

شهادة اعتماد

رقم TL 298



يقر نظام الاعتماد العراقي بأن:
**مختبر شركة اشور للتصاميم والفحص الهندسي
والاشراف الهندسي محدودة المسؤولية**
العراق - بابل - الحلة - شارع الحسينية

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
- اختبارات المواد المطاطية

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

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

يكون الاعتماد نافذا من ٢٠٢٦/٦/٢٩ الى ٢٠٢٨/٦/٢٨
تاريخ منح الاعتماد لأول مرة
٢٠٢٦/٦/٢٩

فالح ساري
وزير المالية
وزير التخطيط/ وكالة

محمد آيتن عمر
مدير عام الهيئة/ وكالة

ACCREDITATION CERTIFICATE

No. TL 298



Iraqi Accreditation System Certify that:

Laboratory of Ashur Company for designs, Engineering Analysis and Engineering Supervision Limited Liability

Iraq – Babylon – Al Hillah – Al Husayniyah Street

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
- Rubber 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

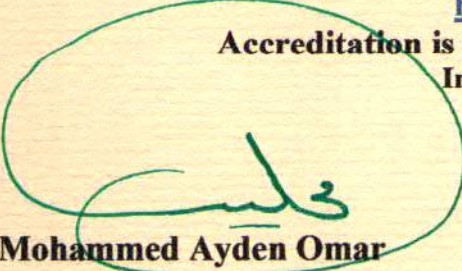
The most recent issue of the accreditation scope is available on IQAS website

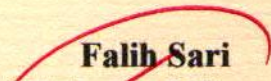
<https://iqas.mop.gov.iq>

Accreditation is valid From 29/6/2026 To 28/6/2028

Initial accreditation date

29/6/2026


Mohammed Ayden Omar
Director General of IQAS

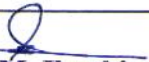

Falih Sari
Minister of Finance
Minister of Planning

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq – Babylon – Al Hillah – Al Husayniyah Street	Organization name: Laboratory of Ashur Company for designs, Engineering Analysis and Engineering Supervision Limited Liability	Accreditation no.: TL 298
Signature: Abdul Wahid M. Ibrahim Deputy General Manager	Accreditation is valid: From 29/6/2026 To 28/6/2028	Issue no.: 001

Testing field	Type of test	Test object or product	Reference to standardized method
Mechanical	Determination of compressive strength	Concrete cube	Iraqi guide no. 348: 2017
Physical	Determination of density	Concrete cube	Iraqi guide no. 274: 1992
Physical	Sieve analysis	Fine aggregate	ASTM C136-19
Physical	Sieve analysis	Coarse aggregate	ASTM C117-17
Physical	Density and unit weight of soil in place by sand-cone method	Sub Base	ASTM D1556-15e1
Physical	Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates	Sub Base	ASTM D1246 ASTM C 33 ASTM C136
Physical	Determination of laboratory compaction characteristics using modified effort (2,700 KN –m/m ³)	Soil	ASTM D1557-12e1
Physical	Soil investigation Determining subsurface liquid levels in a borehole or monitoring well (observation well)	Soil	BS5930:1999+L2:2010 ASTM C33 ASTM C117 ASTM D1557 ASTM D1556 ASTM D1587 ASTM DI452 ASTM D2217 ASTM D2216 ASTM D4750
	Soil investigation Wet preparation of soil samples for particle-size analysis and determination of soil		
	Soil investigation Laboratory determination of water (moisture) content of soil and rock by mass		
	Soil investigation Thin-walled tube sampling of soils for geotechnical purposes		
	Soil investigation Soil exploration and sampling by auger borings		
	Soil investigation density on site		
	Soil investigation max. dry density		
	Soil investigation sieve analysis		
Physical	Density in place by the drive-cylinder method	Soil	ASTM D2937-17e1
Physical	Determination of laboratory compaction characteristics of soil using standard Effort	Soil	ASTM D698 - 07

