

Testing Field	Materials/ Products tested	Type of test	Permanent lab (P)/ Client-site	Test Method (Standard, Internal)	Sites
Construction materials and Building	Aggregate	Relative Density (Specific Gravity) and Absorption of Coarse Aggregate	P	ASTM C 127-15	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Aggregate	Relative Density (Specific Gravity) and Absorption of Fine Aggregate	P	ASTM C 128-15	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Aggregate	Determination of Particle Size Distribution of Aggregate (Sieving Method)	P	BS EN 933-1:2012	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Concrete	Water Permeability of Hardened Concrete	P	DIN 1048-5:1991, Cl. 7.6	P.O. Box : 84618, Al Ain, United Arab
Construction Materials and Building	Concrete	Compressive Strength of Concrete Cubes	P	BS EN 12390-3:2019	P.O. Box : 84618, Al Ain, United Arab
Construction Materials and Building	Concrete	Dimension and shape of hardened concrete	P	BS EN 12390-1:2021	P.O. Box : 84618, Al Ain, United Arab
Construction Materials and Building	Concrete	Density of hardened concrete	P	BS EN 12390-7:2019	P.O. Box : 84618, Al Ain, United Arab
Construction Materials and Building	Concrete	Making and curing specimens for strength tests	P	BS EN 12390-2:2019	P.O. Box : 84618, Al Ain, United Arab
Construction Materials and Building	Concrete	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration (RCP)	P	ASTM C 1202-19	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Concrete	Determination of the Initial Surface Absorption of Concrete (ISAT)	P	BS 1881-208:1996	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Concrete	Determination of Water Absorption of Concrete	P	BS 1881-122:2011+A-2020	P.O. Box : 84618, Al Ain, United Arab
Construction Materials and Building	Soil	Determination of California Bearing Ratio (CBR)	P	BS 1377-4:1990, Cl.7, Amd. 13925-02	P.O. Box : 84618, Al Ain, United Arab
Construction Materials and Building	Soil	Determination of Dry Density/Moisture Content Relationship using 4.5 kg Rammer for Soils with Particles up to Medium-gravel Size and 4.5 kg Rammer for Soils with Some Coarse Gravel-size Particles	P	BS 1377-2:2022 Cl. 11.5 & 11.6	P.O. Box : 84618, Al Ain, United Arab Emirates

Construction materials and Building	Soil	Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³ (2,700 kN-m/m ³)) ¹	P	ASTM D 1557-12R21	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Soil	In Situ Density Test (Sand Replacement Method Suitable for Fine, Medium and Coarse-grained Soils, Large Pouring Cylinder Method)	P / S	BS 1377-9:1990; Cl.2.2, Amd. 8264-95	P.O. Box : 84618, Al Ain, United Arab Emirates
Civil Engineering	Soil	Standard Penetration Test (SPT)	S	ASTM D 1586-18	Client Site
Civil engineering	Soil	Split-Barrel Sampling of Soil	S	ASTM D 1586-18	Client Site
Civil engineering	Rock	Rock Sampling	S	ASTM D 2113-14	Client Site
Civil engineering	Rock	Preparing and Transporting Rock S Core Samples	S	ASTM D 5079-08	Client Site
Civil engineering	Groundwater	Groundwater Monitoring and Sampling	S	BS 5930:2015, Sec. 4, Cl. 26	Client Site
Civil engineering	Rock	Determining Rock Quality Designation (RQD) of Rock Core	P / S	ASTM D 6032/ D6032M-17	P.O. Box : 84618, Al Ain, United Arab Emirates
Civil engineering	Soil	Description and Identification of Soil (Visual-Manual Procedure)	P / S	ASTM D2488-17e1	P.O. Box : 84618, Al Ain, United Arab Emirates
Civil engineering	Soil	Determination of Liquid Limit, Plastic Limit and Plasticity Index of Soil	P	BS EN ISO 17892-12:2018+A2:2022, Cl. 5.4,5.5,6.3,6.4,6.5,7.0 / BS 1377-2:2022 Cl. 5.4, 6	P.O. Box : 84618, Al Ain, United Arab Emirates
Civil engineering	Rock	Preparing of Rock Core as Cylindrical Test Specimen and Verfying Conformance to Dimensional and Shape Tolerances	P	ASTM D 4543-19	P.O. Box : 84618, Al Ain, United Arab Emirates
Civil engineering	Rock	Compressive Strength of Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperature (UCS)	P	ASTM D 7012-14ε1, Method C	P.O. Box : 84618, Al Ain, United Arab Emirates

Civil engineering	Rock	Determining Point Load Strength Index of Rock and Application to Rock Strength Classifications	P	ASTM D 5731-16	P.O. Box : 84618, Al Ain, United Arab Emirates
Civil engineering	Soil	Determination of Water (Moisture) Content of Soil by Mass	P	BS 1377-2:2022 Cl. 4.1 / BS EN ISO 17892-1:2014+A1:2022	P.O. Box : 84618, Al Ain, United Arab Emirates
Civil engineering	Soil	Determination of Particle Size Distribution of Soil (Wet and Dry Sieving Methods)	P	BS 1377-2:2022 Cl. 10 / BS EN ISO 17892-4:2016, Cl. 5.2	P.O. Box : 84618, Al Ain, United Arab Emirates
Civil engineering	Soil	Determination of Particle Size Distribution using Sedimentation by the Hydrometer Method	P	BS 1377-2:2022 / BS EN ISO 17892-4:2016, Cl. 5.3	P.O. Box : 84618, Al Ain, United Arab Emirates
Civil engineering	Soil & Rock	Determination of Water (moisture) Content of Soil & Rock by Mass	P	ASTM D 2216-19	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Soil	Determination of Water Soluble Sulphate Content of Soil	P	BS 1377-3:2018+A1:2021 Cl.7.2, 7.3 & 7.6	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Soil	Determination of Water Soluble Chloride Content of Soil	P	BS 1377-3:2018+A1:2021 Cl. 9.2	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Soil	Determination of pH Value of Soil	P	BS 1377-3:2018 Cl. 12	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Soil	Determination of Acid Soluble Sulphate Content of Soil	P	BS 1377-3:2018+A1:2021 Cl.7.2, 7.6 & 7.9	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Soil	Determination of Acid Soluble Chloride Content of Soil	P	BS 1377-3:2018+A1:2021 Cl. 9.3	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Groundwater	Determination of Sulphate Content of Groundwater	P	BS 1377-3:2018+A1:2021 Cl. 7.2, 7.6,7.8	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Groundwater	Determination of Chloride Content of Groundwater	P	BS 1377-3:2018+A1:2021 Cl. 9.2	P.O. Box : 84618, Al Ain, United Arab Emirates
Construction Materials and Building	Groundwater	Determination of pH Value of Groundwater	P	BS 1377-3:2018+A1:2021 Cl. 12	P.O. Box : 84618, Al Ain, United Arab Emirates
Civil engineering	NA	Reporting	P	BS 5930:2015, Sec. 10	P.O. Box : 84618, Al Ain, United Arab Emirates
Civil engineering	Soil	MASW Streamer Equipment	S	ASTM D5777/D6429/MASW/	Client Site

Civil engineering	Soil	Acquisition procedures on the site	S	ASTM D5777/D6429/MASW/	Client Site
Civil engineering	Soil	Data Processing Software	S	ASTM D5777/D6429/MASW/	Client Site
Construction Materials and Building	Concrete	Determination of carbonation depth in hardened concrete by the phenolphthalein method	P / S	BS EN 14630:2006	P.O. Box : 84618, Al Ain, United Arab Emirates/ Client Site