

# شهادة اعتماد

رقم TL 048



يقر نظام الاعتماد العراقي بأن:

**مختبرات شركة انوار العراقية للاستشارات الهندسية**

**والفحص الهندسي**

العراق - البصرة - دور النفط - حي التحرير

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

في مجال:

- اختبارات المواد الانشائية

- اختبارات المواد المعدنية

شرط التوافق مع متطلبات المواصفة اعلاه ومتطلبات IQAS الخاصة بالاعتماد  
مجال الاعتماد المرفق بالشهادة يعتبر جزءاً لا يتجزأ منها

يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني

<https://iqas.mop.gov.iq>

يكون الاعتماد نافذاً من 2025/5/12 الى 2027/5/11

تاريخ منح الاعتماد لأول مرة

2020/8/16

نقش

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

المهندس  
عبد الواحد محمد ابراهيم  
مدير عام الهيئة/ وكالة

Ministry of planning  
Iraqi Organization for Accreditation  
IQAS

## ACCREDITATION CERTIFICATE

No. TL 048



Iraqi Accreditation System Certify that:

### **Anwar Al-Iraqiya co. for Engineering Consultant & Engineering Inspection Laboratories**

Iraq-Al-Basra- Door Al-Naft- Al-Tahrir district

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

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 12/5/2025 To 11/5/2027

Initial accreditation date  
16/8/2020

  
Eng. Abdul Wahid Mohammed Ibrahim  
Director General of IQAS

  
Dr. Mohammed Ali Tamim  
Deputy Prime Minister  
Minister of Planning

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
|                                                                                            | <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- Al-Basra- Door Al-Naft-<br>Al-Tahrir district                                                                                        | <b>Organization name:</b><br>Anwar Al-Iraqiya co. for<br>Engineering Consultant &<br>Engineering Inspection<br>Laboratories | <b>Accreditation no.:</b><br>TL 048                                      |
| <b>Signature:</b><br><br>Eng. Abdul Wahid Mohammed<br>Ibrahim<br>Director General of IQAS | <b>Accreditation is valid:</b><br>From 12/5/2025 To 11/5/2027                                                               | <b>Issue no.:</b><br>003                                                 |

| Testing field | Type of test                                                                   | Test object or product | Reference to standardized method                              |
|---------------|--------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------|
| Mechanical    | Determination of compressive strength test                                     | Concrete cube          | BS EN 12390-3:2009                                            |
|               |                                                                                |                        | Iraqi guide no 348:2007                                       |
|               |                                                                                |                        | BS 12390-4:2009                                               |
|               |                                                                                |                        | BS 12390-2:2009                                               |
| Physical      | Determination of density                                                       | Concrete cube          | Iraqi guide no 348:1992<br>BS 12390-7:2009                    |
| Sampling      | Sampling                                                                       | Fresh Concrete         | كراس النمذجة 2018 / المركز الوطني للمختبرات والبحوث الانشائية |
| Physical      | Density and unit weight of soil in place by sand –cone method                  | Soil<br>Sub base       | ASTM D1556                                                    |
| Physical      | Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method | Soil                   | ASTM D 1556                                                   |
| Physical      | Determination of laboratory compaction characteristics using modified effort   | Soil<br>Sub base       | ASTM D1557                                                    |
| Physical      | California Bearing Ratio                                                       | Soil                   | ASTM D – 1883 - 87                                            |
| Physical      | Los Angeles Abrasion                                                           | aggregate              | ASTM C – 131                                                  |
| Physical      | Soundness Of Aggregate                                                         | aggregate              | ASTM C –88                                                    |
| Physical      | Compaction (Proctor) Test                                                      | Soil                   | ASTM D- 698-<br>ASTM D- 1557                                  |
| Physical      | Grain Size Distribution                                                        | Soil                   | ASTM D 422 & ASTM D421                                        |
| Physical      | Density of Soil in-place by Sand Cone Method                                   | Soil                   | ASTM-D-1556/D1556M-15                                         |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
|                                                                                                   | <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> |
| <p><b>Organization address:</b><br/>Iraq- Al-Basra- Door Al-Naft-<br/>Al-Tahrir district</p>                                                                                      | <p><b>Organization name:</b><br/>Anwar Al-Iraqiya co. for<br/>Engineering Consultant &amp;<br/>Engineering Inspection<br/>Laboratories</p> | <p><b>Accreditation no.:</b><br/>TL 048</p>                              |
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|            |                                                              |                           |                        |
|------------|--------------------------------------------------------------|---------------------------|------------------------|
| Physical   | Liquid Limit (LL),<br>Plastic Limit (PL),<br>Shrinkage limit | Soil                      | ASTM 4318 D            |
| Physical   | Water content                                                | Soil                      | ASTM D2216             |
| Physical   | Asphalt content by ignition                                  | Asphalt mixture           | ASTM D 6307            |
| Physical   | Marshall test                                                | Asphalt                   | ASTM D6926, D6927      |
| Physical   | Penetration of Bituminous<br>Materials                       | Asphalt                   | AS1M 5 D               |
| Physical   | (Thin Film Oven Test)"                                       | Asphalt                   | ASTM1754 D             |
| Physical   | Ductility of Bituminous<br>Materials                         | Asphalt                   | ASTM 113 D             |
| Physical   | flash and fire point                                         | Asphalt                   | ASTM D92               |
| Mechanical | Determination of yield<br>strength                           | Steel reinforcing<br>bars | ASTM A615<br>ASTM A370 |
| Mechanical | Determination of ultimate<br>tensile strength                | Steel reinforcing<br>bars | ASTM A615<br>ASTM A370 |
| Mechanical | Determination of elongation                                  | Steel reinforcing<br>bars | ASTM A615<br>ASTM A370 |