

Accreditation Scope

Arabesque Laboratory for Soil Testing, NAL089
Testing Laboratory, (ISO/IEC 17025:2017)

Industrial Abu Dhabi City, Abu Dhabi, UAE

Issue Date: 12-06-2021

Expiry Date: 11-06-2024

Issue No: 05

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	Standard Penetration Test (SPT)	BS 1377-9:1990, AMD 8264:1995, Cl. 3.3	S
		Soil Sampling	BS 5930:2015, Section 4, Cl. 25.7	
		Soil and Rock Description	BS 5930:2015, Section 6, Cl. 33 & 36	
	Ground Water	Ground Water Level Mgt.	BS 5930:2015, Section 4 Cl. 26.1, 26.2 & 26.3	S
		Ground Water Sampling	BS 5930:2015, Section 4, Cl. 26.4	
	Soil	Particle Size Distribution	BS EN ISO 17892-4:2016, Cl. 5.2	P
		Determination of Water (Moisture) Content of Soil by Mass	BS EN ISO 17892-1:2014	
	Soil	Liquid Limit, Plastic Limit, and Plasticity Index of Soils	BS EN ISO 17892-12:2018, Cl. 5.4, 5.5 & 6.5	P
		Hydrometer	BS EN ISO 17892-4:2016, Cl. 5.3	
	Rock	Core Recovery	BS 5930:2015, Section 6; Cl. 36.2	P
		Rock Quality	BS 5930:2015, Section 6, Cl. 36.2	
		Liquid Limit, Plastic Limit, and Plasticity Index of Soils	BS EN ISO 17892-12:2018, Cl. 5.3, 5.5 & 6.5	
		Hydrometer	BS EN ISO 17892-4:2016, Cl. 5.3	
		Preparation of Rock Core	ASTM D 4543-19	
		Unconfined Compression Test	ASTM D 7012-14 ^{e1}	P / S
	Determination of Water (Moisture) Content of Soil and rock by Mass	ASTM D 2216-2019		
	N/A	Reporting	BS 5930:2015, Section 10 -Cl. 63	P

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Chemical	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	
		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	
	END			