



UNITED ARAB EMIRATES
MINISTRY OF INDUSTRY
& ADVANCED TECHNOLOGY



شهادة الاعتماد Accreditation Certificate

Conformity Assessment Body's ID: (NAL O38)

الرمز التعريفي لجهة تقييم المطابقة: (NAL O38)

Material Lab Testing Services L.L.C
Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi,
United Arab Emirates

ماتيريال لاب لخدمات الفحص ذ.م.م
مصفح م 2 ، أبو ظبي ، الإمارات العربية المتحدة، ابوظبي، الإمارات العربية
المتحدة

Accredited according to the International Standard ISO/IEC
17025₁ to undertake tests as specified in the attached
Accreditation Scope.

حاصل على الإعتماد لطرق الفحص الواردة في وثيقة المجال المرفقة وفقاً
للمواصفة الدولية ISO/IEC 17025₁

Accredited on: 03/03/2011

تاريخ منح الاعتماد: 2011/03/03

Expires on: 03/09/2026

تاريخ الانتهاء: 2026/09/03

1 Accreditation in accordance with the International Standard ISO/IEC
17025:2017 "General requirements for the competence of testing and calibration
laboratories" and the relevant ENAS and ILAC requirements.

1 وفقاً لمتطلبات المواصفة الدولية ISO/IEC 17025:2017 "المتطلبات العامة لكفاءة مختبرات
الفحص والمعايرة" والمتطلبات ذات العلاقة الخاصة بنظام الإعتماد الوطني الإماراتي ENAS والمنظمة
الدولية لاعتماد المختبرات ILAC.

This certificate is invalid without the attached scope of accreditation, which
subjected to annual surveillances as per ENAS procedure. Certificate can be
updated or re-issued until the expiry date defined above. The validity of the
certificate is subjected to continuous compliance with the requirements of the
accreditation system. The lab is responsible for the results of its testing.



مجال الاعتماد جزء أساسي من هذه الشهادة حيث تخضع مجالات الاعتماد المذكورة في الوثيقة المرفقة
لعمليات متابعة لاحقة من قبل نظام الإعتماد الوطني الإماراتي ENAS، وتعتبر هذه الشهادة صالحة وقابلة
للتحديث وإعادة الاصدار حتى تاريخ الانتهاء المدون اعلاه شريطة استمرار المختبر المذكور اعلاه في
تطبيق متطلبات نظام الاعتماد سالف الذكر. يتحمل المختبر مسؤولية نتائج الفحص الصادرة عنه.

This is an electronic certificate and does not require stamp and signature.
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هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Initial Accreditation Date: 03/03/2011

تاريخ منح الإعتماد لأول مرة: 2011/03/03

هاتف 600565554 TEL ص.ب. P.O.BOX 48666 | أبوظبي، دبي، الإمارات العربية المتحدة Abu Dhabi, Dubai, United Arab Emirates





Accreditation Scope

Material Lab Testing Services L.L.C, NAL O38
Testing Laboratory, (ISO/IEC 17025:2017)

Musafah M-2, Abu Dhabi ,United arab Emirates, Abu Dhabi, United Arab Emirates

Issue Date: 22/10/2023

Expiry Date: 03/09/2026

Issue No: 7

Testing Field	Materials/ Products Tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Physical	Hardened Concrete	Method of normal curing of test specimens (20°C method)	BS 1881-111 Amd. 9387:1997 (Supersede)	P
Physical	Hardened Concrete	Methods for determination of density of hardened concrete	BS 1881-114 Amd. 6721:1989 (Supersede)	P
Physical	Hardened Concrete	Method for determination of compressive strength of concrete cubes	BS 1881-116 AMD. 6720: :1991 (Supersede)	P
Physical	Hardened Concrete	Shape, dimensions and other requirements for specimens and molds	BS EN 12390- 1:2021	P
Physical	Hardened Concrete	Making and curing specimens for strength tests	BS EN 12390- 2:2019	P

