
Mechanical & Physical - Absorption - Compression - Wild Mechanical & Physical Appearance dimensions grain density Determination of dissolved & Physical Determination of dissolved aggregates used in concrete cardinal method IQS 1606 Paving units IQS 1606 Filter sands and filter gravels for water purification filters Alkali potential reactivity of coarse and fine aggregates used in concrete cardinal method		- Tolerance	internal USE	
& Physical - Absorption - Compression - Wild Mechanical & Physical Appearance dimensions grain density Filter sands and filter gravels for water purification filters Mechanical & Physical Determination of dissolved silica by mass method Alkali potential reactivity of coarse and fine aggregates used in concrete cardinal method		- Water absorption		
- Compression - Wild Mechanical Appearance dimensions grain density Physical Determination of dissolved & Physical Physical Silica by mass method Filter sands and filter gravels for water purification filters Alkali potential reactivity of coarse and fine aggregates used in concrete cardinal method	Mechanical	- Dimensions	sold concrete interlocking	IQS 1606
- Wild Mechanical Appearance dimensions grain density Physical Determination of dissolved Silica by mass method Physical Silica by mass method Alkali potential reactivity of coarse and fine aggregates used in concrete cardinal method	& Physical	- Absorption	paving units	
Mechanical & PhysicalAppearance dimensions grain densityFilter sands and filter gravels for water purification filtersIQS:2000/1555Mechanical & PhysicalDetermination of dissolved silica by mass methodAlkali potential reactivity of coarse and fine aggregates used in concrete cardinal methodIQS 42		- Compression		
& Physical density filter gravels for water purification filters Mechanical Physical Silica by mass method of coarse and fine aggregates used in concrete cardinal method		- Wild		
Mechanical Determination of dissolved & Physical silica by mass method aggregates used in concrete cardinal method	Mechanical	Appearance dimensions grain	Filter sands and	IQS:2000/1555
Mechanical Determination of dissolved Silica by mass method Alkali potential reactivity of coarse and fine aggregates used in concrete cardinal method	& Physical	density	filter gravels for water	
& Physical silica by mass method of coarse and fine aggregates used in concrete cardinal method		-	purification filters	
aggregates used in concrete cardinal method	Mechanical	Determination of dissolved	Alkali potential reactivity	IQS 42
concrete cardinal method	& Physical	silica by mass method	of coarse and fine	
			aggregates used in	
Machanical Fine or course aggregate Aggregate for concrete IOS:45			concrete cardinal method	
Michael Aggregate Aggregate 101 concrete 125.45	Mechanical	Fine or course aggregate	Aggregate for concrete	IQS:45
& Physical and building	& Physical			
Mechanical Determine the increase and Materials for soil IQS:1693	Mechanical		Materials for soil	IQS:1693
& Physical decorate in abrasion or impact	& Physical	decorate in abrasion or impact		
wear fine or coarse		wear fine or coarse		
gregate		gregate		

Date: 01/07/2019	F15. Ver05	Page 2 of 8
------------------	------------	-------------

IQAS S	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address:	Organization name:	Accreditation no.:
Iraq – Wasit - Zurbatiyah Border Port	Laboratories of Masar Al-Khubra Company for Trade, General Contracting, Public Transport, Public Services, Public Transport, Food Equipment, Cleaning Services, Inspection, Standardization, Quality Control, Packaging and Packaging Limited Liability	TL 187
Signature:	Accreditation is valid:	Issue no.:
Eng. Abdul Wahid Mohammed	From 29/9/2024 To 28/9/2026	001
Ibrahim		
Instead of General Manager of IQAS		in the second se

Mechanical	Effect of humidity	standard solid panels	IQS 548
& Physical	change after water immersion	20	100
	bending resistance		
	modvivs of elasticity		
	internal cross linking		
Mechanical	Water absorption	sand-lime	IQS 548
& Physical	drovght shrinkage	blocks and bricks	
	maximum drying shrinkage		
	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 protective	7,5
	Water ratio	coating for roofing	9
	Drought	-	
	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	× 2
	liquidity	concrete and asphalt	
	correlation	pavements	
	asphalt compatibility		200

Date: 01/07/2019	F15. Ver05	Page 3 of 8
------------------	------------	-------------

IQAS S	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address:	Organization name:	Accreditation no.:
Iraq – Wasit - Zurbatiyah	Laboratories of Masar Al-Khubra	TL 187
Border Port	Company for Trade, General	
	Contracting, Public Transport, Public	
	Services, Public Transport, Food Equipment, Cleaning Services,	
	Inspection, Standardization, Quality	Α.
	Control, Packaging and Packaging	
	Limited Liability	
Signature:	Accreditation is valid:	Issue no.:
Eng. Abdul Wahld Mohammed	From 29/9/2024 To 28/9/2026	001
Ibrahim		
Instead of General Manager of IQAS		,

