

شهادة اعتماد

رقم 195 TL



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 لا يتجزأ 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 لأول مرة

٢٠٢٤/١١/١٨

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

الهندسة
بان ابراهيم نوروز
مدير عام الهيئة

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>

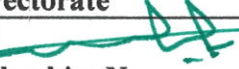
Accreditation is valid From 18/11/2024 To 17/11/2026

Initial accreditation date

18/11/2024


Eng. Ban Ibrahim Nawrooz
Director General of IQAS

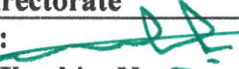

Dr. Mohammed Ali Tamim
Deputy Prime Minister
Minister of Planning

	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 lumps 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	Ceramic tiles	IQS 1704 ISO/EN 10545-3,3,4,6,7,8,9,10,11,12
Physical	Determination of Total Absorption		
Mechanical	Determination of Modulus of Rupture		
Physical	Determination of Dimensions	Aggregate	IQS No. 500/3-2018 IQS No. 45
Chemical	Determination of SO ₃ Content		
Chemical	Determination of SO ₃ Content		
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		AASHTOO T11/2009

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	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 Marshall stability & flow Sieve analysis of fine & coarse aggregate Crushed aggregate ratio		Based on Principle, Practice and Design of Highway Engineering's Sharma/1985 Chapter 17 SCRB /R9-2003 SCRB /R9 1999&2003 SCRB/ R9-2003
Physical	Determination of effect temperature and heating by rolling thin film oven for asphalt cement (Thin-Film Oven Test) Determination of penetration Determination of ductility Determination of specific gravity of asphaltic cement Determination of solubility in trichloroethylene Determination of flash point	Asphalt cement	ASTM D1754/2002 AASHTO T179/2009 ASTM D5/2006 AASHTO T 49/2007 ASTM D113/2007 AASHTO T51/2009 ASTM D70/2003 AASHTO T228/2009 ASTM D2042/2001 AASHTO T 44/2007 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 Determination of compaction ratio	Compacted paving mixture specimens	ASTM D3549/2000 & SCR-B9/2003