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	(600 KN –m/m ³)		
Physical	Determination of water (Moisture) content of soil by Microwave oven heating.	Soil	ASTM D4643 - 08
Physical	Determination of In- place Density and water content of soil and soil-Aggregate by Nuclear Methods.	Soil	ASTM D6938 - 23
Physical	Determination of Absorption	Clay Brick	IQS :24 IQS :25
Physical	Determination of Dimension	Clay Brick	IQS :24 IQS :25
Mechanical	Determination of compressive strength	Clay Brick	IQS :24 IQS :25
Mechanical	Determination of Modulus of Rupture	Concrete tile	IQS: 1107:1987
Physical	Determination setting time (initial & final)	Cement	Iraqi guide: 198:1990
Mechanical	Determination of Compressive strength	Cement	Iraqi guide: 198:1990
Physical	Determination of Consistency	Cement	Iraqi guide: 198:1990
Chemical	Measurement of Solids Content Determination of pH	Mixing Water in Ready Mixed Concrete	ASTM C1603:2016
Mechanical	Determination of compressive strength	Block	ASTM C140/C140M-15
Mechanical	Stander Test Method for Deep Foundation Elements under static lateral load.	Piles	ASTM- D3966 ASTM-1143-81 ASTM D-4945
Physical	Test of rubber bade Stander specification for plain and steel- laminated elastomeric bearings for bridges	Bridge rubber bade	ASTM D4014 ASTM D412 ASTM D395 ASTM D2240 ASTM D1149
Physical	Determination of Dimensions	Tubular Steel Poles (ST-52)	Ministry of Electricity/Technical SpecificationD22-2019 & DIN-17100
Mechanical	Determination of compressive strength	Inter locking paver block	ISO :1606/2017

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Physical	Sampling compacted bituminous mixtures	bituminous mixtures	ASTM D5361
Physical	Determination of density	Bituminous felt	IQS 4/1988
Physical	Determination of thickness	Plastic pipe	ASTM D2412:2018
Physical	Determination of Diameter	Plastic pipe	ASTM D2412:2018
Physical	Determination of Ductility	Bituminous	ASTM D113:2007
Physical	Determination of Softening	Bituminous	ASTM D36:2014
Physical	Determination of external loading characteristics	Plastic pipe	ASTM D2412:2018
Physical	Determination of Penetration	Bituminous	ASTM D5:2013
Physical	Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (No extruding and Resilient Bituminous Types)	Bituminous	ASTM D1751
Physical	Standard Test Method for Effect of Heat and Air on a moving Film of Asphalt Binder (Rolling Thin -Film Oven Test) (Dynamic Shear Rheometer)	Bituminous	AASHTO TP5 AASHTO T240 ASTM D3872, ASTM D 7175, ASTM D 6521
Physical	Determination of flash points	Bituminous	IQS: 134 / 1987
Physical	Storage stability, separation tendency difference between softening points	Bituminous	ASTM D 7173
Physical	Rotational Viscosity	Bituminous	ASTM D 4402
Physical	Standard Test Method for Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR).	Bituminous	ASTM D6648
Physical	Marshal test for Asphalt	Asphalt	ASTM D6927 ASTM D5581
Physical	Sieve analysis for hot mix asphalt	Asphalt	ASTM D5444:2015
Physical	Bulk specific gravity and density of non-absorptive compacted asphalt mixtures	Asphalt	ASTM D2726:2004
Physical	Determination of Dimensions	Lattice Steel Poles (ST-52)	Ministry of Electricity/Technical Specification

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			D46-2012 & DIN-17100
Examination of Non-destructive	Standard Test Method for Rebound Number of hardened concrete	concrete	ASTM C805
Examination of Non-destructive	Ultrasonic	Steel structure Pipeline structure	ASTM B31.1 V Article 9 API 1104 AWS D1.1
Physical	Determination of Diameter of Conductor	Electrical Cable With Cross Sectional Area (0.5-630) mm ² & Electrical Resistance (0.0238-36) Ω/Km	IEC 60502-1:2004 IEC 60502-2:2005 Ministry of Electricity/Technical Specification: D03:13 & D04:13
	Determination of Cross-Sectional Area		
	Determination of Insulator thickness		
	Determination of Number of Cores		
	Determination of Stranding		
	Determination of Copper Screen area		
	Determination of Sheath Thickness		
	Determination of Filler type		
	Determination of Armour type		
	Determination of Armour Thickness		
	Determination of Color of Outer Sheath		
Electrical	Determination of Electrical Resistance		