

Accreditation Scope

Baynunah Laboratories – Sole Proprietorship LLC – Branch 1 (NAL 088)
Testing Laboratory, (ISO/IEC 17025:2017)

Al Ain Industrial, Al Ain, UAE

Issue Date: 05-07-2020

Expiry Date: 08-05-2021

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)
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Physical	Concrete	Determination of Compressive Strength of Concrete Cubes	BS EN 12390-3:2019	P
		Shape, dimensions and other requirements for specimens and moulds	BS EN 12390-1:2012	
		Making and curing specimens for strength tests	BS EN 12390-2:2019	
		determination of Density of hardened concrete	BS EN 12390-7:2019	
	Soil	Density & Unit weight of Soil in Place By Sand- Cone Method	ASTM D1556/D1556 M - 15e1	S
Geotechnical	Soil	Standard Penetration Test (SPT)	ASTM D1586 / D1586M - 18	S
	Rock	Rock Sampling	ASTM D 2113-14	S
	Ground Water	Ground Water level Measurements	BS 5930:2015 Cl.26.1	S
		Ground Water Sampling	BS 5930:2015 Cl.26.4	
	Soil	Standard Practice for Description and Identification of Soils (Visual-Manual Procedures)	ASTM D2488-17	P / S
		Description of Soil	BS 5930:2015 Cl.33.1-33.3	
Rock	Description of Rock	BS 5930:2015 Cl.36.1 & 36.2	P / S	

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Geotechnical	Rock Core	Rock Quality Designation & Rock Core Recovery RQD	ASTM D6032-17	P / S
		Preparing Rock Core Test Specimens	ASTM D4543-2019	P
		Unconfined Compressive Strength of Intact Rock Core Specimen	ASTM D7012-14e1	
	Soil/Rock	Moisture Content for Soil & Rock Samples	ASTM D2216-2019	P
	Soil	Maximum Dry Density & Optimum Moisture Content Relationship	ASTM 1557-2012e1 Modified & ASTM D698-2012e2	P
		Determination of Particle Size Distribution of Soil	ASTM D 6913/D6913M-17	
		Hydrometer Test	ASTM D 7892-17	
Determination of Liquid Limit, Plastic Limit & Plasticity Index		ASTM D4318-17e1		
Chemical	Soil	Determination of Acid Soluble Sulphate Content	BS 1377-3:2018; Cl. 7.9, 7.6	P
		Determination of Water Soluble Sulphate Content	BS 1377-3:2018, Cl. 7.3, 7.6	
		Determination of Acid Soluble Chloride Content	BS 1377-3:2018; Cl. 9.3	
		Determination of Water-Soluble Chloride	BS 1377-3:2018; Cl. 9.2	
		Determination of pH Value	BS 1377-3:2018; Cl. 12	

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Chemical	Ground Water	Determination of pH Value	BS 1377-3:2018; Cl. 12	P
		Determination of Ground Water Sulphate	BS 1377-3:2018; Cl. 7.8, 7.3.4.4 & 7.6	
		Determination of Chloride Content of Ground Water	BS 1377-3:2018; Cl. 9.2	
Geotechnical	N/A	Reporting	BS 5930:2015 Cl 63	P
END				