

Name of work:- Providing parking facilities in existng ground of college of dairy science, Shedubhar, Amreli.

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	863.00 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 6 + 1 test = 7 test	As per receipt of materials
	Sand	All cement work Sand	1800.00 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
	Bricks	Bricks	524500.00 Nos.	a) Consistency b) Water absorption c) Salt efflonce d) Dimension tolerance	1 sample every 50000 Nos.	As per frequency	
All cement items	Water in all cement item	Water	--	a) Potability b) Salinity c) Chemical analysis	One test for approval of sources	As required while execution	
	TMT	FE-500Steel	171.738 M.T.	1. Tensile strength 2. Elongation 3. Yield stress 4. bends & rebend test	One test for each category and change of factory	As per frequency	
	Cement Concrete	C.C. Cube M-15 M-20 M-25 1:2:4	1541.10 Cum 193.00 Cum 615.00 Cum 733.10 Cum 26.00 Cum	Compressive strength	Qty of CC Cubes 1-5 6-15 16-30 31-50 51 & above	34- No. of Test 1 test 2 test 3 test 4 test 4+1 for each addl. 50 Cum	As per frequency 7 13 18 3

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 40 mm 40 to 63 mm 20 mm	Crushed metal 176.56	As per requirement during execution	1. Gradation 2. Water absorption 3. Frankness index 4. Impact value 5. Abrasion value 6. Soundness	1 Sample / 150 Cum	As frequency 5 2 1	per
	Paving Block M-200, 60mm thick	Paving block	326.00 Sqmt	1. Compressive strength	1 Sample / 500 Sqmt	As per frequency 7.00	
	Murrum	Murrum	37.00 Cum	(1) Atterburgs Limit (2) P.I. Valve	1 test per 50 Cum or Change of quarry.	As required	

Signature of Contractor

**Executive Engineer
Kamdhenu University**