

# شهادة اعتماد

رقم TL 036



يقر نظام الاعتماد العراقي بأن:  
**مختبر المواد الانشائية/ مكتب الاستشارات العلمية والهندسية  
الجامعة التكنولوجية**  
العراق - بغداد - شارع الصناعة

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 ٢٠٢٤/٥/٢ الى ٢٠٢٦/٥/١  
تاريخ منح الاعتماد لأول مرة  
٢٠١٩/٤/١٨

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

د. محمد لطيف أحمد  
مدير عام الهيئة العراقية للاعتماد

## ACCREDITATION CERTIFICATE

No. TL 036



Iraqi Accreditation System Certify that:

**Construction Materials Laboratory**  
**Scientific & Engineering Consultant Bureau**  
**University of Technology**  
Iraq – Baghdad – Al-Senaha Street

Is accredited according to the requirements of the standard ISO/IEC 17025:2017  
(General Requirements for the Competence of Testing and Calibration Laboratories)

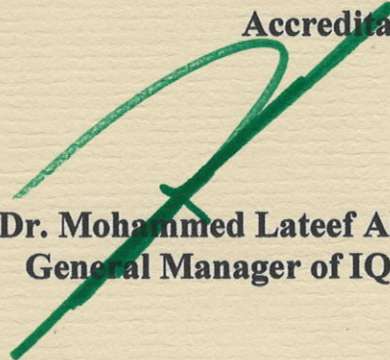
In the field of:  
**- Construction Materials Testing**

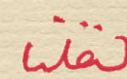
This accreditation is subject to with the above standard & IQAS requirements  
The scope of accreditation is attached to the certificate & considered as part of it

The most recent issue of the accreditation scope is available on IQAS website  
<https://iqas.mop.gov.iq>

Accreditation is valid From 2/5/2024 To 1/5/2026

Initial accreditation date  
18/4/2019

  
Dr. Mohammed Lateef Ahmed  
General Manager of IQAS

  
Dr. Mohammed Ali Tamim  
Deputy Prime Minister  
Minister of Planning

|                                                                                                                                                               |                                                                                                                                              |                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
|                                                                              | <p style="text-align: center;">استمارة<br/>مجال الاعتماد<br/><b>Scope of Accreditation<br/>form</b></p>                                      | <p style="text-align: center;">نظام الاعتماد العراقي<br/><b>IQAS</b></p> |
| <b>Organization address:</b><br>Iraq – Baghdad – Al-Senaha Street                                                                                             | <b>Organization name :</b><br>Construction Materials Laboratory<br>Scientific & Engineering<br>Consultant Bureau<br>University of Technology | <b>Accreditation no.:</b><br>TL 036                                      |
| <b>Signature:</b> <br>Abdul Wahid Mohammed Ibrahim<br>Deputy General Manager | <b>Accreditation is valid:</b><br>From 2/5/2024 To 1/5/2026                                                                                  | <b>Issue no. :</b><br>004                                                |

| Testing field        | Type of test                                                                | Test object or product    | Reference to standardized method                                                                                                                                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mechanical           | Determined of compressive strength                                          | Concrete cube             | Iraqi guide no. 348: 2017                                                                                                                                                                                                                                        |
| Mechanical           | Determination of compressive strength                                       | Clay bricks               | IQS 24<br>IQS 25                                                                                                                                                                                                                                                 |
| Physical             | Determination of water absorption                                           | Clay bricks               | IQS 24<br>IQS 25                                                                                                                                                                                                                                                 |
| Physical             | Determination of dimensions                                                 | Clay bricks               | IQS 24<br>IQS 25                                                                                                                                                                                                                                                 |
| Mechanical           | Flexural strength                                                           | Tiles                     | -IQS (1042) for the year (1984) terrazzo tiles.<br>-Second amendment for the year 1988.<br>-Third amendment for the year 2013.<br>-IQS (1043) for the year 1984 ordinary tiles.<br>-IQS (5038) for the year 2017 terrazzo tiles with one layer for internal use. |
| Physical             | Determination of water absorption                                           | Tiles                     |                                                                                                                                                                                                                                                                  |
| Physical             | Determination of dimensions                                                 | Tiles                     |                                                                                                                                                                                                                                                                  |
| Mechanical           | Flexural strength                                                           | Large tiles               | -IQS (1107) for the year 1988.<br>-First amendment for the year (2002).                                                                                                                                                                                          |
| Physical             | Determination of water absorption                                           | Large tiles               |                                                                                                                                                                                                                                                                  |
| Physical             | Determination of dimensions                                                 | Large tiles               |                                                                                                                                                                                                                                                                  |
| Physical             | Density and unit weight of ( soil & sub base ) in place by sand-cone method | Soil & sub base in place  | ASTM : D1556/D1556M -15                                                                                                                                                                                                                                          |
| Physical             | Determination of density (unit weight) of (soil & sub base) specimens       | Soil & sub base specimens | ASTM : D7263-09                                                                                                                                                                                                                                                  |
| Physical             | Determination of water (moisture) content of (soil & sub base) by mass      | Soil & sub base           | ASTM : D2216-10                                                                                                                                                                                                                                                  |
| Physical& Mechanical | (sieve Determination of grading analysis)                                   | Sand and gravel           | IQS 45                                                                                                                                                                                                                                                           |
| Physical             | Clay testing                                                                | Sand                      | IQS 45                                                                                                                                                                                                                                                           |
| Physical             | Pass sieve 0.075                                                            | Sand and gravel           | IQS 45                                                                                                                                                                                                                                                           |