Mechanical	Dimensions	clay building bricks	IQS 24
& Physical	absorption		IQS 25
	tolerance	5	
	compressive strength		
Mechanical	Penetration	concrete joint sealer,	IQS 1288/1988
& Physical	Liquidity	cold application type	
10254 1000	correlation	20 000m2 00 0000	
Mechanical	Viscosity	asphalt primer	IQS 1195/2015
& Physical	distillation		
	permeability penetration		
	liquidity		
	correlation		
Mechanical	L.O.I	Cement and Gypsum	IQS 472+A5
			IQS 273
Mechanical	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	IQS 65/3
•		Concrete	IQS 810:09
		Blocks[thermstone],Clay	IQS 24
		building brick, Clay	ASTM C 67
		facing brick	
Mechanical	Soundness by Le Chatelier	Cement	IQS 198+A3
Chemical	Free Water	Gypsum	IQS 273

Date: 01/07/2019	F15. Ver05	Page 4 of 8



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
Mechanical	Transverse Strength	Terrazzo Tiles	IQS 31
Mechanical	Water Absorption	Ceramic tiles and Cellular Concrete Blocks [thermstone], Clay building brick, Clay facing brick	ISO 10545-3:2019, IQS 810:09, IQS 24:1988, ASTM C 67:2021
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 Dimension Stones	ISO 10545- 4:2019
Mechanical	Water absorption & bulk density	Dimension Stones	IQS 1387:2017
Mechanical	Standard Test Method for Quantitative Determination	Portland Cement Clinker	ASTM C1356-07

Date: 01/07/2019	F15. Ver05	Page 5 of 8



	of Phases in Portland Cement		-
	Clinker by Microscopically Point-Count Procedure		
3/		D'A CH	TOC 4: 14 0042
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	Cementations Adhesives	ISO 13007-2:2013
	Strength Test		EN 12004-2:2017
Mechanical	Tensile Adhesion Strength	Cementations Adhesives	ISO 13007-2:2013
	after water immersion		EN 12004-2:2017
Mechanical	Tensile Adhesion Strength	Cementations Adhesives	ISO 13007-2:2013
	after 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
		(900) (201)	
Mechanical	Flexure and compression	PRE-cast concrete kerbs	IQS 5164/2022
& Physical	_	and channels	
Biological	Detection and identification	Cosmetics	ISO 22717
	Pseudomonas aeruginosa.		

Date: 01/07/2019	F15. Ver05	Page 6 of 8

IQAS ST	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address:	Organization name:	Accreditation no.:
Iraq – Wasit - Zurbatiyah	Laboratories of Masar Al-Khubra	TL 187
Border Port	Company for Trade, General	
	Contracting, Public Transport, Public	
	Services, Public Transport, Food	
	Equipment, Cleaning Services,	
	Inspection, Standardization, Quality	×
	Control, Packaging and Packaging	
Signatures	Limited Liability Accreditation is valid:	Iggue no a
Signature:		Issue no.:
Eng. Abdul Wahid Mohammed	From 29/9/2024 To 28/9/2026	001
Ibrahim		
Instead of General Manager of IQAS		

Biological	Enumeration and detection of aerobic mesophilic bacteria	Cosmetics	ISO 21149:2017
Mechanical & Physical	Check cheripple hot water check	silvered glass mirrors for general purposes	IQS 1137/2020
Mechanical & Physical	Dimensions outer diameter and thickness	seamless steel tubes for heat exchangers	IQS 1750/2022
Mechanical & Physical	 Abrasion resistance alkali resistance acid resistance hot water resistance 	baths made from porcelain cast iron	IQS 1688/1991
Mechanical & Physical	Dimensions the parts are non- metallic membrane durability aging of the membrane material	low pressure regulator for vales of LPG cylinders	IQS 1287/1988
Mechanical	Stretch and elongate and	Iron test	ASTM AG15M
& Physical Mechanical	- Tensile strength - Yield strength - Elongation	Ribbed carbon-steel bars for concrete reinforcements	ASTM A615M ASTM A370 ASTM 615
Mechanical	Tensile StrengthYield StrengthElongation	Ribbed Carbon-Steel Bars for Concrete Reinforcements	ISO 6892-1/2019 ISO 15630-1/2019
Mechanical	Tensile StrengthYield StrengthElongation	Ribbed Carbon-Steel Bars for Concrete Reinforcements	BS 4449/2016
Mechanical	Mass per unit length tolerance	Steel Bars for concrete reinforcement	ASTM E8M:2022, 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
Mechanical	Diameter tolerance	Steel bars for concrete reinforcement	ISO 6892-1:2109
Mechanical	Tensile strength,YieldStrength after ageing	Steel bars for concrete reinforcement	ISO 6892-1:2109
Mechanical	Elongation (after fracture, total Eat max force)	Steel bars for concrete reinforcement	ISO 15630-1:2019
Physical	Markings	Steel bars for concrete reinforcement	ISO 6935:2019
Chemical	Test for drugs and psychotropic substances	Drugs and psychotropic substances	SAMHSA Guidelines for Drugs of Abuse Testing