

شهادة اعتماد

رقم 080 TL



يقر نظام الاعتماد العراقي بأن:
مختبرات مكتب الخدمات العلمية والاستشارية
كلية الهندسة/ جامعة القادسية
العراق - الديوانية

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 البلاستيكية

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 ٢٠٢٤/٦/٢٦ الى ٢٠٢٦/٦/٢٥

تاريخ منح الاعتماد لأول مرة
٢٠٢٢/٦/٢٦

نسخة

أ.د. محمد علي تميم
نائب رئيس مجلس الوزراء
وزير التخطيط

بمكتب

د. محمد لطيف أحمد
مدير عام الهيئة العراقية للاعتماد

ACCREDITATION CERTIFICATE

No. TL 080



Iraqi Accreditation System Certify that:
Scientific Engineering Consulting Bureau Laboratories
Engineering College /Al-Qadisiyah University
Iraq –Diwaniyah

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
- Polymer 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>

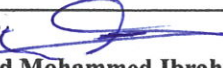
Accreditation is valid From 26/6/2024 To 25/6/2026
Initial accreditation date
26/6/2022

Dr. Mohammed Lateef Ahmed
General Manager 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 –Diwaniyah	Organization name : Scientific Engineering Consulting Bureau Laboratories Engineering College /Al-Qadisiyah University	Accreditation no.: TL 080
Signature:  Abdul Wahid Mohammed Ibrahim Deputy General Manager	Accreditation is valid: From 26/6/2024 To 25/6/2026	Issue no. : 002

Testing field	Type of test	Test object product	Reference to standardized method
Mechanical	Determination of Elongation	Steel Reinforcing bars	ASTM A370 ASTM/A615
Mechanical	Determination of Tensile strength	Steel Reinforcing bars	ASTM A370 ASTM/A615
Mechanical	Determination of Yield strength	Steel Reinforcing bars	ASTM A370 ASTM/A615
Mechanical	Determination of Bending	Steel Reinforcing bars	ASTM A370 ASTM/A615
Mechanical	Determination of Requirements	Steel Reinforcing bars	ASTM A370 ASTM/A615
Physical	Determination of Weight	Steel Reinforcing bars	ASTM A370
Physical	Determination of Dimension	Steel Reinforcing bars	ASTM A370
Mechanical	Determination of Tensile strength	B.R.C	ASTM A496/2002 ASTMA 497/2002 ISO6935 PART3/2000
Mechanical	Determination of Bending	B.R.C	ASTM A496/2002 ASTMA 497/2002 ISO6935 PART3/2000
Physical	Determination of Dimension	B.R.C	ASTM A496/2002 ASTMA 497/2002 ISO6935 PART3/2000
Mechanical	Determination of Compressive Strength	Clay buildings brick	Iraqi Standard No 24:1988 Iraqi Standard No 25:1988
Physical	Determination of leveling of surface	Clay buildings brick	Iraqi Standard No 24:1988 Iraqi Standard No 25:1988
Physical	Determination of dimensions	Clay buildings brick	Iraqi Standard No 24:1988 Iraqi Standard No 25:1988
Physical	Determination of efflorescence	Clay buildings brick	Iraqi Standard No 24:1988 Iraqi Standard No 25:1988
Physical	Determination of water absorption	Clay buildings brick	Iraqi Standard No 24:1988 Iraqi Standard No 25:1988

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Mechanical	Determination of Compressive Strength	Concrete cube	Iraqi Guide no.348: 2017 Iraqi Building code no 1/ 1987 General Specification for Roads and Bridges chapter 8:1999
Physical	Determination of Density	Concrete cube	Iraqi Guide no.274: 1992 Iraqi Building code no 1/ 1987 General Specification for Roads and Bridges chapter 8:1999
Mechanical	Determination of Compressive Strength	Cement	Iraqi Guide198: 1990 Iraqi Standard No.5:2019
Physical	Determination of Setting time	Cement	Iraqi Guide198: 1990 Iraqi Standard No.5:2019
Chemical	Determination of SiO ₂ content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Chemical	Determination of CaO content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Chemical	Determination of MgO content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Chemical	Determination of Fe ₂ O ₃ content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Chemical	Determination of Al ₂ O ₃ content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Chemical	Determination of Loss of Ignition	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Chemical	Determination of Insoluble Residue content	Cement	Iraqi Guide no472: 1990 Iraqi Standard No.5:2019
Mechanical	Determination of Breaking Strength	Concrete Pipes	Iraqi Standard and No.1432:2019 The amendment no 1:2013 Iraqi Standard No1433:1989
Physical	Determination of Dimension	Concrete Pipes	Iraqi Standard and

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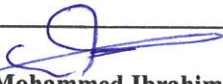
			No.1432:2019 The amendment no 1:2013 Iraqi Standard No.1433:1989
Chemical	Determination of SO ₃ content	Concrete Pipes	Iraqi Guide no448: 1990 Iraqi Standard No.45:1984
Mechanical	CBR	Subbase	AASHTO T193 General Specifications for Roads and Bridges R6
Physical	Determination of Grading(sieve analysis)	Subbase	AASHTO T27 General Specifications for Roads and Bridges R6
Physical	Determination of Density	Subbase	AASHTO T180 General Specifications for Roads and Bridges R6
Chemical	Determination of SO ₃ content The percentage of organic matter, dissolved salts and gypsum	Subbase	BS1377-3-1990 General Specifications for Roads and Bridges R6
Physical	Compaction(Proctor)Test	Soil	(SORB/R5&SORB/R6) (AASHTO T180-74)
Physical	Liquid Limit	Soil	AASHTO T89 General Specifications for Roads and Bridges R5
Physical	Plastic Limit	Soil	General Specifications for Roads and Bridges R6/R5 AASHTO T90
Physical	California Bearing (Ratio(CBR)	Soil	General Specifications for Roads and Bridges R5 AASHTO T193
Chemical	Determination of CaSO ₄ .2H ₂ Ocontent	Soil	General Specifications for Roads and Bridges R6/R5 AASHTO T180
Chemical	Determination of TTS content	Soil	General Specifications for Roads and Bridges R6 AASHTO T180

