وزارة التخطيط
الهيأة العراقية للاعتماد
IQAS

شـــهـادة اعتـــمـاد

رقم TL 195

يقر نظام الاعتماد العراقي بأن:

مختبر نينوى الإنشائي/ المركز الوطني للمختبرات الانشائية

العراق – نينوى - شارع الفيصلية - مجاور مديرية طرق وجسور نينوى

تم اعتماده وفقا لمتطلبات المواصفة ISO/ IEC 17025:2017
(المتطلبات العامة لاهلية مختبرات الفحص والمعايرة)

في مجال:

- اختبارات المواد الانشائية

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 ٢٠٢٤/١١/١٨ الى ٢٠٢٦/١١/١٧
تاريخ منح الاعتماد لاول مرة
٢٠٢٤/١١/١٨

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

المهندسة
بان ابراهيم نوروز
مدير عام الهيأة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 195

Iraqi Accreditation System Certify that:

Nineveh Construction Laboratory/ National Center for Construction Laboratories

Iraq - Nineveh - Al Faisaliya St. - near Nineveh Roads & bridges directorate

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

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 18/11/2024 To 17/11/2026
Initial accreditation date
18/11/2024

Eng. Ban Ibrahim Nawrooz
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 - Nineveh - Al Faisaliya St. - near Nineveh Roads & bridges directorate**	**Organization name :** **Nineveh Construction Laboratory/ National Center for Construction Laboratories**	**Accreditation no.:** **TL 195**
Signature: **Eng. Ban Ibrahim Nawrooz** **Director General of IQAS**	**Accreditation is valid:** **From 18/11/2024 To 17/11/2026**	**Issue no. :** **001**

Testing field	Type of test	Test object or product	Reference to standardized method
Physical	Determination of sieve analysis	Aggregate using un concrete	ASTM C117-2004
Physical	Determination of material passing Sieve No.200		ASTM C117-2004
Physical	Determination Mechanical abrasion ratio		ASTM C-131-2003
Physical	Determination flat and elongation in aggregate		I.Q.S (30) / 1984
Physical	Determination of clay lamps and friable material		ASTM C142-2004
Physical	Determination of dimensions	Concrete masonry units	- I.Q.S (1077) 1987 - Iraqi Guide 32/1989
Mechanical	Determination of compressive strength		
Physical	Determination of absorption		
Mechanical	Determination of compressive strength	Concrete cubes	IQS NO 1/1987
Physical	Determination of density		
Physical Testing	Determination of dimensions	Clay building bricks	-IQS 25 -IQS 24
Mechanical	Determination of compressive strength		
Physical	Determination of Absorption Determination Bulk Density	Natural building stone	- IQS 1387/2018 - Iraqi Guide No(65/3)/2016
Physical	Determination of absorption	Precast concrete flags	-IIQS No 1107/1988 -Amendment (1)/2002 -Amendment (2)/2016
Physical	Determination of dimensions		
Mechanical	Determination of modulus of rupture		

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Physical	**Determination of Face-Water Absorption**	**Terrazzo tiles**	**- IQS 1042/1984** **- Amendment (1) (2)/1988** **- Amendment (3) (4)/2013** **- Iraqi Guide (31)/1989**
	Determination of Total Absorption		
Physical	**Determination of Dimensions**		
Mechanical	**Determination of Modulus of Rupture**		
Physical	**Determination of Total Absorption**	**Ceramic tiles**	**IQS 1704** **ISO/EN 10545-3,3,4,6,7,8,9,10,11,12**
Mechanical	**Determination of Modulus of Rupture**		
Physical	**Determination of Dimensions**		
Chemical	**Determination of SO_3 Content**	**Aggregate**	**IQS No. 500/3-2018** **IQS No. 45**
Chemical	**Determination of SO_3 Content**	**Hardened concrete**	**IQS No. 448-1994**
Chemical	**Determination of total soluble salts**	**Subbase**	**Earth manual part 2** **USBR 5450-1989**
Chemical	**determination of slats on surface of bricks**	**Clay bricks**	**IQS 25** **IQS 24**
Chemical	**Determination of total soluble salts**	**Soil**	**Earth manual part 2** **USBR 5450-1989**
Physical	**Determination of sieve analysis for coarse and fine aggregate**	**Aggregate using in Asphalt mixture**	**ASTM D75/2013** **AASHTO T2/2006**
	Determination of Fine material passing through No 200 by wash		**ASTM D1140/2000** **AASHTO T11/2009**
Physical	**Determination of Sieve analysis of gravel**	**Subbase**	**AASHTOO T27/2006**
	Determination of clay and silt		**AASTOO T11/2009**

	material passing sieve No200		
	Determination of Plastic limit& Liquid limit		ASTM D431/2005 AASHTO T146/2008 AASHTO T89/2010 AASHTO T90/2008
	Determination of California bearing Ratio		ASTM D1883/2005 AASHTO T193/2010
	Determination of Mechanical abrasion by Los Angles machine		AASHTO T196/2006 ASTM C131-535-03 IQS NO 41/1984
	Determination of Field density by sand cone		ASTM D1566/2000 AASHTO T191/2006
	Determination of Max. laboratory density		AASHTO T180-2015 AASHTO T99-2015
Physical	Determination of moisture-density relations of soils	Fine soil	AASHTO (T180-2015,T99-2015)
	Determination of liquid limit		AASHTO T 89-2013 ASTM D4318
	Determination of plastic limit		AASHTO T 90-2015 ASTM D4318
	Determination of California Bearing Ratio of Compacted of Soils		ASTM D1833-2016 AASHTO T193-2013
	Determination of Density of Soil Place by the Drive-Cylinder method		ASTM D2937-2017
Physical	Determination of Sieve Analysis	Filler	SCRB-R9/2003
	Determination of Plasticity Index		AASHTO T 89-2013 ASTM D4318
Physical	Determination of asphalt ratio by ignition method	Asphaltic Mixture	ASTM D 6307-2005
	Bulk Density Marshall Test &		SCRB-R9/2003

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	Specific Gravity for Asphaltic Mixture		
	Air voids		Based on Principle, Practice and Design of Highway Engineering's Sharma/1985 Chapter 17
	Marshall stability& flow		SCRB /R9-2003
	Sieve analysis of fine &coarse aggregate		SCRB /R9 1999&2003
	Crushed aggregate ratio		SCRB/ R9-2003
Physical	Determination of effect temperature and heating by rolling thin film oven for asphalt cement (Thin-Film Oven Test)	Asphalt cement	ASTM D1754/2002 AASHTO T179/2009
	Determination of penetration		ASTM D5/2006 AASHTO T 49/2007
	Determination of ductility		ASTM D113/2007 AASHTO T51/2009
	Determination of specific gravity of asphaltic cement		ASTM D70/2003 AASHTOO T228/2009
	Determination of solubility in trichloroethylene		ATM D2042/2001 AASHTO T 44/2007
	Determination of flash point		ASTM D92/2005 AASHTO T48/2006
Physical	Determination of specific gravity and absorption of aggregate	Aggregate	ASTM C 127& C128/2004
Physical	Determination of thickness of compacted pavement	Compacted paving mixture specimens	ASTM D3549/2000 &SCRB-R9/2003
	Determination of compaction ratio		