



Accreditation Scope

Fugro Middle East, NAL 152
Testing Laboratory, (ISO/IEC 17025:2017)

**Fugro Middle East 24B Street, Al Quoz Ind. Area II P.O. Box 2863 Dubai United Arab Emirates , Dubai,
United Arab Emirates**

Issue Date: 04/08/2024

Expiry Date: 13/02/2027

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)
Construction materials and building	Soil	Determination of Dry Density/Moisture Content relationship using 4.5 kg Rammer	BS 1377-4:1990 AMD 13925-2002 Cl. 3.5 & 3.6	P
Construction materials and building	Soil	In Situ Density test by Sand Replacement Method (Large pouring cylinder).	BS 1377-9: 1990 AMD 8264-1995 Cl 2.2	S
Construction materials and building	Soil	Determination of California Bearing Ratio	BS 1377-4 :1990 AMD 13925-2002 Cl.7	P
Construction materials and building	Concrete	Determination of Compressive strength of Hardened Concrete	BS EN 12390-3: 2019	P
Construction materials and building	Concrete	Determination of density of hardened concrete	BS EN 12390-7: 2019	P

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هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



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Construction materials and building	Concrete	Making and curing specimens for strength tests	BS EN 12390-2:2019	P
Construction materials and building	Concrete	Shape, dimensions and other requirements for specimens and molds	BS EN 12390-1:2012	P
Construction materials and building	Site Work	Determination of the penetration resistance using the split-barrel sampler (Standard penetration test - SPT)	BS 1377-9:1990; AMD 8264-1995, Clause 3.3	S
Construction materials and building	Site Work	Soil Sampling	ISO 22475-1:2021 Cl.6	S
Construction materials and building	Site Work	Ground Water Sampling	ISO 22475-1:2021 Cl. 8	S
Construction materials and building	Site Work	Ground water level management	BS EN ISO 22475-1:2021 Cl. 9 & 10	S
Chemical	Ground Water	pH of ground water	BS 1377-3: 2018 +A1: 2021	P
Chemical	Ground Water	Sulphate content of ground water	BS 1377-3: 2018 +A1: 2021 Cl. 7.2, 7.6, 7.8	P

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Chemical	Ground Water	Chloride content of ground water	BS 1377-3: 2018 + A1: 2021 Cl. 9.2	P
Chemical	Soil	Acid soluble sulphate content of soil	BS 1377-3: 2018 + A1: 2021 Cl. 7.2, 7.6, 7.9	P
Chemical	Soil	Water soluble sulphate content of soil	BS 1377-3: 2018 +A1 : 2021 Cl. 7.2, 7.3, 7.6	P
Chemical	Soil	Acid soluble chloride content of soil	BS 1377-3: 2018 + A1 :2021 Cl. 9.3	P
Chemical	Soil	Water soluble chloride content of soil	BS 1377-3: 2018 +A1 : 2021 Cl. 9.2	P
Chemical	Soil	pH of soil	BS 1377-3: 2018 +A1 : 2021 Cl. 12	P
Chemical	Soil	Carbonate content of soil, as percentage of CO2	BS 1377-3: 2018 + A1 : 2021 Cl. 8.3	P
Construction materials and building	Soil	Determination of Liquid limit, Plastic Limit and Plasticity Index (Casagrande)	BS 1377-2: 1990; AMD 9027:1996; Cl. 4.5/5.3/5.4	P
Construction materials and building	Soil	Liquid Limit, plastic Limit and Plasticity Index	BS EN ISO 17892-12:2018	P

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Construction materials and building	Soil	Determination of Particle Size Distribution	BS 1377-2:1990 AMD 9027:1996 Cl. 9.2 / 9.3	P
Construction materials and building	Soil	Determination of Particle Size Distribution	BS EN ISO 17892-4:2016 Clauses, 4.2, 5.2 & 6.1	P
Construction materials and building	Soil	Particle size distribution of fine soils by Hydrometer method	BS 1377-2 :1990 AMD 9027:1996; Cl. 9.5	P
Construction materials and building	Soil	Particle Size distribution by hydrometer	BS EN ISO 17892-4:2016	P
Construction materials and building	Soil	Determination of moisture content	BS 1377: Part 2 :1990; AMD 9027:1996 Cl.3.2	P
Civil engineering	Soil	Determination of water content	BS EN ISO 17892-1:2014	P
Civil engineering	Soil	Determination of particle density	BS EN ISO 17892-3:2015 Clause 5.1	P
Civil engineering	Rock	Preparing Rock Core Specimens and Determining Dimensional and Shape Tolerances	ASTM D4543-2019	P

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Civil engineering	Rock	Unconfined Compressive Strength Test	ASTM D7012:2014 e1 Method C	P
Civil engineering	Rock	Point Load Strength Index of Rock and Application to Rock Strength Classifications	ASTM D5731-16	P
Civil engineering	Rock	Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D 2216- 19	P
Civil engineering	Soil & Rock Description	Rock Quality Designation	BS 5930 :2015 + A1 2020 Section 6, BS EN ISO 22475-1:2006 Cl. 3.3.14.2	S/P
Civil engineering	Soil & Rock Description	Description of soils	BS 5930:2015+ A1 2020 Section 6, BS EN ISO 14688 : 2018 Part 1 & 2	S/P
Civil engineering	Soil & Rock Description	Description & Classification of rocks	BS EN ISO 14689 -1:2018	S/P
Civil engineering	Reporting	Reporting	BS 5930:2015+ A1 2020: Section 10, Cl 63	P
END				

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