

Accreditation Scope

Gulf Survey - Sole Proprietorship LLC, (NAL 140)
Testing Laboratory, (ISO/IEC 17025:2017)

Mussafah South, Abu Dhabi, UAE

Issue Date: 06-12-2020

Expiry Date: 16-12-2022

Issue No: 02

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	Field Sampling & Testing	Soil penetration test	*BS 1377- 9:1990 Cl. 3.3, AMD:1995	S
		Soil Sampling	BS 5930:2015, Cl. 25.6	
		Rotary Core Drilling	BS 5930:2015, Sec 6	
		Ground Water Level Measurement	BS 5930:2015, Cl. 52	
		Ground Water Sampling	BS 5930:2015 Cl. 26.4	
	Rock Cores	Rock Quality designation	BS 5930:2015, Cl. 36	P / S
		Core Recovery	BS 5930:2015, Cl. 36	S
	Description & Classification	Description & Classification of Rocks	BS 5930:2015, Sec 6	P / S
		Soil Description	BS 5930:2015, Sec 6	
	Soil	Particle size distribution Wet & Dry sieving	BS EN ISO 17892-4:2016, Cl. 5.2	P
		Determination of Water (Moisture)	*BS 1377-2:1990, Cl. 3.2 AMD. 9027-1996 BS EN ISO 17892-1:2014	
		Sedimentation by the hydrometer method	BS EN ISO 17892-4:2016, Cl. 5.3	
		Liquid limit, plastic limit and plasticity index of soil	BS EN ISO 17892-12:2018, Cl. 5.4, 5.5 & 6.5	
	Rock	Preparation of rock core (Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	ASTM D4543-19	P
		Unconfined Compressive Strength of Rock Core Specimen	ASTM D7012-2014e1, Method C	
Determination of Water (Moisture) Content of Soil and Rock by Mass		ASTM D2216-2019		

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Geotechnical	Soil	Acid Soluble Sulphate Content of Soil	BS 1377-3:2018, Cl. 7.2, 7.6 & 7.9	P
		Water Soluble Sulphate Content of Soil	BS 1377-3:2018, Cl. 7.2,7.3 & 7.6	
		Acid Soluble Chloride Content of Soil	BS 1377-3:2018, Cl. 9.3	
		Water Soluble Chloride Content of Soil	BS 1377-3:2018, Cl. 9.2	
		pH of Soil	BS 1377-3:2018, Cl. 12	
	Ground Water	pH of Ground Water	BS 1377-3:2018, Cl. 12	P
		Sulphate Content of Ground Water	BS 1377-3:2018, Cl. 7.2, 7.6, 7.8	
		Chloride Content of Ground Water	BS 1377-3:2018, Cl. 9.2	
N/A	Reporting	BS 5930:2015, Sec. 10, Cl. 63	P	
Physical	Soil	In Situ Density (Sand Replacement Method Suitable for Fine, Medium and Coarse Grained Soils, Large Pouring Cylinder)	BS 1377-9:1990, Cl. 2,2 AMD 8264-1995	P / S
		Determination of dry density/ moisture content relationship using 4.5Kg rammer for coarse and medium gravel size particles)	BS 1377-4:1990, AMD 13925-02, Cl. 3.5 & 3.6	P
	Aggregates	Determination of aggregate crushing value (ACV)	BS 812-110:1990	P
		Determination of ten percent fines value (TFV)	BS 812-111:1990	
		Determination of particle shape Flakiness index of Coarse Aggregate	BS 812-105.1:1989	
		Determination of particle shape Elongation index of coarse aggregate	*BS 812-105.2:1990	P

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Physical	Aggregates	Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate	ASTM C127:2015	P
		Density, Relative Density (Specific Gravity) and Absorption of Fine Aggregate	ASTM C128:2015	
		Determination of Particle Size Distribution. Sieving Method	BS EN 933-1:2012, Cl. 7	
	Concrete	Testing hardened concrete. Shape, dimensions and other requirements for specimens and molds	BS EN 12390-1:2012	P
		Testing hardened concrete. Making and curing specimens for strength tests	BS EN 12390-2:2019	
		Compressive Strength of Concrete Cube	BS EN 12390-3:2019	
		Testing hardened concrete. Density of hardened concrete	BS EN 12390-7:2019	
	END			

*Not current version of the standard. Standards are superseded / withdrawn.