



Test Method Coverage

QEST Web App



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Soil and Aggregate Field Testing

Method	Name
BS 1377-9:1990	
Clause 2.2	In-situ density by sand replacement
Clause 2.5	In-situ density by nuclear method
Clause 4.1	Incremental plate loading test (Including calculations from DMRB Vol.7 IAN 73/06)
In House Methods	
In House Method	Dynamic cone penetrometer test
In House Method	Equivalent CBR derived by plate bearing test (based on DMRB Vol.7 IAN 73/06)
In House Method	Hand shear vane test

Soil and Aggregate Laboratory Testing

Method	Name
BS 1377-2:1990	
Clause 3.2 (withdrawn)	Moisture content by oven drying
BS 1377-2:2022	
Clause 4	Determination of water content (referencing BS EN ISO 17892-1:2014)
Clause 5.2	Liquid limit (fall cone multipoint) (referencing BS EN ISO 17892-12:2018)
Clause 5.3	Liquid limit (fall cone one-point) (referencing BS EN ISO 17892-12:2018)
Clause 6	Plastic limit and plasticity index (referencing BS EN ISO 17892-12:2018)
Clause 9.2	Determination of particle density (gas jar method)
Clause 10	Particle size distribution by hydrometer method (referencing BS EN ISO 17892-4:2016 Clause 5.3)
Clause 10	Particle size distribution by sieving method (referencing BS EN ISO 17892-4:2016 Clause 5.2)
Clause 11.3	Dry density/water content relationship using 2.5 kg rammer with 1L mould
Clause 11.4	Dry density/water content relationship using 2.5 kg rammer with CBR mould
Clause 11.5	Dry density/water content relationship using 4.5 kg rammer with 1L mould
Clause 11.6	Dry density/water content relationship using 4.5 kg rammer with CBR mould
Clause 11.7	Dry density/water content relationship using vibratory rammer
Clause 13.4	Moisture condition value of a specimen of soil at its natural water content
Clause 13.5	MCV/water content relation of a soil
BS EN ISO	
17892-1	Determination of water content
17892-4 Clause 5.2	Particle size distribution by sieving method
17892-4 Clause 5.3	Particle size distribution by hydrometer method
17892-12	Liquid and plastic limits, plasticity index (fall cone, one-point and multipoint)
BS EN	
933-1	Particle size distribution by sieving method
1097-2 Clause 5	Resistance to fragmentation by the Los Angeles method
1097-5	Water content by drying in a ventilated oven
1097-6 Clause 7	Determination of particle density and water absorption (wire basket method)
13286-46	Moisture condition value

Concrete Field Testing

Method	Name
BS EN	
BS EN 12350-1	Fresh concrete sampling
BS EN 12350-2	Slump flow
BS EN 12350-5	Flow table test
BS EN 12350-6	Fresh concrete density
BS EN 12350-7	Air content – pressure methods
BS EN 12390-2	Compressive strength specimen making and curing
BS EN 12504-1	Taking cored specimens
In House Method	Temperature measurement

Concrete Laboratory Testing

Method	Name
BS EN	
BS EN 12390-3	Compressive strength of test specimens
BS EN 12390-5	Flexural strength of test specimens
BS EN 12390-7	Density measurement, weight (mass), volume
BS EN 12504-1	Core compressive strength

Asphalt Field Testing

Method	Name
In House Methods	
In House Method	In-situ density of bituminous material by nuclear method



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