

**Name of Work :- S.R to New Court Building at Godhra, Dist - Panchmahal  
(Water Proofing of Terrace)**

**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
				<b>Nos. of Test</b>	
1	M.C. Kapchi 10 to 20 mm	1 Agg. Impact Value 2 Gradation 3 Flakiness Index 4 Abrasion Test 5 Crushing Test	48.93 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		1501-5000 Cum 7	
3	Bricks	1 Dimention 2 Efflorescence 3 Water absorption 4 Compressive Strength	0 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 Ulitimate Test		1 test per 40 Tonne for each category	1
5	Cement	1 Consistency 2 Setting time 3 Compressive Strength 4 Fineness 5 Chemical Analysis I.S. 4032-968		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. 1:4:8 & C.C. 1:2:4 CC- M-150 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	

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				<b>Nos. of Test</b>	
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	
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	-		
11	Tiles	1 Dimension test 2 Transverse strength 3 Water Absorption 4 Abrasion test	-		

DTP for Approval

Executive Engineer  
Godhra (R & B) Division  
Godhra