

GEOTECHNICAL LABORATORY TESTING RATES

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Local collection at no cost
5 day turnround for routine testing
3 day turnround available depending on workload

SCHEDULE A - SAMPLE DESCRIPTION AND CLASSIFICATION - BS 1377 PART 1&2

Ref.	Test	Unit	Rate
A1	Natural moisture content determination	each	5.00
A2	Bulk density, moisture content and hand shear vane test on undisturbed sample	each	17.50
A3	Liquid and plastic limit, plasticity index: Four point method by cone penetrometer	each	28.00
A4	a) Linear shrinkage b) Linear shrinkage, shrinkage limit and specific shrinkability. (Modified TRRL/Head 1980 method)	each each	28.00 40.00
A6	Particle density determination	each	28.00
A7	a) Sieve analysis, (wet) b) Extra over for coarse analysis on large bulk samples (5kg +)	each each	28.00 10.00
A8	a) Particle size distribution by hydrometer analysis. b) Extra over for organic pre-treatment.	each each	28.00 28.00

SCHEDULE B - COMPACTION TESTS - BS 1377 PART 4

Ref.	Test	Unit	Rate
B1	Moisture content/dry density relationship determination, 2.5kg method: a) Proctor mould size specimen b) CBR mould size specimen	each each	60.00 70.00
B2	Moisture content/dry density relationship determination, 4.5kg method: a) Proctor mould size specimen b) CBR mould size specimen	each each	70.00 80.00
B3	Moisture content/dry density relationship, determination by vibrating hammer method.	each	80.00
B4	Maximum density determination	each	30.00
B5	Minimum density determination	each	30.00
B6	Moisture condition value test: single point calibration using five points	each each	30.00 90.00
B7	Determination of CBR value at natural moisture content, including compaction: a) 2.5kg method b) 4.5kg method c) extra over for test at specific moisture content Extra over for soaking up to 4 days	each each each each	50.00 60.00 20.00 25.00
B8	CBR test on specimen compacted for moisture content/dry density relationship. Both ends	each	20.00
B9	Undisturbed CBR	each	30.00

SCHEDULE C - SOIL STRENGTH TESTS - BS1377 PART 7&8

Ref.	Test	Unit	Rate
C1	Direct shear test on 60mm square undisturbed or recompacted specimen:	specimen	25.00
		specimen	75.00
C2	Unconfined compressive strength:	test	27.50
		test	27.50
C3	Quick undrained triaxial compression test on undisturbed samples:	test	30.00
		test	30.00
		test	36.00
		test	36.00
C4	Point Load Tests on rock core or lumps	test	5.00
C5	Uniaxial compressive strength of rock core	test	45.00

SCHEDULE D - SOIL COMPRESSIBILITY & PERMEABILITY TESTS - BS 1377 PART 5

Ref.	Test	Unit	Rate
D1	Oedometer consolidation test including five loading increments / decrements, up to 1600kN/m ²	test	85.00
		test	15.00
		day	15.00
		stage	20.00
		test	20.00
		stage	10.00
D2	Permeability by constant head test in permeameter. Saturation and test duration up to 24 hours:	test	90.00
		test	25.00
		day	20.00
		test	100.00
D3	a) Coefficient of permeability in triaxial cell using two back pressures* b) As above, single back pressure	test	125.00
		test	100.00

SCHEDULE E - EFFECTIVE STRESS TESTS BS 1377 PART 8

Ref.	Test	Unit	Rate
E1	a) Consolidated undrained with PWP measurement triaxial on 102mm diameter specimen, multistage* b) As above, single stage c) Consolidated drained measurement triaxial on 102mm diameter specimen, multistage* d) As above, single stage	test	235.00
		test	125.00
		test	220.00
		test	125.00



Free local pick up service



5 day turnaround of routine tests