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Physical	Hardened Concrete	Compressive strength of test	BS EN 12390-3:2019	P
Physical	Hardened Concrete	Density of hardened concrete	BS EN 12390-7:2019	P
Physical	Hardened Concrete	Determination of Compressive Strength of Concrete Core	BS EN 12390-3:2019 BS EN 12504-1:2019	P
Physical	Hardened Concrete	Determination of Initial Surface Absorption of Concrete	BS 1881-208:1996	P
Physical	Hardened Concrete	Water Absorption Test	BS 1881-122:2011+A1:020	P
Physical	Hardened Concrete	Determination of Depth Penetration of Water Under Pressure	BS EN 12390-8:2019	P
Physical	Hardened Concrete	Determination of Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	ASTM C 1202:2022	P

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Physical	Soil	Determination of Dry Density Moisture Content Relationship using 4.5 kg Rammer for Coarse & Medium	BS 1377-2:2022 Clause 11.5 & 11.6	P
Physical	Soil	Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort	ASTM D 1557-12 (2021)	P
Physical	Soil	Standard Method of Test for Moisture-Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.)	AASHTO T 180:2021	P
Physical	Soil	In-situ Density by Sand Replacement Method	BS 1377-9:1990, Cl. 2.2 AMD 8264 1995	S/P
Physical	Soil	Density of Soil In-Place by the Sand-Cone Method	ASTM D 1556-15	S/P
Physical	Soil	Density of Soil In-Place by the Sand-Cone Method	AASHTO T191:2022	S/P

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Physical	Soil	California Bearing Ratio	BS 1377-2:2022 Clause 15	P
Physical	Soil	California Bearing Ratio	ASTM D 1883-21	P
Physical	Soil	California Bearing Ratio	AASHTO T 193:2022	P
Physical	Soil	Laboratory Determination of Moisture Content of Soils	AASHTO T 265:15(Reapproved 22)	P
Physical	Soil	Liquid Limit, Plastic Limit, & Plasticity Index of Soils	ASTM D 4318-2017	P
Physical	Soil	Liquid Limit, Plastic Limit, & Plasticity Index of Soils	AASHTO T 89:2021 & AASHTO T 90:22	P
Physical	Aggregate	Particle Size Analysis	ASTM C 136-19	P
Physical	Aggregate	Particle Size Analysis	AASHTO T 27:22	P
Civil engineering	Soil	Determination of Cone Penetration Test (CPT)	BS 1377-9:1990, Cl. 3.1 AMD 8264 1995	S
Civil engineering	Soil	Determination of Standard Penetration Test (SPT)	BS 1377-9:1990, Cl. 3.3 AMD 8264 -1995	S

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Civil engineering	Core	Rotary Core Drilling	BS 5930:2015+A1:2020 Section:6	S
Civil engineering	Soil	Soil Sampling	BS 5930:2015+A1:2020 Cl. 25	S
Civil engineering	Water	Ground Water Level Measurement	BS 5930:2015+A1:2020 - Section 4	S
Civil engineering	Water	Ground Water Sampling	BS 5930:2015+A1:2020 - Section 4	S
Civil engineering	Soil	Particle Size Distribution by Sieve Analysis	BS 1377-2:1990, Cl. 9.2 & 9.3 Amd 9027:1996	P
Civil engineering	Soil	Particle Size Distribution by Hydrometer Method	BS 1377-2:1990, Cl. 9.5 Amd 9027:1996	P
Civil engineering	Soil	Liquid Limit, Plastic Limit, & Plasticity Index of Soils	BS 1377-2:1990, Cl. 4.3, 4.4, 5.3 & 5.4 AMD 9027:1996	P
Civil engineering	Soil	Determination of Water (Moisture) Content of soil by mass	BS 1377-2:2022: Clause 4.1 / BS EN 17892- 1:2014+A1:2022	P

