

Name of Work:-

The materials shall be got tested at Government recognized Laboratory, (R&B) or field Laboratory of GERI (R&B) for which estimate amount put to Tender shall be recovered from the contractor from the R.A. bills and final bills at the testing charges to the GERI by the Government. However, if the charges increase over 1% no excess recovery shall be made from the contractor. Resolution of B & C Department dated 10th May 1985 Vide TNC/1085 (4)s.

SCHEDULE FOR TESTING OF MATERIALS

Sr. No.	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
1	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
2	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
3	Bricks		<ul style="list-style-type: none">- Dimension and tolerance- Water absorption- Effluence- Compressive Strength	1 Test @ 50,000 Bricks
4	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
5	Steel		<ul style="list-style-type: none">- Tensile Strength- Yield Stress- Elongation- Size	One test/ 40 tonnes/ per each category

6	C.C. Cube		- 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
7	Water	-	-	One Test for each source

The Contractor shall have to pay 1% of the estimate cost put to tender towards all testing of materials and the same shall be deducted from their bills for the works. The testing of various materials shall be carried out in GERI or Recognised Laboratory at the prevailing per rate and result received shall be binding to all i.e. the contractor and Government. Testing charges shall be recoverable from the contractor. Government no refund be made not extra charges over 1% shall be recoverable from the contractor.

Signature of Contractor

Executive Engineer
Panchayat (R&B) Division
Bharuch