وزارة التخطيط
الهيأة العراقية للاعتماد
IQAS

شـــهـادة اعتـــمـاد

رقم TL 091

يقر نظام الاعتماد العراقي بأن:

المختبر الانشائي لوزارة النقل/ معمل العوارض الكونكريتية في السماوة

العراق - المثنى- سماوة - شارع آل عطشان

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 لايتجزء منها
يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني
https://iqas.mop.gov.iq

يكون الاعتماد نافذا من ٢٠٢٤/١٠/٣٠ الى ٢٠٢٦/١٠/٢٩
تاريخ منح الاعتماد لاول مرة
٢٠٢٢/١١/٣

المهندسة
بان ابراهيم نوروز
مدير عام الهيأة

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

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 091

Iraqi Accreditation System Certify that:

Construction Laboratory of the Ministry of Transport \ Concrete Sleepers Factory in Samawa

Iraq - Al-Muthana- Samawa - street of al-atshan

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 30/10/2024 To 29/10/2026
Initial accreditation date
3/11/2022

Eng. Ban Ibrahim Nawrooz
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 - Al-Muthana- Samawa - street of al-atshan	**Organization name :** Construction Laboratory of the Ministry of Transport \ Concrete Sleepers Factory in Samawa	**Accreditation no.:** TL 091
Signature: Eng. Ban Ibrahim Nawrooz General Manager of IQAS	**Accreditation is valid:** From 30/10/2024 To 29/10/2026	**Issue no. :** 002

Testing field	Type of test	Test object or product	Reference to standardized method
Mechanical	Determination of compressive strength	Concrete cube	Iraqi guide no. 348
Physical	Determination of density	Concrete cube	Iraqi guide no. 274
Physical	Compaction testing	Soil	Standard specifications for roads & Bridges # R5
Physical	Compaction testing	Subbase	Standard specifications for roads & Bridges # R6 & it's amendment
Physical	CBR testing	Subbase	Standard specifications for roads & Bridges # R6 & it's amendment
Physical	Gradient testing	Subbase	Standard specifications for roads & Bridges # R6 & it's amendment
Physical	Corrosion mechanical testing	Subbase	Standard specifications for roads & Bridges # R6 & it's amendment
Physical	Max density Optimum moisture	Subbase	Standard specifications for roads & Bridges # R6 & it's amendment
Physical	Liquid limit	Subbase	Standard specifications for roads & Bridges # R6 & it's amendment
Physical	Plastic limit	Subbase	Standard specifications for roads & Bridges # R6 & it's amendment
Physical	Compaction testing	Asphalt	Standard specifications for roads & Bridges # R9 & it's amendment
Physical	Gradient testing	Asphalt	Standard specifications for roads & Bridges # R9 & it's amendment
Physical	Density	Asphalt	Standard specifications for roads & Bridges # R9 & it's amendment
Physical	Crawl and stability testing	Asphalt	Standard specifications for roads & Bridges # R9 & it's amendment
Mechanical	Determination of compressive strength	Clay Building Bricks	IQS 24 IQS 25
Physical	Determination of dimensions	Clay Building Bricks	IQS 24 IQS 25
Physical	Determination of absorption	Clay Building Bricks	IQS 24 IQS 25

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Physical	**Appearance**	**Clay Building Bricks**	**IQS 24** **IQS 25**
Physical	**Determination of efflorescence**	**Clay Building Bricks**	**IQS 24** **IQS 25**
Mechanical	**Determination of Flexural Strength**	**Precast concrete channels**	**BS EN 1340**
Physical	**Determination of dimensions**	**Precast concrete channels**	**BS EN 1340**
Physical	**Determination of absorption**	**Precast concrete channels**	**BS EN 1340**
Mechanical	**Determination of modulus of rupture**	**Curbstone**	**ISO 1106**
Mechanical	**Determination of Dimensions**	**Curbstone**	**ISO 1106**
Mechanical	**Determination of absorption**	**Curbstone**	**ISO 1106**
Mechanical	**Determination of modulus of rupture and breaking strength**	**Pre- cast Concrete tiles**	**IQS 1107**
Mechanical	**Determination of Dimensions**	**Pre- cast Concrete tiles**	**IQS 1107**
Mechanical	**Determination of absorption**	**Pre- cast Concrete tiles**	**IQS 1107**
Mechanical	**Determination of modulus of rupture and breaking strength**	**Ceramic**	**ISO 10545 (from 1 to 15)**
Mechanical	**Determination of Dimensions**	**Ceramic**	**ISO 10545 (from 1 to 15)**
Mechanical	**Determination of absorption**	**Ceramic**	**ISO 10545 (from 1 to 15)**
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 yield strength**	**Steel reinforcing bars**	**ASTM A370** **ASTM A615**
Mechanical	**Hydrostatic internal pressure**	**Pipes PVC**	**ASTM F 2164**
Physical	**Dimensions**	**Pipes PVC**	**ASTM F 2164**