

SCHEDULE FOR TESTING OF MATERIALS

Construction of New 1000 MT Godown Building & other Civil works at Kathlal Taluka, Kheda District

For ensuring quality control and workmanship, various tests prescribed below for materials shall be taken at periodical intervals as stipulated below.

The materials shall be a got tested at Government recognised Laboratory , (R & B) or field Laboratory of GERI (R&B) for which 1 % of the estimated amount put to tender shall be recoverd from the contractor from the RA bills and Final bills at the testing charges shall be paid to the GERI by the Government. However if the charges increse 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. & R & B Department G.R No. SSR - 1092 - 1 B 129/10/C Dated 24-10-1994.

Sr. No	Materials	Qty. of Material	Prescription of test which will be carried out	Frequency @ Which Test shall be Carried out		Total No of Test To Be Taken	
1	Aggregate	1032.69 Cmt	Gradation Test, Impact Value, EI & FI ,Stripping Value	1 to 100 Cmt 101 to 500 Cmt 501 to 1500 Cmt 1501 to 5000 Cmt	1 Test 3 Test 5 Test 7 Test	5	Test
2	Sand	659.28 Cmt	Silt Content Special gravity Water absorption Finesness Modulus Soundness	One Test Per Source		1	Test
3	Bricks	108500 Nos	Water Absorption Effluence Size Compressive Strength	One Test Per 50000 Bricks		3	Test
4	Cement	354.570 MT	Consistency Setting Time Compressive Strength Fineness Chemical analysis Soundness	As Per GERI Manual 2002 Up to 50 T 100 T 200 T 300 T 500 T 800 T 1300 T For Large	1 Test 2 Test 3 Test 4 Test 5 Test 6 Test 7 Test 8 Test	5	Test
5	Steel	80.880 MT	Tensile Strength Yield Stress Elongination Size	1 Test / 40 Tonnes Per Category		As Per Cat.	Test / 40 Tonnes Per Category
6	C.C Cube M75 M50 M150 M200 M250	Cmt 103.00 Cmt 110.00 Cmt 32.00 Cmt 430.00 Cmt 306.00 Cmt Cmt	Compressive Strength (I.S 516-1959)	<u>Qty In CUM</u> 1 to 5 6 to 15 16 to 30 31 to 50 51 And Above (For each additional 50 Cum	<u>Test</u> 1 2 3 4 4+1	Test 6 Test 6 Test 4 Test 12 Test 10 Test 0 Test 0 Test	
7	Water		Suspended Solids (IS 3025 Part 17) Sulphets (IS 3025 Part 24) Chlorides (IS 3025 Part 32)	Sample taken at each source tested at an approval test house		1	Nos.

Note :

- 1 Number of tests may be varying as per the actual work executed on site.
- 2 This Testing Schedule is for reference only, additional material and number of tests to be followed by MORTH Guideline & Engineer in charge.

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