

شهادة اعتماد

رقم TL 261



يقر نظام الاعتماد العراقي بأن:

**مختبر مكتب الخدمات العلمية والاستشارية / كلية الهندسة /
جامعة ديالى**

العراق – ديالى – بعقوبة – تقاطع القدس - كلية الهندسة

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
- اختبارات الأجهزة والمعدات الكهربائية والإلكترونية

شرط التوافق مع متطلبات المواصفة اعلاه ومتطلبات IQAS الخاصة بالاعتماد
مجال الاعتماد المرفق بالشهادة يعتبر جزءا لا يتجزأ منها
يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني

<https://iqas.mop.gov.iq>

يكون الاعتماد نافذا من 2025/10/26 الى 2027/10/25

تاريخ منح الاعتماد لأول مرة

2025/10/26

سقطت

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

محمد أيمن عمر
مدير عام الهيئة/ وكالة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 261



Iraqi Accreditation System Certify that:

**Laboratory of Scientific and Consulting Services Bureau /
College of Engineering / University of Diyala**
Iraq - Diyala - Baqubah - Al-Quds Intersection - College of Engineering

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

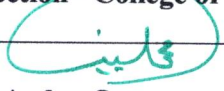
<https://iqas.mop.gov.iq>

Accreditation is valid from 26/10/2025 To 25/10/2027

Initial accreditation date
26/10/2025

Mohammed Ayden Omar
Director General of IQAS

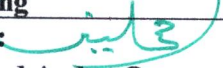
Dr. Mohammed Ali Tamim
Deputy Prime Minister
Minister of Planning

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq - Diyala - Baqubah - Al-Quds Intersection - College of Engineering	Organization name: Scientific and Consulting Services Bureau / College of Engineering / University of Diyala	Accreditation no.: TL 261
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 26/10/2025 To 25/10/2027	Issue no.: 001

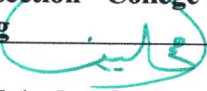
Testing field	Type of test	Test object or product	Reference to standardized method
Mechanical	Determination of compressive strength	Concrete cube	IQS no.348:2017 BS EN12390-3:2009
Physical	Determination of density	Concrete cube	IQS:274 BSEN12390-7:2009
Mechanical	Determination of tensile strength	Reinforcing steel bar	BS 4449:2009 ISO 6935 Part (1):2007 ISO 6935 Part (2):2019 ASTM A615 ASTM A370
Mechanical	Determination of yield strength	Reinforcing steel bar	BS 4449:2009 ISO 6935 Part (1):2007 ISO 6935 Part (2):2019 ASTM A615 ASTM A370
Mechanical	Determination of elongation	Reinforcing steel bar	BS 4449:2009 ISO 6935 Part (1):2007 ISO 6935 Part (2):2019 ASTM A615 ASTM A370
Physical	Temperature, dichloromethane, longitudinal reversion, Dimensions, appearance	Plastics piping systems for non-pressure underground drainage and sewerage unplasticized poly (vinyl chloride) (PVC-U)	IQS 5160-1/2022 ISO 5160-2/2022
Mechanical & Physical	Maximum laboratory density - field density- liquid limit (L.L) % - Plastic limit (P.L) % CBR -Sieve analysis	Subbase	General specifications of roads and bridges 2003 R6 AASHTO(P180) AASHTO(T191) AASHTO (T238) AASHTO (T205) AASHTO(T89) AASHTO (T90) ASTM D1883 AASHTO (T27)

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			IQS no (9/A) 1989 IQS no 1693, 1991 IQS no 9/B, 1989
Chemical	Sulfur salts – Organic materials –Gypsum	Subbase	AASHTO (T193)
Mechanical & Physical	Maximum laboratory density - field density- liquid limit (L.L) % - Plastic limit (P.L) % CBR	Earthworks	General specifications of roads and bridges 2003 R5 AASHTO(P180) AASHTO(T205) AASHTO(T191) AASHTO(T89) AASHTO (T90) AASHTO (T193) IQS no 9/G, 1989 IQS no (9/A) 1989 IQS no (9/A) 1989 IQS no (854) 1989
Chemical	Sulfur salts – Organic materials – Gypsum	Earthworks	IQS no (895) 2003
Mechanical & Physical	Dimensions –fraction standards --water absorption	Marble	IQS no 1387, 1989 1st modification 2018 IQS no (65) 1989 IQS no (65/1) 2017 IQS no (965/3) 2016 IQS no (65/4) 2017 IQS no (65/2) 2017
Physical & Mechanical	Maximum lab. Density – field density – water content – plasticity index – gradation – California bearing ratio	Subbase	General specifications of roads and bridges 2003 R6 AASHTO(P180) AASHTO(T191) AASHTO (T238) AASHTO (T205) AASHTO(T89) AASHTO (T90) ASTM D1883 AASHTO (T27)

