

# شهادة اعتماد

رقم TL 214



يقر نظام الاعتماد العراقي بأن:

## مختبر شركة المقياس للخدمات الهندسية والتجارة العامة محدودة المسؤولية شركة خاصة

العراق - ذي قار - الناصرية - طريق ياحسين

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

في مجال:

- اختبارات المواد الانشائية
- اختبارات المواد المعدنية
- اختبارات المواد البلاستيكية

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 2025/5/12 الى 2027/5/11

تاريخ منح الاعتماد لأول مرة

2025/5/12

سند

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 214



Iraqi Accreditation System Certify that:

**Al Miqyas Company Laboratory for Engineering  
Services and General Trading Limited Liability  
Company - Private Company**  
Iraq – Dhi Qar - Nasiriyah - Imam Hussein Road

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:

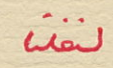
- Construction Materials Testing
- Metallurgical Materials Testing
- Polymers Materials Testing

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  
12/5/2025

  
Eng. Abdul Wahid Mohammed Ibrahim  
Director General of IQAS

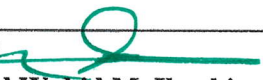
  
Dr. Mohammed Ali Tamim  
Deputy Prime Minister  
Minister of Planning

|                                                                                   |                                                                                                                                                             |                                                                          |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
|  | <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 – Dhi Qar - Nasiriyah -<br>Imam Hussein Road | <b>Organization name:</b><br>Al Miqyas Company Laboratory for<br>Engineering Services and General<br>Trading Limited Liability Company<br>- Private Company | <b>Accreditation no.:</b><br>TL 214                                      |
| <b>Signature:</b><br>Eng. Abdul Wahid M. Ibrahim<br>Director General of IQAS      | <b>Accreditation is valid:</b><br>From 11/8/2025 To 11/5/2027                                                                                               | <b>Issue no.:</b><br>002                                                 |

| Testing field | Type of test                                                                       | Test object or product                                     | Reference to standardized method                    |
|---------------|------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| Mechanical    | Determination of compressive strength                                              | Concrete cube                                              | Iraqi guide no.348:2017                             |
| Physical      | Determination of density                                                           | Concrete cube                                              | Iraqi guide no.274:1992                             |
| Mechanical    | Standard test method for Marshall stability and flow of asphalt mixtures           | Asphalt mixtures                                           | ASTM D 6927:2015<br>SORB/R6:1999 and amendment 2003 |
| Mechanical    | Standard practice for preparation of asphalt mixture specimens using apparatus     | Asphalt mixtures specimens                                 | STM D6926-20<br>SORB/R6:1999 and amendment 2003     |
| Physical      | Determination of Dimensions                                                        | Bricks                                                     | IQS 25<br>IQS 24                                    |
| Physical      | Determination of Absorption                                                        | Bricks                                                     | IQS 25<br>IQS 24                                    |
| Mechanical    | Determination of compressive strength                                              | Bricks                                                     | IQS 25<br>IQS 24                                    |
| Physical      | Presence of soluble salts (Efflorescence test)                                     | Bricks                                                     | IQS 25<br>IQS 24                                    |
| Physical      | Standard test method for density in place by drive-cylinder                        | Soil                                                       | ASTM D2937:2024                                     |
| Physical      | Determination of the particle- size distribution using sieves with square openings | Fine and coarse aggregates extracted from Asphalt mixtures | AASHTO T30:2021                                     |
| Physical      | Standard test method for bulk specific gravity and density                         | Non-Absorptive compacted Asphalt mixtures                  | ASTM D2726:2021                                     |
| Physical      | Standard test method for theoretical maximum specific gravity and density          | Asphalt mixtures                                           | ASTM D2041:2019                                     |
| Physical      | Determination of particle size and shape                                           | Aggregate                                                  | IQS guide 30                                        |
| Physical      | Determination of dimensions                                                        | Terrazzo tiles                                             | IQS guide 31/1989                                   |
| Physical      | Determination of absorption                                                        | Terrazzo tiles                                             | IQS guide 31/1989                                   |
| Physical      | Determination of face absorption                                                   | Terrazzo tiles                                             | IQS guide 31/1989                                   |
| Physical      | Determination of flexural strength                                                 | Terrazzo tiles                                             | IQS guide 31/1989                                   |

|                                                                                                                                                                   |                                                                                                                                                             |                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
|                                                                                  | <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 – Dhi Qar - Nasiriyah -<br>Imam Hussein Road                                                                                 | <b>Organization name:</b><br>Al Miqyas Company Laboratory for<br>Engineering Services and General<br>Trading Limited Liability Company<br>- Private Company | <b>Accreditation no.:</b><br>TL 214                                      |
| <b>Signature:</b><br><br>Eng. Abdul Wahid M. Ibrahim<br>Director General of IQAS | <b>Accreditation is valid:</b><br>From 11/8/2025 To 11/5/2027                                                                                               | <b>Issue no.:</b><br>002                                                 |

