

# Accreditation Scope

**Al Madeena Engineering Laboratory For Soil & Materials Testing, NAL 143  
Testing Laboratory, (ISO/IEC 17025:2017)**

**Industrial Area 17, Sharjah, UAE**

**Issue Date: 10-05-2020**

**Expiry Date: 09-05-2023**

**Issue No: 01**

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)
Physical Material Testing	Concrete Cubes	Method of normal curing test (20 °C method)	BS 1881-111:1983; AMD 9387/97 Superseded, Withdrawn BS EN ISO 12390-2:2019	P
		Shape, dimensions and other requirements for specimens and moulds	BS EN ISO 12390-1:2012	
		Method of determination of density of hardened concrete	BS 1881-114:1983 Superseded, Withdrawn BS EN ISO 12390-7:2019	
		Method of determination of compressive strength of concrete cubes	BS 1881-116:1983; AMD 6720/91 Superseded, Withdrawn BS EN ISO 12390-3:2019	
	Masonry Blocks	Determination of dimension & compressive strength of masonry blocks	BS 6073-1:1981 App. A. AMD 4462/84 BS 6073-2:1981 App. B. AMD 4508/04	P
	Soil	Determination of in-situ density by sand replacement method	BS 1377-9:1990, Cl. 2.2, Amd. 8264/95	P / S
		Determination of dry density- moisture content relationship using 4.5 kg rammer for coarse and medium gravel size particles	BS 1377-4:1990, Cl. 3.6 &3.5	P
Geotechnical	Soil	Determination of standard penetration test (SPT)	BS 1377-9:1990 Partially replaced, Superseded BS EN ISO 22476- 3:2005+A1:2011	S

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Geotechnical	Soil	Soil sampling	BS 5930:2015, Cl.25.6	S
	Ground Water	Ground water sampling and level measurement	BS 5930:2015, Cl.26.4 & Cl.52	S
	Soil & Rock	Soil & rock description	BS 5930:2015, Cl.33 & Cl.36	P / S
	Core	Core recovery	BS 5930:2015, Section 6	P / S
		Rock quality designation	BS 5930:2015, Section 6	
	Soil	Determination of particle size distribution	BS 1377-2:1990, Cl.9.2 & 9.3 (Amd. 9027/96) Partially replaced, Superseded	P
Reporting	Code of practice for site investigation geotechnical reporting	BS 5930:2015, Section 10	P	
<b>END</b>				