

Section	Sub Section	Test	Standard#	Document Name/Title
SOIL	SOIL/Lab	Atterberg Limits	BS 1377-2:1990 M#4.5 &5.4	Methods of test for soils for civil engineering purposes. Classification tests (Atterberg Limit)
		CBR BS	BS 1377-4:1990 M#7	Methods of test for soils for civil engineering purposes. Compaction-related tests (CBR- California Bearing Ratio) BS Method
		CBR CML	CML 10-97 (CML)	Methods of test for soils for civil engineering purposes. Compaction-related tests (CBR- California Bearing Ratio) QCS Method
		Consolidated Properties	ASTM D 6528-07	Consolidated undraied dorect shear for cohive soils
		Electric Resistivity	ASTM G 57-95a	Determination of soil resistivity
		Hydrometer	ASTM D 422	Hydrometer
		Linear shrinkage	BS 1377-2:1990	Methods of test for soils for civil engineering purposes.Determination of linear shrikgage
		MDD BS	BS 1377-4:1990 (M#3 CI.3.5 & 3.6)	Methods of test for soils for civil engineering purposes. Compaction-related tests (MDD & Moisture Content Rel.) BS Method
		MDD CML	CML 12-97 (CML)	Methods of test for soils for civil engineering purposes. Compaction-related tests (MDD & Moisture Content Rel.) QCS Method
		MDD Vibrator	BS 1377-4:1990 M#4.2	Determination of Maximum & Minimum Density for Sand Material at Site - Vibrating Hammer Method
		Moisture Content (BS)	BS 1377-2:1990 M#3	Methods of test for soils for civil engineering purposes. Classification tests. (Moisture Content)
		Permability Constant Head	ASTM D 2434-68(2006)	Permeability of granual soil- constant head
		Permability Falling Head	BS 1377-7 Test 4	Determination of Shear strength by direct Shear (in small shear box)
		Sand Equivalent	BS 1377-3 C9 BSEN 933-8	Sand Equivalent Sand Equivalent
		Sieve Analysis	BS 1377-2:1990 (M#9 CI.9.2)	Methods of test for soils for civil engineering purposes. Classification tests. Sieve Analysis (Backfill)
				Methods of test for soils for civil engineering purposes. Classification tests. Sieve Analysis (Rock Fill)
				Methods of test for soils for civil engineering purposes. Classification tests. Sieve Analysis (Sand)
				Methods of test for soils for civil engineering purposes. Classification tests. Sieve Analysis (Sub Base)
		Specific Gravity	ASTM D854-10	Standard Test Methods for Specific Gravity of Soil Solids by Water Pycnometer
			BS 1377-2:1990 M#8 ASTM D 1556	Standard Test Methods for Specific Gravity of Soil Solids by Water Pycnometer Test Method for Density and Unit Weight of Soil
Triaxial Shear in Soil	BS 1377-7:1990	Determination of Shear strength by direct Shear (total stress)		
	ASTM D 2166-06	Unconfined Comp Test For cohesive soils		
MDD	ASTM D1557-02	Dry Density/Moiture Content Relation (4.5 Kg Remmer)		

SOIL	SOIL/Lab			
		CBR	ASTM D 1883	CBR (California Bearing Ratio) of Laboratory- Compacted Soils
		Moiture Content	BS 812-109	Moiture Content - Speedy Moiture Content
			ASTM 4944	Moiture Content - Speedy Moiture Content
		One-Dimensional Consolidated Prop.	BS 1377 Part5 Test 3	Determination of one-Dimensional Consolidated Properties of Soil
			ASTM D 2435	Determination of one-Dimensional Consolidated Properties of Soil
		Undrained Shear Stngt	BS 1377 Part7 Test8	Determination of the undrained shear strength in triaxial compression withput measurement of pore pressure (Definitive method)
		Soil Resistivity	ASTM G 57-95a	Soil Resistivity
			ASTM 5334-08	Standard Test Method for Determination of Thermal Conductivity of Soil and Soft Rock by Thermal Needle Probe Procedure
		Compressive Strength of Intact Rock Core	ASTM D2938	Test Method for Unconfined Compressive Strength of Intact Rock Core
		Strength index & Application to Rock	ASTM D5731	Determination of the point load strength index of rock and application to rock strength classification
		Compressive Strength & Elastic Moduli	ASTM D7012	Standard test Method for Compressive Strength and Elastic Moduli of Intact rock core Specimens under varying state of stress and temp
		Coring /Preparing Rock Core	ASTM D4543	Coring/Preparing rock core as cylindrical test specimance to dimentional and shape tolerance
		Direct Shear in Rocks	ASTM D5607	Direct Shear in Rocks
		Swelling Potential	ASTM D4546	Swelling Potential
		Density of Undisturbed sample	BS 1377-2	Density of Undisturbed sample
		Direct Shear(Soil)	#REF!	#REF!
		Compressive Strength & Elastic Moduli (uni axial)	ASTM 3148	Standard test Method for Compressive Strength and Elastic Moduli of Intact rock core Specimens in Uniaxial compression
	Soil/Site	DISSIPATION	BRI-258	Determination of Dissipation Test
		FDT Nuclear Gauge	ASTM D6938-08A	Methods for test for soils for civil engineering purposes. In-situ tests (FDT by Nuclear Gauge)
			BS 1377-9 (C 2.5)	In-Situ Density Test (Nuclear Gauge Method)
		FDT Sand Replacemebt	BS 1377-9:1990 M#2	Methods for test for soils for civil engineering purposes. In-situ tests (FDT Sand Replacement Method)
		Permeability	BS 5930: 1999	Determination of Permeability Test (Constant Head Test) - Gibson Method
		Permeability Soakaway	BRE Digest 365: 1991	Determination of Permeability Test (Soak Away Design)
		Plate Bearing	BS 1377-9:1990 M#4	Methods for test for soils for civil engineering purposes. In-situ tests (Plate-Bearing Test)
		Thermal Conductivity	ASTM D 5334-08	Determination of thermal Conductivity
		Thermal Resistivity	ASTM D57	Determination of Soil themal resistivity