|            |                                                                         |                                     |                             |
|------------|-------------------------------------------------------------------------|-------------------------------------|-----------------------------|
| Physical   | Determination of dimensions and surface quality                         | Ceramics                            | ISO 10545-2:2018            |
| Physical   | Determination of water absorption                                       | Ceramics                            | ISO 10545-3:2018            |
| Mechanical | Determination of modulus of rupture and breaking strength               | Ceramics                            | ISO 10545-4:2019            |
| Physical   | Determination of dimensions                                             | Load bearing concrete masonry units | IQS guide 32/1989           |
| Physical   | Determination of absorption                                             | Load bearing concrete masonry units | IQS guide 32/1989           |
| Physical   | Determination of density                                                | Load bearing concrete masonry units | IQS guide 32/1989           |
| Mechanical | Determination of compressive strength                                   | Load bearing concrete masonry units | IQS guide 32/1989           |
| Physical   | Determination of dimensions                                             | Precast concrete flags              | IQS 1107/1988               |
| Physical   | Determination of absorption                                             | Precast concrete flags              | IQS 1107/1988               |
| Mechanical | Determination of breaking load                                          | Precast concrete flags              | IQS 1107/1988               |
| Physical   | Determination of dimensions                                             | Concrete pipe                       | AASHTO T280:2014            |
| Physical   | Determination of absorption                                             | Concrete pipe                       | AASHTO T280:2014            |
| Mechanical | Determination of external load crushing strength                        | Concrete pipe                       | AASHTO T280:2014            |
| Chemical   | Determination of sulfates SO <sub>3</sub> in aggregate                  | Aggregate                           | Iraqi guide no. 500-3 :2018 |
| Mechanical | Determination of Compressive strength of Portland cement                | Portland cement                     | Iraqi guide no. 198-1/2021  |
| Mechanical | Determination of California Bearing Ratio CBR                           | Soil                                | ASTM D1883:2021             |
| Mechanical | Resistance to plastic flow of asphalt mixtures using Marshall apparatus | Asphalt                             | ASTM D6927-2022             |
| Physical   | Thickness or height of compacted bituminous paving mixture specimens    | Asphalt                             | ASTM D3549-2023             |
| Physical   | Sieve analysis of fine and coarse aggregates                            | Aggregate                           | AASHTO T27-2020             |

|                                                                                                                                                                         |                                                                                                                                                                        |                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
|                                                                                        | <p>استمارة<br/>مجال الاعتماد<br/><b>Scope of Accreditation<br/>form</b></p>                                                                                            | <p>نظام الاعتماد العراقي<br/><b>IQAS</b></p> |
| <p><b>Organization address:</b><br/>Iraq – Dhi Qar - Nasiriyah -<br/>Imam Hussein Road</p>                                                                              | <p><b>Organization name:</b><br/>Al Miqyas Company Laboratory for<br/>Engineering Services and General<br/>Trading Limited Liability Company<br/>- Private Company</p> | <p><b>Accreditation no.:</b><br/>TL 214</p>  |
| <p><b>Signature:</b> <br/>Eng. Abdul Wahid M. Ibrahim<br/>Director General of IQAS</p> | <p><b>Accreditation is valid:</b><br/>From 11/8/2025 To 11/5/2027</p>                                                                                                  | <p><b>Issue no.:</b><br/>002</p>             |

|            |                                                            |                        |                                                          |
|------------|------------------------------------------------------------|------------------------|----------------------------------------------------------|
| Physical   | Liquid Limit, Plastic Limit, and Plasticity Index of Soils | Soil                   | AASHTO T89-13 (2021), T90-2020                           |
| Mechanical | Compaction                                                 | Sub-base               | AASHTO T191-2021                                         |
| Mechanical | Determination of ultimate tensile strength                 | Steel reinforcing bars | ASTM A370<br>ASTM A615                                   |
| Mechanical | Determination of yield strength                            | Steel reinforcing bars | ASTM A370<br>ASTM A615                                   |
| Mechanical | Determination of elongation                                | Steel reinforcing bars | ASTM A370<br>ASTM A615<br>ISO 10606:1995                 |
| Physical   | Appearance                                                 | UPVC Pipes             | IQS 5160-1: 2022<br>IQS 5160-2: 2022<br>IQS 5160-3: 2022 |
| Physical   | Color                                                      | UPVC Pipes             |                                                          |
| Physical   | Outer Diameter                                             | UPVC Pipes             |                                                          |
| Physical   | Thickness                                                  | UPVC Pipes             |                                                          |
| Mechanical | Impact Resistance                                          | UPVC Pipes             |                                                          |
| Physical   | Longitudinal reversion                                     | UPVC Pipes             |                                                          |
| Physical   | Dichloromethane Resistance                                 | UPVC Pipes             |                                                          |
| Physical   | Determination of the resistance to internal water pressure | Thermoplastic pipes    | ISO 1167-(1+2):2006                                      |