

Schedule for Testing of Materials

For ensuring quality control and workmanship, various test prescribed below corresponding to the material concerned shall be taken as periodic intervals as stipulated below..

The Material shall be got tested at GERI or Govt. recognized Laboratory or field Laboratory of GERI for which 1 % of the estimated amount put to tender shall be recovered from the contractor from the R.A. Bill and Final Bills as the testing charges shall be paid by the Govt. to the Laboratory. However if the charges increase over 1 % no excess recovery shall be made from the contractor as per resolution of B&C department dated 10th May 1985, vide TNC/1085 (4) S.

Item No. as per Sch. B	Brief Description of Materials to be tested	Qty. of Material	Prescription of test which shall be carried out	Frequency @ which test shall be carried out	Total No. of Test to be carried out
	Coarse Aggregate (Metal, Kapchi, Gravel etc.)		<ul style="list-style-type: none"> - Gradation test - Impact Value - Flakiness Index - Water absorption - Stripping Value 	1 to 100 Cum – 1 test 100 to 500 – 3 tests 500 to 1500 – 5 tests 1500 to 5000 – 7 tests	
	Grit		<ul style="list-style-type: none"> - Stripping Value 	One test per work	
	Sand		<ul style="list-style-type: none"> - Gradation - Fineness Modulus - Specific gravity - Water absorption - Silt – Content 	One test per 150 Cum or as per requirement of relevant specification	
	Tiles		<ul style="list-style-type: none"> - Dimension Test - Transverse strength - Water Absorption - Abrasion Test 	One test per 2000 tiles	
	Teakwood		<ul style="list-style-type: none"> - Anatomy Test - Density Test - Moisture Content Test 	One test per work	
	Bricks		<ul style="list-style-type: none"> - Dimension and tolerance - Water absorption - Effluence - Compressive Strength 	1 Test @ 50,000 Bricks	
	Cement		<ul style="list-style-type: none"> - Consistency - Setting Time - Compressive Strength - Fineness - Chemical analysis - Soundness 	Up to 50 MT 1 Test 50 – 100 MT 2 Test 100 – 200 MT 3 Test 200 – 300 MT 4 Test 300 – 500 MT 5 Test 500 – 800 MT 6 Test 800 – 1300 Mt 7	

				Test and 8 test for larger consignment	
	Steel		<ul style="list-style-type: none"> - Tensile Strength - Yield Stress - Elongation - Size 	One test/40 tonnes/per category	
	C.C. Cube test 1:2:4		- Compressive Strength	1 to 5 Cum. 1 Test. 6 to 15 Cum. 2 Test. 16 to 20 Cum. 3 Test. 21 to 50 Cum. 4 Test 51 & Above Cum. 4 + 1 for each additional 50Cum or part thereof	
	Aluminum Sections		- Gauge, Section	One Test for each section	

Testing Charges shall be born by Govt. No refund be made or extra charge over 1 % shall be recoverable form the contractor.

Deputy Executive Engineer
Panchayat (R&B) Sub Division ,
Mangrol.

Executive Engineer
Panchayat (R&B) Division,
Surat.