وزارة التخطيط
الهيأة العراقية للاعتماد
IQAS

شـــهـادة اعتـــمـاد

رقم TL 080

نظام الاعتماد العراقي
IRAQI ACCREDITATION SYSTEM
IQAS

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
- قطاع اختبارات الأجهزة 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 ٢٠٢٦/٩/١٥ الى ٢٠٢٨/٩/١٤
تاريخ منح الاعتماد لاول مرة
٢٠٢٢/٦/٢٦

محمد ايدن عمر
مدير عام الهيأة/ وكالة

فالح ساري
وزير المالية
وزير التخطيط/ وكالة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 080

Iraqi Accreditation System Certify that:

Scientific Engineering Consulting Bureau Laboratories
Engineering Collage / 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
- 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://iqas.mop.gov.iq

Accreditation is valid From 15/9/2026 To 14/9/2028
Initial accreditation date
26/6/2022

Mohammed Ayden Omar
Director General of IQAS

Falih Sari
Minister of Finance
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 Collage / Al-Qadisiyah University**	**Accreditation no.:** **TL 080**
Signature: **Abdul Wahid M. Ibrahim** **Deputy General Manager**	**Accreditation is valid:** **From 15/9/2026 To 14/9/2028**	**Issue no.:** **003**

Testing field	Type of test	Test object product	Reference to standardized method
Mechanical	Determination of Elongation	Steel Reinforcing bars	ASTM A370:2024 ASTM/A615-09b
Mechanical	Determination of Tensile strength	Steel Reinforcing bars	ASTM A370:2024 ASTM/A615-09b
Mechanical	Determination of Yield strength	Steel Reinforcing bars	ASTM A370:2024 ASTM/A615-09b
Mechanical	Determination of Bending	Steel Reinforcing bars	ASTM A370:2024 ASTM/A615-09b
Mechanical	Determination of Requirements	Steel Reinforcing bars	ASTM A370:2024 ASTM/A615-09b
Physical	Determination of Weight	Steel Reinforcing bars	ASTM A370:2024
Physical	Determination of Dimension	Steel Reinforcing bars	ASTM A370:2024
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

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			Iraqi Standard No 25:1988
Physical	**Determination of water absorption**	**Clay buildings brick**	**Iraqi Standard No 24:1988** **Iraqi Standard No 25:1988**
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_2O_3 content**	**Cement**	**Iraqi Guide no472: 1990** **Iraqi Standard No.5:2019**
Chemical	**Determination of Al_2O_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**	**Concrete Pipes**	**Iraqi Standard No.1432:2019**

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	Strength		**The amendment no 1:2013** **Iraqi Standard No1433:1989**
Physical	**Determination of Dimension**	**Concrete Pipes**	**Iraqi Standard No.1432:2019** **The amendment no 1:2013** **Iraqi Standard No.1433:1989**
Chemical	**Determination of SO3content**	**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 SO3content** **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**

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Chemical	**Determination of $CaSO_4.2H_2O$ content**	**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**
Chemical	**Determination of SO3content**	**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 SO3content**	**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**

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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 SO3content**	**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 SO3content**	**Coarse aggregate gravel**	**Iraqi Standard No500:1994** **Iraqi Standard No45:1984**
Physical	**Determination of Grading (sieve analysis)**	**Fine aggregate (sand)**	**Iraqi Standard No30:1984** **Iraqi Standard No45:2021**
Chemical	**Determination of SO3content**	**Fine aggregate (sand)**	**Iraqi Standard No500:1994** **Iraqi Standard No45:2021**
Mechanical	**Determination of stiffness**	**PVC pipes**	**ASTM D3034-15,** **DIN8061,** **DIN8062**
Mechanical	**Burst Pressure**	**PVC pipes**	**ASTM D3034-15,** **DIN8061,** **DIN8062**
Physical	**Determination of Dimension**	**PVC pipes**	**ASTM D3034-15,** **DIN8061,** **DIN8062**
Physical	**Pipe Flattening**	**PVC pipes**	**ASTM D303415,** **DIN8061,** **DIN8062**
Physical	**Determination of Breaking**	**Ceramic**	**Iraqi Guide no256: 1991**

	Strength		**ISO 10545& ISO 13006**
Physical	**Determination of Dimension**	**Ceramic**	**Iraqi Guide no256: 1991** **ISO 10545& ISO 13006**
Chemical	**Determination of water absorption**	**Ceramic**	**Iraqi Guide no256: 1991** **ISO 10545& ISO 13006**
Physical	**Flash degree**	**Bituminous**	**General Specifications for Roads and Bridges R9** **AASHTO T48** **Iraqi Standard No1196:1988**
Physical	**Ductility**	**Bituminous**	**General Specifications for Roads and Bridges R9** **AASHTO T51** **Iraqi Standard No1196:1988**
Chemical	**Absolute viscosity**	**Bituminous**	**General Specifications for Roads and Bridges R9** **AASHTO T202** **Iraqi Standard No1196:1988**
Physical	**Penetration**	**Bituminous**	**General Specifications for Roads and Bridges R9** **AASHTO T49** **Iraqi Standard No1196:1988**
Physical	**Extraction**	**Bituminous**	**General Specifications for Roads and Bridges R9** **AASHTO T49** **Iraqi Standard No1196:1988**
Mechanical	**Determination of Compressive Strength**	**Concrete core**	**ASTM C42/03**
Physical	**Determination of water absorption**		
Mechanical	**Determination of breaking Strength**	**Block clay & concrete**	**I.Q.S no. 1077/1989** **Iraqi Guide no. 32:1989**

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Physical	**Determination of water absorption and dimensions and efflorescence**		
Mechanical	**Determination of Compressive Strength**	**Solid concrete interlocking paving units**	**I.Q.S no. 1606/2017** **ASTM C140**
Physical	**Determination of water absorption**		
Mechanical	**Determination of Compressive Strength and breaking Strength**	**Gypsum**	**I.Q.S no. 28/1988**
Physical	**Determination of setting time**		
	Determination of fineness		
Electrical	**Conductors of insulated cables**	**Cables and cords**	**IEC 60228**
	Specification of voltage regulation distribution transformers (VRDT)	**Power transformers**	**IEC 60076-24:2020**
	Generic Specification general definitions and requirements	**Coaxial communication cables**	**IEC 61196-1:2005**
	Polyvinyl chloride insulated cables for rated voltage up to and including	**Cables**	**IEC 60227-1:2007**
Mechanical	**Determination of Elongation**	**Expansion Joints pads rubber plain and steel laminated**	**ASTMD 4014** **B.S 903**
	Determination of Tensile strength		
	Determination of Yield strength		
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/ 1987**
Sampling	**Sampling**	**Cement**	**Iraqi Standard No.5:1984** **The amendment no 1and**

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			The amendment no 2:2010
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 and The amendment no 2:1988 and The amendment no 3:1989 and Iraqi Standard No.1042:1984 The amendment no 1,2:1988 and 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**