

Kachchh Panchayat R&B Division Bhuj - Kachchh

NAME OF WORK : CONST. OF AANGANWADI BUILDING AT CHITROD - 05 VILLAGE OF RAPAR
TALUKA.

SCHEDUL FOR MATERIALS TESTING

| Ite m No. | Brief Description of material to be tested | Prescription of Test which shall be carried out | Frequency @ which test shall be carrie out | App.Qty of Material to be tested | Unit | No of Test |
|-----------------|--|---|---|--|------|-----------------------------|
| 1 | M.C. Metal 40 mm nominal size mm size | 1 Water Absorption 2 Impact Value 3 Flakiness / elongation Index 4 Gradation | One test per 3000cms 1 to 100 Cum 1 100 to 500 Cum 3 500 to 1500 Cum 5 1500 to 5000 Cum 7 | 106.25 | Cmt. | 1 3 |
| 2 | Stone agg. 20 mm size | 1 Water Absorption 2 Impact Value 3 Flakiness / elongation Index 4 Gradation | One test per 3000cms 1 to 100 Cum 1 100 to 500 Cum 3 500 to 1500 Cum 5 1500 to 5000 Cum 7 | 37.19 | Cmt. | 1 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 | 20.65 | 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. | 43.76 | 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 | 3.29 | MT | 1 EACH DIA OF BAR |
| 7 | Water | 1 Chemical Test | One test per work | | | 1 |

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

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