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			IQS no (9/A) 1989 IQS no 1693, 1991 IQS no 9/B, 1989
Physical Mechanical	Dimensions – appearance – water absorption – fracture	Acid-prof Ceramic	IQS no 1627
Electrical	Cable test	Cable	IEC-60502-1
Physical Mechanical Chemical	Appearance – dimensions- annealing temperature – alteration due to heat treatment – dichloromethane resistance – internal pressure resistance – impact – toxicity	Plastic piping system – polyvinyl chloride pipes (PVC-U) for water and sewage systems buried and over ground under pressure with accessories	IQS no 5160-1 and 5075-2 2019
Physical Mechanical Chemical	Dimensions – appearance – pressure – longitudinal rebound – elongation - oxidation	Polyethylene pipes PE	Technical specification 81-2021 1 st modification ISO 4427-2:2019
Physical & Mechanical	Tensile force -yield force - elongation - dimensions	Steel sections	ASTM A36/A36M-19 BS EN 10034:1993
Physical & Mechanical	Dimensions – appearance – pressure – longitudinal rebound – elongation - oxidation	Polyethylene tubes for water supply	ISO 4427-2:2019
Physical & Mechanical	Fineness – Compressive strength – setting time water-	Gypsum	Iraqi specification, no 28 2010 IQS, no 273 2012
Physical & Mechanical	Dimensions –water absorption -fracture strength	Precast concrete flags	Iraqi specification, no 1107
Physical & Mechanical	Dimensions –compressive strength –water absorption – efflorescence	Bricks	IQS 25 /1988
Physical & Mechanical	Dimensions –Appearance — compressive strength –water absorption – abrasion resistance	Concrete pavement bricks	IQS no 1606 2017 2 ^{ng} modification
Physical & Mechanical	Dimensions – Appearance - binding resistance	Pre-cast concrete Krebs and channels	Iraqi specification, no 5164 /2022

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	– water absorption		
Physical & Chemical	Sieve analysis –sulfur salts - clay	Gravel and sand	Iraqi specification, no 45 /1980
Physical & Mechanical	- Specific gravity (Gs)- liquid limit (L.L) % - Plastic limit (P.L) % - Plasticity index (P.I) - Sand(4.75mm-0.074mm) Silt(0.074mm-0.005) Clay (< 0.005mm) – Soil Classification – Maximum dry density – Wopat% - Natural moisture contents Inspection of collected specimens form the SPT	Soil investigations	ASTM – D854-2010 ASTM – D4318-2010 ASTM – D422-2010 ASTM – D2487-2010 ASTM – D698-2010 ASTM – D2216 BS-590:1999+A2:2010 ASTM – D2488-09a)
Physical & Mechanical	Finess– setting time – compressive strength – soundness-	Cement	IQS no 5 /2019 IQS:472 IQS:198
Physical & Mechanical	Dimensions – Appearance – fracture strength –Facial absorption –Total water absorption	Terrazzo tiles	Iraqi specification, no 1042 /1984 IQS:31/1989
Physical & Mechanical	Dimensions – Appearance – fracture strength – abrasion resistance - water absorption	Ceramic floor and wall tiles	General technical requirements for imported construction materials no.8 ISO 13006/2012 Iraqi specification, no 1704 /1993 specification KS L 1001:2018
Physical & Mechanical	Total density -absorption - abrasion resistance - compressive strength	Natural stone	Iraqi specification, no 1387 /2018 1st modification IQS:65/1 IQS:65/2 IQS:65/3 IQS:65/4