



Accreditation Scope

URS Laboratory Services LLC, NAL 190
Testing Laboratory, (ISO/IEC 17025:2017)

P.O Box 106915 South Mussafah, Abu Dhabi, Abu Dhabi, United Arab Emirates

Issue Date: 06/03/2024

Expiry Date: 05/03/2027

Issue No: 1

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 Ground Investigation	Geotechnical Ground Investigation	Determination of the penetration resistance using the split-barrel sampler (the standard penetration test SPT) Geotechnical Investigation and testing — Field Testing Standard penetration test (SPT)	BS 1377-9:1990, AMD.8264/1995 Clause 3.3 BS 5930:2015	S
Geotechnical Ground Investigation	Soil	Soil Sampling	BS 5930:2015, Section 4, Clause 25.6	S
Geotechnical Ground Investigation	Soil	Soil Description	BS 5930:2015, Section 6, Clause 33	S/P
Geotechnical Ground Investigation	Ground Water	Ground Water Level Measurement	BS 5930:2015, Section 4, Clause 26.1 to 26.3 & Section 8, Clause 52.5	S

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Geotechnical Ground Investigation	Ground Water	Ground Water Sampling	BS 5930:2015, Section 4, Clause 26.4	S
Geotechnical Ground Investigation	Rock	Rock Sampling- Total Core Recovery (TCR)	BS 5930:2015, Section 4, Clause 25.7	S
Geotechnical Ground Investigation	Rock	Description of Rocks	BS 5930:2015, Section 6, Clause 36	S/P
Geotechnical Ground Investigation	Rock	Rock Quality Designation (RQD)	BS 5930:2015, Section 6, Clause 36.4	S/P
Geotechnical Ground Investigation	Rock	Preparing Rock Core Cylindrical Test Specimens	ASTM D4543-19	P
Geotechnical Ground Investigation	Rock	Unconfined Compressive Strength	ASTM D 7012 -14e1	P
Geotechnical Ground Investigation	Soil	Particle size distribution – Sieve Analysis	BS EN ISO 17892 -4:2016 Clause 4.2,5.2 & 6	P
Geotechnical Ground Investigation	Soil	Particle-Size Distribution (Gradation) Of Fine-Grained Soils Sedimentation (Hydrometer) Analysis	BS EN ISO 17892-4:2016 Clause 4.3, 5.3 & 6.2	P

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Geotechnical Ground Investigation	Soil	Liquid limit by the Fall Cone Method	BS EN ISO 17892-12 :2018+A1 2021 Clauses 4.2, 5.3, 6.2	P
Geotechnical Ground Investigation	Soil	Plastic limit & Plasticity Index	BS EN ISO 17892-12 :2018+A1 2021 Clauses 6.4 & 6.5	P
Geotechnical Ground Investigation	Soil	Determination of Water (Moisture) Content of Soil sample	BS EN ISO 17892-1:2014	P
Geotechnical Ground Investigation	Soil	Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D2216-2019	P
Chemical	Soil	pH value of Soil	BS 1377-3:2018: +A1:2021, Clause 12	P
Chemical	Soil	Water soluble Sulfate Content in Soil	BS 1377-3:2018: +A1:2021 Clause 7.2, 7.3, 7.6	P
Chemical	Soil	Acid soluble Sulfate Content in Soil	BS 1377-3:2018: +A1:2021 Clause 7.2, 7.6, 7.9	P
Chemical	Soil	Water soluble Chloride Content in Soil	BS 1377-3:2018: +A1:2021; Clause 7.2, 9.2(Volhard's method)	P

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Chemical	Soil	Acid soluble Chloride Content in Soil	BS 1377-3:2018: +A1:2021 Clause 7.2, 9.2.7.1, 9.3(Volhard's method)	P
Chemical	Ground Water	Sulfate Content of Ground Water	BS 1377-3:2018: +A1:2021 Clause 7.2, 7.6, 7.8	P
Chemical	Ground Water	Chloride Content of Ground Water	BS 1377-3:2018: +A1:2021; Clause 9.1(Volhard's method)	P
Chemical	Ground Water	pH value of ground water	BS 1377-3:2018: +A1:2021; Clause 12	P
Geotechnical Ground Investigation	Report	Reporting	BS 5930:2015, Section 10, Clause 63	P
Construction Material Testing	Soil	Dry density - moisture content relationship of soil with medium sized gravel	BS 1377-4:1990, AMD. No. 13925-2002, Clause 3.5	P
Construction Material Testing	Soil	Dry density - moisture content relationship of soil with coarse sized gravel	BS 1377-4:1990, AMD. No. 13925-2002, Clause 3.6	P

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Construction Material Testing	Soil	Determination of the California Bearing Ratio (CBR)	BS 1377-4:1990, AMD. No. 13925-2002, Clause 7	P
Construction Material Testing	Soil	Sand replacement method suitable for fine-, medium- and coarse-grained soils (large pouring cylinder method)	BS 1377-9: 1990, AMD. No. 8264-1995, Clause 2.2	S
Construction Material Testing	Soil	Determination of Water (Moisture) Content of soil sample	BS 1377 Part 2:1990, AMD 9027-1996, Clause 3.2	P
Construction Material Testing	Hardened Concrete	Testing hardened concrete-Shape, dimensions and other requirements for specimens and molds	BS EN 12390-1:2021	P
Construction Material Testing	Hardened Concrete	Material Testing hardened concrete making and curing specimens for strength tests	BS EN 12390-2:2019	P
Construction Material Testing	Hardened Concrete	Density of hardened concrete	BS EN 12390-7:2019	P
Construction Material Testing	Hardened Concrete	Compressive Strength of test specimens	BS EN 12390-3:2019	P

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