



ACCREDITATION CERTIFICATE

LB-TEST-286

Emirates International Accreditation Centre

has accredited

MGL Geotechnical Laboratory

**(Br of MAS Geotechnical & Material Testing Laboratory – Sole
Proprietorship L.L.C) (Dubai Branch)**

Industrial Area one | Jabel Ali | Dubai | United Arab Emirates

In accordance with the requirements of

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 16-01-2026 to 15-01-2029

Initial Accreditation Date: 16-01-2026



Amina Ahmed Mohammed
for/CHIEF EXECUTIVE OFFICER





مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Accreditation Scope
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MGL Geotechnical Laboratory

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Industrial Area one | Jabel Ali

Dubai | United Arab Emirates

Date: 16-01-2026

Accreditation History		
Issue no.	Details	Date

Geotechnical Investigation

01	Granted accreditation From Emirates International Accreditation Centre 'EIAC'	16-01-2026
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Construction Materials

01	Granted accreditation From Emirates International Accreditation Centre 'EIAC'	16-01-2026
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Accreditation Scope
Geotechnical Investigation Scope
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Issue no.: 01

Date: 16-01-2026

Valid to: 15-01-2029

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Ground Water	Code of practice for ground investigations Section 4: Exploratory holes- Groundwater monitoring and sampling Section 8: Field instrumentation- Groundwater measurements Ground Water Level Measurement	BS 5930 + A1:2020 Section 4 Clause 26.1 to 26.3 & Section 8 Clause 52.3

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Ground Water	Code of practice for ground investigations Section 4: Exploratory holes- Groundwater monitoring and sampling Ground Water Samples	BS 5930 + A1:2020 Section 4 Clause 26.4
Mechanical/ Physical	Ground Water	Code of practice for ground investigations Section 8: Field instrumentation- Groundwater measurements Standpipe Piezometer	BS 5930 +A1:2020 Clause 52.0

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Code of practice for ground investigations Section 4: Exploratory holes- Groundwater monitoring and sampling Soil Sampling	BS 5930 + A1:2020 Section 4 Clause 25.6
Mechanical/ Physical	Soil	Methods for test for soils for civil engineering purposes Part 9: In-situ tests Standard Penetration test SPT	BS 1377 Part 9 AMD 17229-2007 Clause 3.3, and BS 5930 +A1:2020
Mechanical/ Physical	Soil	Code of practice for ground investigations Section 6: Description of soils and rocks Soil description	BS 5930+A1:2020 Section 6 Clause 33

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Geotechnical investigation and testing. Laboratory testing of soil Part 4: Determination of particle size distribution	BS EN ISO 17892 Part 4
Mechanical/ Physical	Soil	Geotechnical investigation and testing. Laboratory testing of soil Part 4: Determination of particle size distribution Hydrometer Analysis (Particle Size Distribution)	BS EN ISO 17892 Part 4

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification tests and determination of geotechnical properties Liquid Limit, Plastic Limit & Plasticity Index	BS1377 Part 2 Clause 5.4 and Clause 6, and BS EN ISO 17892 Part 12 +A2-2022 Clause 5.4 , Clause 5.5 and Clause 6.5

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification tests and determination of geotechnical properties Determination of Water (Moisture) Content of soil sample	BS 1377 Part 2 Clause 4.1, and BS EN ISO 17892 Part 1+A1:2022
Mechanical/ Physical	Rock	Code of practice for ground investigations Section 6: Description of soils and rocks Rock quality designation	BS 5930 +A1:2020 Section 6 Clause 36.4

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Rock	Code of practice for ground investigations Section 6: Description of soils and rocks Description of rock cores	BS 5930+A1:2020 Section 6, Clause 36
Mechanical/ Physical	Rock	Standard Test Method for Determination of the Point Load Strength Index of Rock and Application to Rock Strength Classifications	ASTM D5731
Mechanical/ Physical	Soil/ Rock	Code of practice for ground investigations Section 6: Description of soils and rocks Core recovery	BS 5930 +A1:2020 Section 6 Clause 36.4

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil/ Rock	Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures Unconfined Compressive Strength of Intact Rock Core Specimens	ASTM D7012

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil/ Rock	Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	ASTM D4543
Mechanical/ Physical	Soil/ Rock	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D2216

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Soil/ Rock	Geotechnical investigation and testing — Field testing Part 1: Electrical cone and piezocone penetration test Cone Penetration test (CPTU)	BS EN ISO 22476 Part 1 Clause 5
Mechanical/ Physical	Reporting	Code of practice for ground investigations Section 10 Reports and interpretation	BS 5930+A1:2020, Clause 63 Section 10

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing Determination of the pH value	BS 1377 Part 3 + A1:2021 Clause 12
Chemical	Soil	Water Soluble Salt	Earth Manual, Part II, USBR 5450-89
Chemical	Soil	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing Determination of water-soluble chloride content	BS 1377 Part 3 + A1:2021 Clause 9.2.7 Volhard's Method

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing- Determination of sulfur compounds: - Sampling, sample storage and sample preparation - Determination of water-soluble sulfate in soil (WS) - Gravimetric method for	BS 1377 Part 3 + A1:2021 Clause 7.2, Clause 7.3 & Clause 7.6

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing Determination of acid-soluble chloride content	BS 1377 Part 3 + A1:2021 Clause 9.3

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing Determination of sulfur compounds: - Sampling, sample storage and sample preparation - Gravimetric method for analysis - Determination of acid-soluble sulfate (AS)	BS 1377 Part 3 + A1:2021 Clause 7.2, Clause 7.9 & Clause 7.6 (Gravimetric Method)

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing- Determination of the organic matter content	BS 1377 Part 3+A1:2021 Clause 4
Chemical	Soil	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing- Rapid titration method for determination of calcium carbonate content	BS 1377 Part 3+A1:2021 Clause 8.3 (Rapid Titration Method)

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	Gypsum content	In-House Test Method MGL-QLT-IHTP-001 (By conversion from the acid soluble sulfate content: BS 1377-3:2018 + A1:2021)
Chemical	Ground water	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing pH value	BS 1377 Part 3+A1:2021 Clause 12

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ground water	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing- Determination of total dissolved solids	BS 1377 Part 3+A1:2021 Clause 11
Chemical	Ground water	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing- Determination of water-soluble chloride content	BS 1377 Part 3+A1:2021 Clause 9.2

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ground water	Methods of test for soils for civil engineering purposes Part 3: Chemical and electro-chemical testing- Determination of sulfur compounds: - Gravimetric method for analysis - Determination of groundwater sulfate (CWC)	BS 1377 Part 3+A1:2021 Clause 7.6 & Clause 7.8

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Pile Testing	Standard Test Method for Integrity Testing of Concrete Deep Foundations by Ultrasonic Crosshole Testing	ASTM D6760
Mechanical/ Physical	Pile Testing	Standard Test Method for Low Strain Impact Integrity Testing of Deep Foundations	ASTM D5882

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/ Physical	Pile Testing	Standard Test Methods for Deep Foundations Under Bi-Directional Static Axial Compressive Load Standard Test Methods for Deep Foundation Under Static Axial Compressive Load Test	ASTM D1143/D1143M - 20e1, and ASTM D8169/D8169M
Mechanical/ Physical	Pile Testing	Standard Guide for Conducting Borehole :Geophysical Logging Mechanical Caliper	ASTM D6167
Mechanical/ Physical	Pile Testing	Standard Test Method for High-Strain Dynamic Testing of Deep Foundations	ASTM D4945