

**Name of Work :- Addition to New building for Family Court at Godhra Dist.
Panchmahal**

TEST SCHEDULE

Sr. No.	Name of Materials	Type of Test To be Performed	Qty	Frequency of Test As per Govt. Circular (For all Type of tests).	No of Test Reqd.
1	2	3	4	5	6
				Nos. of Test	
1	M.C. Kapchi 10 to 20 mm	1 Agg. Impact Value 2 Gradation 3 Flakiness Index 4 Abrasion Test 5 Crushing Test	- Cum	100 Cum 1 101-500 Cum 3 501-1500 Cum 5 1501-5000 Cum 7 5001 to 8000 Cum	-
2	Murum	1 PlastiConstn Limit 2 Liquid Limit	- Cum	1501-5000 Cum 7	-
3	Bricks	1 Dimention 2 Efflorescence 3 Water absorption 4 Compressive Strength	- Nos.	20 Bricks upto 10000 Nos 32 Bricks upto 35000 Nos 50 Bricks upto 50000 Nos	-
4	Steel TMT Fe-500D	1 Bend Rebend IS 1599-1960 2 Tensile, yield elongation IS 1608-1972 3 Dimension Test 4 Ultimate Test	- M.T.	1 test per 40 Tonne for each category	1 test per each category
5	Cement	1 Consistency 2 Setting time 3 Compressive Strength 4 Fineness 5 Chemical Analysis I.S. 4032-968	- M.T.	50 MT 1 51 to 100 MT 2 101 to 200 MT 3 201 to 300 MT 4 301 to 500 MT 5 501 to 800 MT 6 801 to 1300 MT 7	-
6	Concrete Cube (For All Grade of Concrete Ordinary / Controlled) C.C. 1:3:6 & C.C. 1:2:4 CC- M-150 CC- M-300 CC- M-200 CC- M-250	Compressive Strength		1 to 5 Cum 1 6 to 15 Cum 2 16 to 20 Cum 3 21 to 50 Cum 4 51 above Cum 4+1 Each 50 Cu.M part thereof	-
			0.00		

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1	2	3	4	5	6
				Nos. of Test	
7	Sand	1 Silt Content 2 F.M	-	150 to 5000 Cum 7 5000 to 8000 Cum 9	-
8	Water	1 Chemical Analysis	-	1 Test / 1 Source	1
9	Crushed Metal 25 to 40mm nominal size	1 Agg. Impact Value 2 Gradation 3 Flakiness Index 4 Abrasion Test 5 Crushing Test	-	100 Cum 1 101-500 Cum 3 501-1500 Cum 5 1501-5000 Cum 7	-
10	Teak wood	1 Anatomy test 2 Density test 3 Moisture content test	Sq.mt.		
11	Tiles	1 Dimension test 2 Transverse strength 3 Water Absorption 4 Abrasion test	- Sq.mt.		

DTP for Approval

Executive Engineer
Godhra (R & B) Division
Godhra