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Civil engineering	Core	Unconfined Compressive Strength (UCS)	ASTM D 7012:2014e1 (Method C)	P
Civil engineering	Core	Preparation of Rock Core	ASTM D 4543-19	P
Civil engineering	Core	Determination of Water (Moisture) Content of soil and rock by mass	ASTM D 2216-19	P
Civil engineering	Soil & Rock	Soil & Rock Description	BS 5930:2015+A1:2020 – Cl.33 & Cl.36	P
Civil engineering	Core	Core Recovery	BS 5930:2015+A1:2020 – Cl.36.4.4	P
Civil engineering	Core	Rock Quality Designation	BS 5930:2015+A1:2020 – Cl.36	P
Civil engineering	Reporting	Code of Practice for Site Investigation Geotechnical Reporting	BS 5930:2015+A1:2020 – Cl.63	P
Civil engineering	Soil	Acid Soluble Chloride Content of Soil	BS 1377-3:2018+A1:2021 Clause 9.3	P

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Civil engineering	Soil	Acid Soluble Sulphate Content of Soil	BS 1377-3:2018+A1:2021 Clause 7.9/ 7.6	P
Civil engineering	Soil	Water Soluble Chloride Content of Soil	BS 1377-3:2018+A1:2021 Clause 9.2	P
Civil engineering	Soil	Water Soluble Sulphate Content of Soil	BS 1377-3:2018+A1:2021 Clause 7.3/ 7.6	P
Civil engineering	Soil	pH of Soil	BS 1377-3:2018+A1:2021 Clause 12	P
Civil engineering	Water	pH of Ground Water	BS 1377-3:2018+A1:2021 Clause 12	P
Civil engineering	Water	Sulphate Content of Ground Water	BS 1377-3:2018+A1:2021 Clause 7.8/ 7.6	P
Civil engineering	Water	Chloride Content of Ground Water	BS 1377-3:2018+A1:2021 Clause 9.2	P
Non-Destructive Testing	Concrete	Measurement of Velocity of Ultrasonic Pulses in Concrete	BS EN 12504-4:2021	S
Non-Destructive Testing	Concrete	Determination of Pull Off Stength	BS 1881-207:1992, Cl. 8	S

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Non-Destructive Testing	Concrete	Concrete Surface Hardness Test by Rebound Hammer	BS EN 12504-2:2021	S
Non-Destructive Testing	Concrete	Pull out Test of Anchor	BS 8539-2012+A1:2021, Annex B3	S
Non-Destructive Testing	Concrete	Pull out Test of Rebar	BS 1881-207:1992, Cl. 7	S
Pipe -UPVC	Pipe-UPVC	Tensile and Elongation	ISO 6259 -2:2020 ISO 6259-1 :2015	S
Pipe -UPVC	Pipe-UPVC	Heat Reversion	ISO 2505:2005	S
Insulation Material -U Foam	Insulation Material - U Foam	Compression testing of Cellular Plastics	ASTM D 1621:2016	S
Geophysical	Rocks & Soil	Multichannel Analysis of Surface Waves (MASW)	In-house Method (ML GMS-0166)	S
Geophysical	Rocks & Soil	Seismic Cross Hole Testing	ASTM D4428:2014	S
Geophysical	Rocks & Soil	Seismic Down Hole Testing	ASTM D7400:2017	S
Chemical	Water & Waste Water	Determination of pH	APHA 4500 H:2022 24th edition	P
Chemical	Water & Waste Water	Total Dissolved Solids	APHA 2540 C:2022 24th edition	P

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Chemical	Water & Waste Water	Total Suspended Solids	APHA 2540 C:2022 24th edition	P
Chemical	Water & Waste Water	Nitrogen, Ammonia	Salicylate Hach Method 8155 (MLD GMS 053)	P
Chemical	Water & Waste Water	Nitrite	Diazotization Hach Method 8507 (MLD GMS 051)	P
Chemical	Water & Waste Water	Nitrate	Cadmium Reduction Hach Method 8039 (MLD GMS 052)	P
END				

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