

### SCHEDULE FOR TESTING OF MATERIALS (BUILDING)

For ensuring quality control and workmanship, various tests prescribed below corresponding to the material concerned shall taken as periodic intervals as stipulated below.

The Material shall be got tested at GERI or Govt. recognized Laboratory or filed Laboratory of GERI for which 1% of the estimated amount to tender shall be recovered from the contractor from the R. A. Bill and Final bill as the testing charges shall be paid by the Govt. to the Laboratory. However if the charges increase over 1% no excess recovery shall be made from the contractor as per resolution of B & C department dated 10th May 1985, vide TNC/1085(4) S

Item No. as per Sch. "B"	Brief Description of material to be tested	Prescription of test which shall be carried out	Frequency which test shall be carried out (As per GERI Q.C. Vol. I. 2002)		Qty of materials	Total No. of test to be carried out
1	2	3	4		5	6
1	Coarse Aggregate (Metal, gravel etc.)	Gradation test impact Value, flakiness Index, water absorption, stripping value.	1/150 M³ for concrete or as per Specification		100.1466	1 Test
2	Fine aggregate (Sand)	Gradation fineness modulus, specific gravity. Water absorption, silt content.	1/150 M³ or concrete or as per requirement of relevant specification		117.85	1 Test
3	Bricks	Dimension and tolerance. water absorption, compressive strength efflorescence	1 test per 50,000 Bricks 5 bricks from (Sample) 5 Woks from (Sample) Bricks from (Sample)		5000.00	1 Test
4	Glazed Tiles	Water absorption Transverse strength Abrasion size tolerances.	1/2000 tiles (18 tiles for Sample)		800.00	1 Test
5	Vitrified Tiles	Water absorption Transverse strength Abrasion size tolerances.	1/2000 tiles (18 tiles for Sample)		113.00	1 Test
6	C.C. Cube	Compressive strength (I.S. 516-1959)	Qty of M³ 1 - 5 6-15 16-30 31-50 51 & above	No. of Test 1 test 2 test 3 test 4 test 4+1 For each Addnl. 50M³ or part thereof	-	-
7	Cement	Consistency, setting time, compressive strength, fineness, Chemical analysis Soundness	Upto 50 T 50-100 T 100-200 T 200-300 T 300-500 T 500-800 T 800-1300 T and 8 test for larger consignment	1 test 2 test 3 test 4 test 5 test 6 test 7 test	47.59 T	1 Test
8	Steel (TMT Bar)	Tensile strength yield stress. Elongation	1/40 Tonnes / per category ((8mm, 10mm, 12mm each Bar per 1 test)		-	-
9	Kapachi Grit	Gradation test, impect value, flakiness index, abrasion test, stripping value for asphalt				1 Test
10	Teak Wood	Anatomy test, density tests moisture content test.				1 Test
11	Flush Door					1 Test
12	Paver Block		1 Test per 10,000 Blocks		2038.00	1 Test
13	Pre-cast concrete kerb stone	Compressive strength Dimension			1150.00	1 Test
14	Rajgreen stone	Water absorption Transverse strength Abrasion size tolerances.			884.00	2 Test
15	Kota Stone	Water absorption Transverse strength Abrasion size tolerances.			503.00	1 Test

SIGN OF CONTRACTOR

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