

شهادة اعتماد

رقم TL 016



يقر نظام الاعتماد العراقي بأن:

مختبر اربيل الانشائي

وزارة الاعمار والاسكان – حكومة اقليم كردستان

العراق – اقليم كردستان – اربيل- شارع عين كاوة

تم اعتماده 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 لا يتجزء منها
يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني

<http://www.iraqaccreditation.net>

يكون الاعتماد نافذا من ٢٠٢٠/٠٢/٠٩ الى ٢٠٢٢/٠٢/٠٨

تاريخ منح الاعتماد لأول مرة

٢٠١٧/١٠/٢٩

د. نوري صباح الدليمي
وزير التخطيط

عبد الواحد محمد ابراهيم
معاون مدير عام الهيئة العراقية للاعتماد

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No.TL 016



Iraqi Accreditation System Certify that:

Erbil Construction Laboratory
Ministry of Housing and Reconstruction
Kurdistan Regional Government

Iraq -Kurdistan Region – Erbil - Ainkawa Road

Is accredited according to the requirements of the standard ISO/IEC17025:2017
(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

<http://www.iraqaccreditation.net>

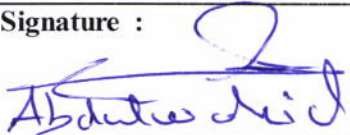
Accreditation is valid From 09/02/2020 To 08/02/2022

Initial accreditation date

29/10/2017

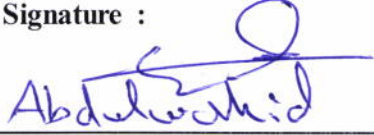
Abdulwahid M. Ibrahim
Deputy General Manager of
Iraqi Organization for Accreditation

Dr. Noori Sabah AL-Doulimi
Minister of Planning

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq -Kurdistan Region – Erbil - Ainkawa Road	Organization name : Erbil Construction Laboratory Ministry of Housing and Reconstruction Kurdistan Regional Government	Accreditation no.: TL 016
Signature : 	Accreditation is valid From 09/02/2020 To 08/02/2022	Issue no. : 002

- Accreditation granted for the test:

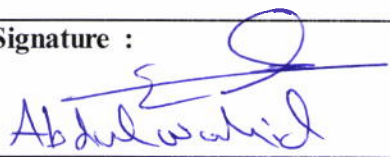
Testing Field	Type of Test	Test Object or Product	Reference to Standardized Method
Physical	Determination of water absorption	Ceramic Tile	ISO 10545-3:2018
	Determination of dimensions and surface quality		ISO 10545-2:2018
	Curing specimen for Strength test	Concrete Cube	BS EN 12390-2:2009
	Determination of Density		BS EN 12390-7:2009
	Determination of Compressive Strength of Cylindrical Concrete Specimens	Concrete Core	ASTM C39M:2017
	Density of Cylindrical Concrete Specimens		ASTM C39M:2017
	Determination of		ASTM C42:2017
	Capping of Cylindrical Concrete Specimens		ASTM C42:2016
	Curing of Cylindrical Concrete Specimen	Bituminous Materials	ASTM D5M:2013
	Determination of Penetration of Bituminous Materials		ASTM D113:2007
	Determination of Ductility		ASTM D 92:2016b
	Determination of Flash and Fire Points by Cleveland Open Cup Tester		ASTM D 2872:2012e1
	Effect of Heat and Air on a Moving Film of Asphalt (Rolling Thin-Film Oven Test)		

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	Elastic Recovery of Bituminous Materials by Ductilometer		ASTM D6084M:2013
	Determination of Asphalt Content of Hot-Mix Asphalt by Ignition Method	Asphalt Concrete	ASTM D6307:2016
	Mechanical size analysis of extracted aggregate		ASTM D5444:2015
	Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	Sub base & Base Course	ASTM D 2216: (2019)
	Laboratory Determination of Density (Unit Weight) of Soil Specimens	Soils	ASTM D7263 - 09(2018)e2
	Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass		ASTM D 2216:2019
	Determination of relative density (specific gravity) and the absorption of fine aggregates.	Aggregates	ASTM C128-15
	Determination of Consistency	Gypsum	Iraqi guide 1042:2011
	Determination of Fineness		
	Determination of Hardness		
	Determination of Consistency	cement	Iraqi guide 198:1990
	Determination of Setting Time		
	Determination of Fineness (Blain Method)		

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	Sieve Analysis of Fine and Coarse Aggregates	Aggregates	ASTM C136-14
	Determination of Bulk Density ("Unit Weight") and Voids in Aggregate		ASTM C29M-16(2017a)
	determination of Relative Density (Specific Gravity) and Absorption of Coarse Aggregate		ASTM C127-15
	Determination of Relative Density (Specific Gravity) and Absorption of Fine Aggregate		ASTM C128-15
Chemical	Soundness of aggregates by use of sodium sulfate or magnesium sulfate		ASTM C88:2013
	Alkali Resistance	Acrylic Paint	IQS 1709-17 ISO 2812-1:2007
		Pentalite Paint	IQS 985-94 ISO 2812-1:2007
	Water Resistance	Road Marking Paint	IQS 1101-17
		Alkyd Paint	IQS 960-17
Mechanical	Determination of Compressive Strength	Concrete Cube	BS EN 12390-3:2009
	Obtaining of Cylindrical Concrete Specimens		ASTM C42:2016
	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact	Sub base & Base Course	ASTM C535:2016

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	in the Los Angeles Machine		
	Determination of modulus of rupture and breaking strength	Ceramic tiles	ISO 10545- 4: (2019
	Determination of the unconfined compressive strength of cohesive soil	Soil	ASTM D2166-16
	Laboratory Compaction Characteristics of Soil Using Modified Effort (2,700 kN-m/m3))		ASTM D1557:2012e1
	Determination of CBR (California Bearing Ratio) of Laboratory-Compacted Soils		ASTM D1883:2016
	Determination of Flexural Strength	Gypsum	Iraqi guide 1042:2011
	Determination of Compressive Strength		
	Determination of Compressive Strength	Cement	Iraqi guide 198:1990
	determination of ultimate strength	Reinforced steel bar	ASTM A370:2019 ASTM A615:2018
	Determination of yield strength		
	Determination of elongation		
	Determination of mass per meter		
	Bending test		