

# شهادة اعتماد

رقم TL 252



يقر نظام الاعتماد العراقي بأن:  
**مختبر المجموعة الاستشارية الهندسية للفحوصات الهندسية**  
العراق - الانبار - الرمادي - حي التأميم - شارع 60 - قرب جامع الامين

تم اعتماده وفقا 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 جزءا لا يتجزء منها

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

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

يكون الاعتماد نافذا من 2025/9/18 الى 2027/9/17  
تاريخ منح الاعتماد لأول مرة  
2025/9/18

ل.م.م  
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 252



Iraqi Accreditation System Certify that:

### **Engineering Consultancy Group for Engineering Testing Laboratory**

Iraq –Al-Anbar- Ramadi- Al-Tameem district- 60<sup>th</sup> street- near Al-Amin Mosque

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

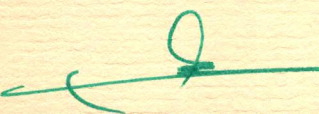
This accreditation is subject to with the above standard & IQAS requirements  
The scope of accreditation is attached to the certificate & considered as part of it

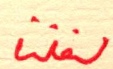
The most recent issue of the accreditation scope is available on IQAS website

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

Accreditation is valid From 18/9/2025 To 17/9/2027

Initial accreditation date  
18/9/2025

  
Eng. Abdul Wahid M. 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/>Scope of Accreditation<br/>form</p> | <p style="text-align: center;">نظام الاعتماد العراقي<br/>IQAS</p> |
| <b>Organization address:</b><br>Iraq –Al-Anbar- Ramadi- Al-Tameem district- 60 <sup>th</sup> street- near Al-Amin Mosque | <b>Organization name:</b><br>Engineering Consultancy Group for Engineering Testing Laboratory    | <b>Accreditation no.:</b><br>TL 252                               |
| <b>Signature:</b><br>Eng. Abdul Wahid M. Ibrahim<br>Director General of IQAS                                             | <b>Accreditation is valid:</b><br>From 18/9/2025 To 17/9/2027                                    | <b>Issue no.:</b><br>001                                          |

| Sampling   | Method of sampling                                                                  |                           | I.Q.S 45/1984              |
|------------|-------------------------------------------------------------------------------------|---------------------------|----------------------------|
| Physical   | Determination of Grading (Sieve Analysis)                                           | Fine Aggregate (sand)     | I.Q.S 45                   |
|            | Determination of Finer Than 0.075mm                                                 |                           | I.R.G 30                   |
| Chemical   | Determination of SO <sub>3</sub> Contents                                           |                           | I.R.G 500                  |
| Sampling   | Method of sampling                                                                  |                           | I.Q.S 45/1984              |
| Mechanical | Standard test Method for Marshall Stability and Flow and Air Void and Bulk Density  | Asphalt                   | ASTM D6927                 |
|            | Determination of Compaction and Thickness                                           |                           | ASTM D6307                 |
|            | Standard test Method for Asphalt Content of Asphalt Mixture and Sieve Analysis      |                           | ASTM D136                  |
| Physical   | Irregularities of surface                                                           |                           | ASTM D3549                 |
| Physical   | Determination of Grading (Sieve Analysis)                                           | Sub base                  | SORB /R9                   |
|            | Determination of Maximum Dry Density                                                |                           | ASTM C136                  |
|            | Determination of California Bearing Ratio                                           |                           | ASTM D1557                 |
| Physical   | Determination of Field density                                                      | Compaction of the subbase | ASTM D1883                 |
|            | Determination of Max. dry density                                                   |                           | ASTM D1556 / D1556M - 15e1 |
| Mechanical | Determination of Degree of Compaction and compaction by EDG                         |                           | ASTM D7698                 |
| Physical   | Determination of compaction and compaction by EDG                                   | Soil                      | ASTM D2937                 |
|            | Determination of finer than 0.075mm                                                 |                           | ASTM D7698                 |
|            | Determination of the liquid limit, plastic limit, and the plasticity index of soils |                           | ASTM D1140                 |
| Mechanical | Determination of Maximum Dry Density                                                |                           | ASTM D4318                 |
|            | Determination of California Bearing Ratio                                           |                           | ASTM D698                  |
| Sampling   | Method of sampling                                                                  |                           | ASTM D1557                 |
| Mechanical | Determination of Compressive Strength                                               | Core                      | ASTM D1883                 |
| Physical   | Determination of Density                                                            |                           | ASTM D1557                 |
|            |                                                                                     |                           | ASTM D1883                 |
|            |                                                                                     |                           | SORB R5&(edit 1999, 2003)  |
|            |                                                                                     |                           | I.R.G 818/1997             |
|            |                                                                                     |                           | ASTM C42                   |

