



Accreditation Scope

National Laboratory for Soil and Building Material, NAL 107
Testing Laboratory, (ISO/IEC 17025:2017)

Abu Dhabi, Mussafah, M37, Sector 205, Abu Dhabi, United Arab Emirates

Issue Date: 08/12/2025

Expiry Date: 19/11/2028

Issue No: 4

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	Soil In-Situ Testing	Methods of test for soils for civil engineering purposes Part 9: In- situ tests In Situ penetration test- Determination of the penetration resistance using the split-barrel sampler (the standard penetration test SPT)	BS 1377-9:1990	S
Geotechnical	Soil Sampling and Discription	Code of practice for Ground Investigations Obtaining disturbed- Description of Soils Soil Sampling - Open-tube sampling techniques- samples from boring tools & excavating equipment.	BS 5930:2015+A1:2020	P/S

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Geotechnical	Rock Sampling & Description	Code of practice for Ground Investigations Rock Sampling Rotary core samples - Description and Classification of Rocks Rock Core Recovery	BS 5930:2015+A1:2020	P/S
Geotechnical	Ground Water Management	Code of practice for ground investigations Ground water monitoring Ground Water sampling- Groundwater measurements	BS 5930:2015+A1:2020	S
Geotechnical	Soil	Particle size distribution Wet & Dry sieving	BS EN ISO 17892:2016	P
Geotechnical	Soil	Determination of Water (Moisture)	BS EN ISO 17892-1:2014	P
Geotechnical	Soil	Sedimentation by the hydrometer method	BS EN ISO 17892-4:2016	P
Geotechnical	Soil	Liquid limit, plastic limit and plasticity index of soil	BS EN ISO 17892-12:2018	P

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Geotechnical	Rock	Preparation of rock core (Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances) - Unconfined Compressive Strength of Rock Core Specimen - Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D4543-19, ASTM D7012-2014 e1, Method C, ASTM D2216-2019	p
Chemical	Soil	Acid Soluble Sulphate Content of Soil	BS 1377-3:2018+A1:2021	p
Chemical	soil	Water Soluble Sulphate Content of Soil	BS 1377-3:2018+A1:2021	p
Chemical	soil	Acid Soluble Chloride Content of Soil	BS 1377-3:2018+A1:2021	p
Chemical	soil	Water Soluble Chloride Content of Soil	BS 1377-3:2018+A1:2021	p

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Chemical	Soil	pH of Soil, (0 to 14) pH Units	BS 1377- 3:2018+A1:2021	P
Chemical	Ground Water	pH of Ground Water, (0 to 14) pH Units	BS 1377- 3:2018+A1:2021	P
Chemical	Ground Water	Sulphate Content of Ground Water	BS 1377- 3:2018+A1:2021	P
Chemical	Ground Water	Chloride Content of Ground Water	BS 1377- 3:2018+A1:2021	P
Physical	Soil	In Situ Density (Sand Replacement Method Suitable for Fine, Medium and Coarse Grained Soils, Large And Small Pouring Cylinder)	BS 1377-9:1990	S
Physical	Soil	Determination of dry density/ moisture content relationship using 4.5 kg rammer for coarse and medium gravel size particles)	BS 1377-4:1990	P
Physical	Concrete	Testing hardened concrete. Shape, dimensions and other requirements for specimens and molds	BS EN 12390-1: 2012	P

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Physical	Concrete	Testing hardened concrete. Making and curing specimens for strength tests	BS EN 12390-2:2019	P
Physical	Concrete	Compressive Strength of Concrete Cube	BS EN 12390-3:2019	P
Geotechnical	Reporting	Code of practice for ground investigations - Reporting	BS 5930:2015+A1:2020	P
Physical	Concrete	Testing of hardened concrete- Density of Hardend concrete cube	BS EN-12390-7:2019	P
END				

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