

Accreditation Scope

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

Mussafah, Abu Dhabi, UAE

Issue Date: 20-06-2020

Expiry Date: 12-06-2021

Issue No: 04

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	Soil Penetration Test (SPT)	BS EN ISO 22476-3:2005 +A1:2011	S
		Soil Sampling	BS 5930:2015, Cl. 25.7	
		Soil and Rock Description	BS 5930:2015, Cl. 33 & 36	
	Ground Water	Ground Water Level Mgt.	BS 5930:2015, Cl. 26.1, 26.2 & 26.3	P
		Ground Water Sampling	BS 5930:2015, Cl. 26.4	
	Soil	Particle Size Distribution	BS EN ISO 17892-4:2016, Cl. 5.2	P
	Soil & Rock	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	
		Hydrometer	BS EN ISO 17892-4:2016, Cl. 5.3	
	Rock	Preparation of Rock Core	ASTM D 4543-19	P
		Unconfined Compression Test	ASTM D 7012-14 ^{e1}	
		Determination of Water (Moisture) Content of Soil and rock by Mass	ASTM D 2216-2019	
		Rock Quality	BS 5930:2015, Cl. 36.2	P / S
		Core Recovery	BS 5930:2015, Cl. 36.2	
	N/A	Reporting	BS 5930:2015, Section 10	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			