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| <b>Signature:</b><br>Eng. Abdul Wahid M. Ibrahim<br>Director General of IQAS                                             | <b>Accreditation is valid:</b><br>From 18/9/2025 To 17/9/2027                                    | <b>Issue no.:</b><br>001                                          |

|            |                                                           |                          |                                                                      |
|------------|-----------------------------------------------------------|--------------------------|----------------------------------------------------------------------|
|            | Determination of Dimensions                               |                          |                                                                      |
|            | Determination of Efflorescence                            |                          |                                                                      |
| Sampling   | Method of sampling                                        |                          | I.Q.S 24/1988                                                        |
| Mechanical | Determination of Compressive strength                     | Concrete Cube            | I.R.G 348<br>EN-BS 1992-1-1-2004                                     |
| Physical   | Determination of density                                  |                          | I.R.G 274                                                            |
| Sampling   | Method of sampling                                        |                          | Iraqi code for reinforced concrete requirements for buildings 1/1987 |
| Physical   | Determination of Dimension                                | Concrete Masonry Units   | I.Q.S 32<br>ASTM C140                                                |
|            | Determination of Absorption                               |                          |                                                                      |
| Mechanical | Determination of Compressive strength                     |                          |                                                                      |
| Sampling   | Method of sampling                                        |                          | I.Q.S 1107/1987                                                      |
| Mechanical | Determination of Flexural                                 | Terrazzo Tiles           | I.Q.S 1042                                                           |
| Physical   | Determination of Dimensions                               |                          |                                                                      |
|            | Determination of Absorption                               |                          |                                                                      |
|            | Determination of Appearance                               |                          |                                                                      |
| Mechanical | Determination of Flexural                                 | Precast Concrete Flags   | I.Q.S 1107<br>I.R.G 995                                              |
| Physical   | Determination of Dimension                                |                          |                                                                      |
|            | Determination of Absorption                               |                          |                                                                      |
|            | Determination Face Leveling                               |                          |                                                                      |
| Sampling   | Method of sampling                                        |                          | I.Q.S 1107/1987 & (edit no.1/2002)                                   |
| Mechanical | Determination of Modulus of Rupture and Breaking Strength | Ceramic Tiles            | ISO 13006<br>ISO 10545                                               |
| Physical   | Determination of Absorption                               |                          |                                                                      |
| Sampling   | Method of sampling                                        |                          | BS EN ISO 10545-1/1997                                               |
| Physical   | Determination of Grading (Sieve Analysis)                 | Coarse Aggregate(gravel) | I.Q.S 45<br>I.R.G 30<br>I.R.G 500                                    |
|            | Determination of finer than 0.075mm                       |                          |                                                                      |
| Chemical   | Determination of SO <sub>3</sub> Contents                 |                          |                                                                      |

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| Testing field | Type of test                                          | Test object or product             | Reference to standardized method                |
|---------------|-------------------------------------------------------|------------------------------------|-------------------------------------------------|
| Mechanical    | Determination of Elongation                           | Carbon Structural Steel            | ASTM A370<br>ASTM A36<br>ASTM A529              |
|               | Determination of Tensile strength                     |                                    |                                                 |
|               | Determination Yield strength                          |                                    |                                                 |
| Physical      | Determination of Dimensions                           | Steel Reinforcing Bars             | ASTM A370<br>ASTM A615M                         |
| Mechanical    | Determination of Elongation                           |                                    |                                                 |
|               | Determination of Tensile strength                     |                                    |                                                 |
|               | Determination of Yield strength                       |                                    |                                                 |
|               | Determination of Bending                              |                                    |                                                 |
|               | Determination of Weight                               |                                    |                                                 |
| Physical      | Determination of Dimensions                           |                                    | ASTM A615M/A615M-2013 &<br>BS 4449/2005+A2:2009 |
| Sampling      | Method of sampling                                    |                                    |                                                 |
| Mechanical    | Determination of Compressive Strength                 | Cement                             | I.R.G 198<br>I.Q.S No. 5                        |
|               | Determination of Setting Time                         |                                    |                                                 |
|               | Determination of Cement fineness Blaine method        |                                    |                                                 |
|               | Determination of Cement soundness le chatelier method |                                    |                                                 |
| Mechanical    | Determination of Compressive Strength                 | Concrete Interlocking Paving Units | ASTM C140<br>I.Q.S No. 1606                     |
|               | Determination of Absorption                           |                                    |                                                 |
| Physical      | Determination of Dimension                            |                                    | I.Q.S No. 1606/1990 &<br>(edit no. 1/2006)      |
| Sampling      | Method of sampling                                    |                                    |                                                 |
| Mechanical    | Determination of Compressive Strength                 | Clay Building Bricks               | I.Q.S 24<br>I.Q.S 25                            |
| Physical      | Determination of Absorption                           |                                    |                                                 |
|               | Determination of General Appearance and Shape         |                                    |                                                 |