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Chemical	Determination of SO ₃ content	Soil	General Specifications for Roads and Bridges R5 Iraqi Guide no9: 1990
Physical	Unconfined compressive strength of soil	Soil	ASTM D2166
Physical	Consolidation test	Soil	ASTM D2435
Mechanical	Determination of Breaking Strength	Terrazzo Tiles and Ordinary Tiles	Iraqi Guide no31: 1989 Iraqi Standard No.1042:1948 Iraqi Standard No.1043:1948
Physical	Determination of Dimension	Terrazzo Tiles and Ordinary Tiles	Iraqi Guide no31: 1989 Iraqi Standard No.1042:1948 Iraqi Standard No.1043:1948
Physical	Determination of water absorption	Terrazzo Tiles and Ordinary Tiles	Iraqi Guide no31: 1989 Iraqi Standard No.1042:1948 Iraqi Standard No.1043:1948
Chemical	Determination of SO ₃ content	Terrazzo Tiles and Ordinary Tiles	Iraqi Guide 448: 1994 Iraqi Standard No.45:1984
Mechanical	Marshal	Asphalt	General Specifications for Roads and Bridges R9 AASHTO T209 AASHTO T245
Physical	Determination of Grading(sieve analysis)	Asphalt	General Specifications for Roads and Bridges R9 AASHTO T30
Physical	Determination of Density	Asphalt	General Specifications for Roads and Bridges R9 AASHTO T166
Physical	Determination of Dimension	Precast Concrete Flags	Iraqi Standard No1107:1987
Physical	Determination of water absorption	Precast Concrete Flags	Iraqi Standard No1107:1987
Chemical	Determination of SO ₃ content	Precast Concrete Flags	Iraqi Guide no .448: 1994
Physical	Determination of Grading(sieve analysis)	(Coarse aggregate gravel)	Iraqi Standard No30:1984 Iraqi Standard No45:1984
Chemical	Determination of SO ₃ content	((Coarse aggregate gravel	Iraqi Standard No500:1994 Iraqi Standard No45:1984

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Physical	Determination of (Grading)(sieve analysis	Fine aggregate (sand)	Iraqi Standard No30:1984
Chemical	Determination of SO3content	Fine aggregate (sand)	Iraqi Standard No45:2021
Mechanical	Determination of stiffness	PVC pipes	Iraqi Standard No500:1994
Mechanical	Burst Pressure	PVC pipes	Iraqi Standard No45:2021
Physical	Determination of Dimension	PVC pipes	ASTM D3034-15,DIN8061,DIN8062
Physical	Pipe Flattening	PVC pipes	ASTM D3034-15,DIN8061,DIN8062
Physical	Determination of Breaking Strength	Ceramic	ASTM D3034-15,DIN8061,DIN8062
Physical	Determination of Dimension	Ceramic	Iraqi Guide no256: 1991
Chemical	Determination of water absorption	Ceramic	ISO 10545& ISO 13006
Physical	Flash degree	Bituminous	Iraqi Guide no256: 1991
Physical	Ductility	Bituminous	ISO 10545& ISO 13006
Chemical	Absolute viscosity	Bituminous	General Specifications for Roads and Bridges R9
Physical	Penetration	Bituminous	AASHTO T48
Physical	Extraction	Bituminous	Iraqi Standard No1196:1988

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			Roads and Bridges R9 AASHTO T49 Iraqi Standard No1196:1988
Sampling	Sampling	Steel Reinforcing bars	ASTM A615/A ,615M-2013 B.S 4449/2005+A2 2009
Sampling	Sampling	B.R.C	B.S 4483/2005 ASTM A 185-2006 ASTM A 82/A82M-2005
Sampling	Sampling	Clay buildings brick	Iraqi Standard No.548:1998 The amendment no 1:2013
Sampling	Sampling	Concrete cube	Iraqi Building code no.1
Sampling	Sampling	Cement	Iraqi Standard No.5:1984 The amendment no. 1 The amendment no 2
Sampling	Sampling	Subbase	General Specifications for Roads and Bridges R5 and The amendment 1999,2003
Sampling	Sampling	Soil	General Specifications for Roads and Bridges R5 and The amendment 1999,2003
Sampling	Sampling	Terrazzo Tiles and Ordinary Tiles	Iraqi Standard No.1043:1984 The amendment no 1:1984 The amendment no 2:1988 The amendment no 3:1989 Iraqi Standard No.1042:1984 The amendment no 1,2:1988 The amendment no 3:2013
Sampling	Sampling	Asphalt	Iraqi Standard No.685:2001
Sampling	Sampling	Precast Concrete Flags	Iraqi Standard No1107:1987 The amendment no 1:2002
Sampling	Sampling	(Coarse aggregate gravel)	Iraqi Standard No.29:1980
Sampling	Sampling	(Fine aggregate (sand	Iraqi Standard No.29:1980
Sampling	Sampling	Ceramic	B.S EN ISO 10545-1:1997
Sampling	Sampling	Bituminous	Iraqi Standard No.685:2001
Sampling	Sampling	PVC pipes	Iraqi Standard No1491:1989