

Name of work:- SR to District (R&B) Division office at Rajkot (Pro. Colour work, putty, China mosaic, Sanitary fitting work, plumbing work, oil paint, roller curtain and misc. civil work) Job No. City / Raj / SR / NR / 2025-26/13 and Compound wall and paver block and misc. civil work) Job No. City / Raj / SR / NR / 2025-26/11 (2nd Attempted)

Statement of laboratory test to be carried out during execution of work as per Govt. in (R&B) Dept. Sachivalaya Gandhinagar No. S.R.R./1083/Q.C./5415/DT.20-2-1993.

MATERIAL TEST SCHEDULE

Tender item	Description of item in brief	Material to be tested	Test Qty	Name of laboratory Test	Frequency	Total no. of Test	Remark
--	Cement	Cement	45.000 MT	a) Initial setting time b) Compressive strength c) Consistency d) Fineness e) chemical analysis f) Specify gravity	Upto 50 MT – 1 test 50 to 100 MT – 2 test 101 to 200 MT – 3 test 201 to 300 MT – 4 test 301 to 500 MT – 5 test 501 to 800 MT – 6 test	As per frequency receipt of materials 6 + 1 test = 7 test	As per receipt of materials
	Sand	All cement work Sand	Cum	1. Fineness modules 2. Clay and fins silt 3. specified gravity 4. Bulk design 5. Soundness	1/150 M ³ for concrete for as per specification	As per frequency 12.00	--

Tender item	Description of item in brief	Material to be tested	Test Qty	Name of laboratory Test	Frequency	Total no. of Test	Remark
All cement items	Bricks	Bricks	Nos.	a) Consistency b) Water absorption c) Salt efflonce d) Dimension tolerance	1 sample every 50000 Nos.	As per frequency	
	Water in all cement item	Water	--	a) Potability b) Salinity c) Chemical analysis	One test for approval of sources	As required while execution	
	Cement Concrete	C.C. Cube	Cum	Compressive strength	Qty of CC Cubes	34– No. of Test	As per frequency
		M-15	Cum		1-5	1 test	5
		M-20	Cum		6-15	2 test	14
		M-25	Cum		16-30	3 test	11
		1:2:4	Cum		31-50	4 test	5
					51 & above	4+1 for each addl. 50 Cum	
	TMT	FE-500D Steel	900.00 Kg.	1. Tensile strength 2. Elongation 3. Yield stress 4. Size	One test for each category and change of factory	As per frequency	

Tender item	Description of item in brief	Material to be tested	Test Qty	Name of laboratory Test	Frequency	Total no. of Test	Remark
	Crushed metal	Crushed metal	As per requirement during execution Cum	1. Gradation 2. Water absorption 3. Frankness index 4. Impact value 5. Abrasion value 6. Soundness	1 Sample / 150 Cum	As per frequency 5 2 1	
	Paving Block M-300,	Paving block	Sqmt	1. Compressive strength	1 Sample / 500 Sqmt	As per frequency 7.00	

Note : The above material shall be supplied by the Contractor at his own cost to the Government Laboratory (G. E.R.I.) as per Schedule mentioned above directed by the Engineer-in-charge 1.00% (One percent) of the estimated cost after deducting the controlled material as per “Schedule “A” of this agreement shall be deducted from the bills of the contractor as per Government Instruction all testing charges shall be paid by the Department.

**Deputy Executive Engineer
City (Building) Sub Division
Rajkot**

**Executive Engineer
City (R&B) Division
Rajkot**