



Accreditation Scope

Engineering and Research International LLC, NAL-066
Testing Laboratory, (ISO/IEC 17025:2017)

232, Al Istiqamah 1 St, Abu Dhabi Industrial City, Abu Dhabi 20300, Abu Dhabi, United Arab Emirates

Issue Date: 08/12/2025
Issue No: 10

Expiry Date: 29/06/2027

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	Soil	Density and Unit Weight of soil in place by the Sand Cone Method	ASTM D 1556-15	S/P
Physical	Soil	Standard Test Method for Laboratory Compaction Characteristic of Soil Using Modified Effort	ASTM D 1557-12 (Reapproved 2021)	P
Physical	Soil	Determination of Particle Size Distribution	BS 1377-2:2022, Cls. 10/BS EN ISO 17892-4-2016 Cls. 5.2	P
Physical	Soil	Determination of Particle Size Distribution by Hydrometer Method	BS 1377-2:2022, Cls. 10/BS EN ISO 17892-4-2016 Cls. 5.3	P
Physical	Soil	Determination of water content	BS 1377-2:2022/Cls. 4.1/BSEN ISO 17892-1-2014+A1:2022, Cls. 5	P

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Physical	Soil	Atterberg Limits (Liquid Limit, Plastic Limit, Plasticity Index)	BS 1377-2:2022, Cls. 5.4 & 6/ BS EN ISO 17892-12-2018+A1:2022, Cls. 5.4, 5.5 & 6.5	P
Physical	Hardened Concrete	Determination of Shape, dimensions and other requirements for specimens & molds	BS EN 12390-1:2021	P
Physical	Hardened Concrete	Making & Curing specimens for strength tests	BS EN 12390-2: 2019	P
Physical	Hardened Concrete	Determination of Compressive Strength of Concrete Specimens	BS EN 12390-3:2019	P
Physical	Hardened Concrete	Determination of Density of Hardened Concrete	BS EN 12390-7:2019	P
Physical	Hardened Concrete	Testing of Fresh Concrete-Sampling	BS EN 12350-1:2019	S
Physical	Hardened Concrete	Slump Test	BS EN 12350-2:2019	S

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Physical	Aggregates	Determination of Elongation Index of Coarse Aggregate	BS 812-105.2:1990	P
Physical	Aggregates	Determination of Flakiness Index of Coarse Aggregate	BS 812-105.1:1989	P
Physical	Aggregates	Sieve Analysis of fine aggregate and coarse aggregate	ASTM C136/C136M-19	P
Chemical	Soil	Acid Soluble Sulphate Content of Soil	BS 1377-3:2018+A1:2021 Cls. 7.9 & 7.6	P
Chemical	Soil	Water Soluble Sulphate of Content of Soil	BS 1377-3:2018+A1:2021 Cls. 7.3 & 7.6	P
Chemical	Soil	Acid Soluble Chloride Content of Soil	BS 1377-3:2018+A1:2021 Cls. 9.3	P
Chemical	Soil	Water Soluble Chloride Content of Soil	BS 1377-3:2018+A1:2021 Cls. 9.2.4,9.2.5,9.2.7,9.2.8,9.2.9.1,9.2.9.3	P
Chemical	Soil	pH value of Soil	BS 1377-3:2018+A1:2021 Cls.12.5	P
Chemical	Ground Water	pH value of Ground Water	BS 1377-3:2018+A1:2021 Cls.12	P
Chemical	Ground Water	Sulphate Content of Ground Water	BS 1377-3:2018+A1:2021 Cls.7.8 & 7.6	P

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Chemical	Ground Water	Chloride Content of Ground Water	BS 1377-3:2018+A1:2021 Cls.9.2.7,9.2.8,9.2.9.3	P
Geotechnical	Soil & Rock	Soil & Rock Sampling	BS 5930:2015+A1 2020 Section 4: Cls. 23, Cls. 24, Cls. 25, BS 1377-1990 Part-9 section 3.3	S
Geotechnical	Soil	Standard Penetration Test(SPT)	BS 1377-9:1990 section 3.3	S
Geotechnical	Soil	Soil Description	BS 5930:2015+A1 2020 Section 6, Cls. 33, Cls. 35	P/S
Geotechnical	Ground Water	Ground Water Level Measurement	BS 5930:2015+A1 2020 Section 4 Cls. 26	S
Geotechnical	Ground Water	Ground Water Sampling	BS 5930:2015+A1 2020 Section 4: Cls. 26	S
Geotechnical	Rock	Description of Rocks	BS 5930:2015, Section 6, Cl. 36.4	P/S
Geotechnical	Rock	Rock Quality Designation	BS 5930:2015+A1 2020 Section 6, Cls. 36	P/S
Geotechnical	Rock	Preparing of Rock Core Specimen	ASTM D 4543:2019	P
Geotechnical	Rock	Unconfined compressive strength of intact rock specimens	ASTM D 7012:2023	P

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Geotechnical	Soil/Rock	Moisture Content of Soil/rock	ASTM D 2216:2019	P
Geotechnical	Reporting	Reporting	BS 5930:2015+A1 2020 Section 10	P
Geophysical	MASW	Non-Destructive Test	Internal Procedure(Quality Procedure:QP-122)	S
Physical	SOIL	Determination of California Bearing Ratio	BS 1377-2:2022 Cls.15	P
END				

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