



Accreditation Scope

AL MADEENA LABORATORY SOIL & MATERIALS TESTING L.L.C., NAL 191
Testing Laboratory, (ISO/IEC 17025:2017)

Abu Dhabi - Musafah South - ICAD3 , Abu Dhabi, United Arab Emirates

Issue Date: 03/10/2025

Expiry Date: 09/10/2028

Issue No: 2

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)
Geotechnical	Field Sampling & Testing	Standard Penetration Test (SPT)	BS 1377-9:1990, AMD.8264/1995 Clause 3.3, BS 5930:2015+A1: 2020	S
Geotechnical	Soil & Rock	Soil and Rock Sampling	BS 5930:2015+A1: 2020 CL. 25	S
Geotechnical	Soil & Rock	Soil and Rock Description	BS 5930:2015+A1: 2020 Sec 6	P
Geotechnical	Ground Water	Ground Water Level Measurement	BS 5930-2015+A1: 2020 Sec-8 CI-52.1 & 52.2	S
Geotechnical	Ground Water	Ground Water Sampling	BS 5930-2015+A1: 2020 Sec-4 CI-26.4	S
Geotechnical	Rock	Rock Quality Designation	BS 5930:2015 +A1: 2020 CI 36	P
Geotechnical	Rock	Core Recovery	BS 5930:2015 +A1: 2020 CI 36	P
Geotechnical	Rock	Description & Classification Of Rocks	BS 5930:2015 +A1: 2020 Sec 6	P

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Geotechnical	Soil	Soil Description	BS 5930:2015 +A1: 2020 Sec 6	P
Geotechnical	Rock Cores	Unconfined Compressive Strength Including Preparation Of Rock Cores	ASTM D7012-2023, Method C & ASTM D4543-19	P
Geotechnical	Soil & Rock	Determination Of Water (Moisture) Content Of Soil & Rock By Mass	ASTM D 2216-2019	P
Geotechnical	Soil	Determination Of Water Content Of Soil	BS EN ISO 17892- 1:2014, 1377- 2:2022: Clause 4.1	P
Geotechnical	Soil	Determination Of Liquid Limit, Plastic Limit And Plasticity Index Of Soil	BS EN ISO 17892- 12: 2018, Cl. 5.3, 5.4, & 5.5; BS 1377- 2:1990 Amd. 9027- 96, Cl. 4.3, 4.5, 5.3 & 5.4	P
Geotechnical	Soil	Determination Of Particle Size Distribution By Hydrometer Method	BS EN ISO 17892- 4:2016, Cl. 5.3; BS 1377-2:1990 (Amd.9027:96), Cl.9.5	P
Geotechnical	Soil	Determination Of Particle Size Distribution Wet Sieving Method	BS EN ISO 17892- 4:2016; BS 1377- 2:1990 Amd. 9027- 96, Cl.9.2	P

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Geotechnical	Soil	Particle Size Distribution - Dry Sieving Method	BS EN ISO 17892-4:2016; BS 1377-2:1990 Clause 9.3 Amd. 9027-96	P
Chemical	Soil	Determination Of pH Value Of Soil	BS 1377-3:2018 +A1 2021; Cl.12	P
Chemical	Soil	Determination Of The Sulfate Content Of Soil (Water Extract)	BS 1377:2018 +A1 2021;Part 3 Cl. 7.3 / 7.6	P
Chemical	Soil	Determination Of The Sulfate Content Of Soil (Acid Extract)	BS 1377-3:2018: +A1 2021 Clause 7.9 / 7.6	P
Chemical	Soil	Determination Of The Chloride Content Of Soil (Water Extract)	BS 1377-3:2018 +A1 2021;Cl. 9.2.2-9.2.5, 9.2.7;	P
Chemical	Soil	Determination Of The Chloride Content Of Soil (Acid Extract)	BS 1377-3:2018+A1 2021; Cl. 9.3	P
Chemical	Ground Water	Determination Of The Sulfate Content Of Ground Water	BS 1377-3:2018+A1 2021; Cl. 7.8.3 / 7.6	P

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Chemical	Ground Water	Determination Of The Chloride Content Of Ground Water	BS 1377-3:2018+A1 2021; Cl. 9.2.7	P
Chemical	Soil & Ground Water	Determination Of The pH Value	BS 1377-3:2018+A1 2021; Cl. 12	P
Geotechnical	Reporting	Reporting	BS 5930:2015 +A1: 2020 Section 10	P
Construction materials and building	Hardened Concrete	Shape, dimensions and other requirements for specimens and moulds	BS EN ISO 12390-1:2021	P
Construction materials and building	Hardened Concrete	Making and Curing Specimen for Strength Test	BS EN ISO 12390-2:2019	P
Construction materials and building	Hardened Concrete	Compressive Strength of Test Specimen	BS EN ISO 12390-3:2019	P
Construction materials and building	Hardened Concrete	Determination of density of hardened concrete	BS EN ISO 12390-7:2019	P
Construction materials and building	Soil	Determination of in-situ density by sand replacement method	BS 1377-9:1990, Cl. 2.2, Amd.8264/95	S

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Construction materials and building	Soil	Determination of dry density-moisture content relationship using 4.5kg rammer for coarse and medium gravel size particles	BS 1377-2:2022 Clause 11.5 & 11.6	P
END				

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