SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY ME LIMITED ABU DHABI
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CONSTRUCTION MATERIALS

Valid To: F/MC5o-19 /MCID 34 BDC q38.8 427.32 282.721 14.76 reW nBT11.04 -0 0 11.04 243.84 431.88 Tm( )T

BS 812-109	Moisture content - oven dry method
BS 812-110	Aggregate crushing value - particle size 10mm and greater
Ten per cent fines value - dry - particle size 10mm and greater	BS 812-111
BS 812-112	Aggregate impact value - dry
BS 812-117 Appendix C	Acid soluble chloride salt content
BS 812-118	Total sulphate content by acid extraction

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Test:	**Test Method(s):**
Aggregates (continued)	
ASTM C117	Materials finer than 75µm (No 200) in mineral aggregates by washing
ASTM C127	Specific gravity and absorption of coarse aggregates
ASTM C128	Specific gravity and absorption of fine aggregates
ASTM C131/C131M	Resistance to degradation of small-size coarse aggregate by abrasion and impact in the Los Angeles Machine
ASTM C136/C136M	Sieve analysis of fine and coarse aggregates
ASTM C142/C142M	Clay lumps and friable particles in aggregates
ASTM C535	Resistance to degradation of large-size coarse aggregate by abrasion and impact in the Los Angeles Machine
ASTM C566	Total evaporable moisture content by drying
Bituminous:	
ASTM D2726/D2726M	Bulk specific gravity and density of compacted bituminous mixtures
ASTM D3549/D3549M	Thickness of compacted bituminous paving mixture specimens
ASTM D5444	Mechanical size analysis of extracted aggregates
ASTM D6307	Asphalt content of hot-mix asphalt by ignition method
ASTM D6926	Preparation of bituminous specimens using Marshall apparatus
ASTM D6927	Marshall stability and flow
Concrete:	
BS 1881-101[1]; ASTM C172/C172M[1]; BS EN 12350-1[1] BS 1881-	Sampling fresh concrete on site

Test:	**Test Method(s):**
Concrete (continued)	
BS EN 12390-7	Density
BS EN 12504-1	Compressive strength of cores
BS EN 12504-1[1]	Cored Specimens - taking
EL-M-OP-CMT-AUH-MD001[1]	Sampling of concrete by dust drilling
ASTM C1064/C1064M[1]; BS 5328-4[1]	Temperature
ASTM C1202	Rapid chloride permeability
RILEM CPC 11.1	Absorption of water by immersion
DIN 1048-5	Water permeability
BS1881-124: Clause 12.1	Acid soluble chloride salt content
BS1881-124: Clause 12.2	Total sulphate content by acid extraction
Soils	
BS 1377-2: 1990,	