

# شهادة اعتماد

رقم TL 002



يقر نظام الاعتماد العراقي بأن:

**مختبرات مكتب الاستشارات الهندسية  
كلية الهندسة/ جامعة بغداد  
العراق- بغداد- الجادرية**

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

في مجال:

- اختبارات المواد الانشائية
- اختبارات المواد المعدنية

شرط التوافق مع متطلبات المواصفة اعلاه ومتطلبات IQAS الخاصة بالاعتماد  
مجال الاعتماد المرفق بالشهادة يعتبر جزءا لا يتجزء منها  
يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني  
<http://www.iraqaccreditation.net>

يكون الاعتماد نافذا من ٢٠٢٠/٠٤/٣٠ الى ٢٠٢٢/٠٤/٢٩  
تاريخ منح الاعتماد لأول مرة  
٢٠١٥/١١/١٧

د. نوري صباح الدليمي  
وزير التخطيط

عبد الواحد محمد ابراهيم  
معاون مدير عام الهيئة العراقية للاعتماد

Ministry of planning  
Iraqi Organization for Accreditation  
IQAS

## ACCREDITATION CERTIFICATE

No.TL 002



Iraqi Accreditation System Certify that:

**Consulting Engineering Bureau Laboratories (CEBL)**  
**Engineering college – Baghdad university**  
Iraq –Baghdad- Aljadyria

Is accredited according to the requirements of the standard ISO/IEC17025:2017  
(General Requirements for the Competence of Testing and Calibration Laboratories)

In the field of:


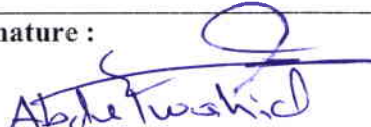
- Construction Materials Testing
- Metallurgical Materials Testing

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  
<http://www.iraqaccreditation.net>

Accreditation is valid From 30/04/2020 To 29/04/2022  
Initial accreditation date  
17/11/2015

Abdulwahid M. Ibrahim  
Deputy General Manager of  
Iraqi Organization for Accreditation

Dr. Noori Sabah AL-Doulimi  
Minister of Planning

	<p style="text-align: center;">استمارة مجال الاعتماد Scope of Accreditation form</p>	<p style="text-align: center;">نظام الاعتماد العراقي IQAS</p>
<p>Organization address: Iraq –Baghdad- Aljadyria</p>	<p>Organization name : Consulting Engineering Bureau Laboratories (CEBL) Engineering college – Baghdad university</p>	<p>Accreditation no.:  TL 002</p>
<p>Signature : </p>	<p>Accreditation is valid From 30/04/2020 To 29/04/2022</p>	<p>Issue no. :  05</p>

Testing Field	Type of Test	Test Object or Product	Reference to Standardized Method	
Mechanical testing	Determination of elongation	Steel reinforcing bars	ASTM A370-19	
	Determination of tensile strength			
	Determination of yield strength			
	Determination of bending			
	Deformation		ASTM/ A615M-20	
	Determination of Compressive strength		Concrete	Iraqi guide no 348:1992
			Clay building bricks	Iraqi standard no 24:1988
			Cement	Iraqi guide no 198:1990
		Paving concrete brick	Iraqi guide no 969:2001	
		Concrete masonry units	Iraqi standard no 32/1989	
physical testing	Determination of Setting time	Cement	Iraqi guide no 198:1990	
	Determination of Grading (sieve analysis)	Coarse aggregate (gravel)	Iraqi standard no 30/1981	
	Determination of finer than 0.075 mm			
	Determination of Grading (sieve analysis)	Fine aggregate (sand)	Iraqi standard no 30/1981	
	Determination of finer than 0.075 mm			
	Determination of general appearance and shape	Clay building bricks	Iraqi standard no 24/1988	
	Determination of leveling of surface			
	Determination of dimensions			
	Determination of water absorption			
	Determination of efflorescence			
	Determination of type and shape	Concrete masonry units	Iraqi standard no 32/1989	
	Determination of dimensions			
Determination of water absorption				

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	Determination of Density	Concrete	Iraqi guide no 274: 1992
	Determination of Dimensions	Paving concrete brick	Iraqi guide no 969: 2001
chemical testing	Determination of SiO <sub>2</sub> content	Cement	Iraqi guide no 472: 1993
	Determination of CaO content		
	Determination of MgO content		
	Determination of Fe <sub>2</sub> O <sub>3</sub> content		
	Determination of Al <sub>2</sub> O <sub>3</sub> content		
	Determination of SO <sub>3</sub> content testing		
	Determination of Loss of Ignition Testing		
	Determination of Insoluble Residue Content Testing	Coarse aggregate (gravel)  Fine aggregate (sand)	Iraqi guide no 500/1994
	Determination of SO <sub>3</sub> content		
physical and Mechanical testing	standard test method for Marshall stability and flow and air void and bulk density	asphalt concrete	ASTM D 1559 ASTM D 6927
	determination of compaction and thickness	asphalt concrete	ASTM D3549