

Kachchh Panchayat R&B Division Bhuj - Kachchh

**NAME OF WORK: CONSTRUCTION OF HALL AT RAMDEVPIR TEKRI, HABAY VILLAGE
TA.BHUJ(DMF/2024-25)**

SCHEDUL FOR MATERIALS TESTING

Item No.	Brief Description of material to be tested	Prescription of Test which shall be carried out	Frequency @ which test shall be carried out	App.Qty of Material to be tested	Unit	No of Test
1	M.C. Metal 40 mm nominal size	1 Water Absorption 2 Impact Value 3 Flakiness / elongation Index 4 Gradation	One test per 3000 cms 1 to 100 Cum 1 100 to 500 Cum 3 500 to 1500 Cum 5 1500 to 5000 Cum 7	12.58	Cmt.	1
2	Stone agg. 20 mm size	1 Water Absorption 2 Impact Value 3 Flakiness / elongation Index 4 Gradation	One test per 3000 cms 1 to 100 Cum 1 100 to 500 Cum 3 500 to 1500 Cum 5 1500 to 5000 Cum 7	28.14	Cmt.	1
3	Cement	1 Consistency 2 Setting time 3 Fineness 4 Chemical Analysis 5 Soundness	Up to 50 M ton 1 Test 100 M ton 2 Test 200 M ton 3 Test 300 M ton 4 Test 500 M ton 5 Test	26.54	MT	1
4	C.C. Cube M-200	1 Compressive strength	Qty (cmt) No.s of Test Up to 5 1 6 to 15 2 16 to 30 3 31 to 50 4 51 and above - 1 Test / 50 cmt.	33.10	Cmt.	4
5	Sand	1 Silt content	One test per 150 Cmt. OR One test per source of materials			1 / per source
6	Steel	1 Tensile Strength 2 Elongation 3 Size	One test per 40 M ton per Category	2.14	MT	1 EACH DIA OF BAR
7	Water		One test per work			1

**Dy. Executive engineer
R. & B. (P) Sub division
Bhuj- Kachchh**

**Executive Engineer,
Panchayat R & B Division.
Bhuj - Kachchh**