

TESTING CHARGES FOR 2024 - 2025.

MATERIAL TESTING DIVISION, M. E. R. I., NASHIK - 422004

Schedule of Testing charges for 2024-2025 (01-04-2024 to 31-03-2025)

Sr No	Name of Test	UNIT	Rates for 2024-25
			For GOVT.
1	CEMENT (QTY. REQUIRED 15 KG)		
1	Fineness (By Blains Apparatus)	1 Sample	364
2	Specific Gravity	1 Sample	1167
3	Consistancy	1 Sample	452
4	Setting time	1 Sample	766
5	Compressive Strength	1 Sample	576
6	Soundness (Le-Chatlier Method)	1 Sample	1098
7	Soundness (Auto-Clave Method)	1 Sample	957
2	COARSE AGGREGATE (QTY. REQUIRED 50 KG)		
1	Sieve Analysis	1 Sample	365
2	Unit Weight	1 Sample	361
3	Water Absorption and Specific Gravity	1 Sample	770
4	Soundness (5 Cycles)	1 Sample	2348
5	Impact Value	1 Sample	546
6	Abrasion	1 Sample	863
7	Crushing Strength Value	1 Sample	1040
8	Flakiness/Elongation/Angularity Index	1 Sample	725
9	Moisture content	1 Sample	727
3	FINE AGGREGATE (QTY. REQUIRED 50 KG)		
1	Sieve analysis	1 Sample	365
2	Unit Weight	1 Sample	361
3	Water Absorption and Specific Gravity	1 Sample	770
4	Soundness (5 Cycles)	1 Sample	2348
5	Organic Impurities	1 Sample	459
6	Silt and Clay content (By Wet Sieving)	1 Sample	531
7	Moisture content	1 Sample	513
4	MORTAR		
1	Obsrving flow and casting specimen	6 Cubes only	826
2	Shrinkage Test	4 Bars	7779
3	Compressive/Spli tensile Strength	3 Cubes	754

Sr No	Name of Test	UNIT	Rates for 2024-25
			For GOVT.
5 CONCRETE			
1	Observing slump and casting specimen	1 Mix	1023
2	Observing Air Content and Bleeding	1 Mix	407
3	Compressive/Split tensile strength	3 cubes	397
4	Flexural strengthTest	3 bars	788
5	Permeability/Set	6 cylinder	3660
6	Shrinkage Test	4 bars	4195
7	Modulus of Elasticity	3 cylinders	922
8	Drilling Cores and testing for Compression Strength.	3 cores	946
9	Capping of cores upto 0.45m dia.	3 cores	545
10	Concrete Mix Design by ACT Method	1 design	14636
11	Concrete Mix Design by Normal Curing Metho	1 design	13264
6 LARGE SIZE CORES(0.90m dia)			
1	Capping of Cores 90 cm dia(Per Surface)	1 Surface	699
2	Density and Comressive Strength	1 Sample	3327
3	Split tensile strength	1 Sample	3297
4	Modulus of Elasticity.0.9 m dia Core.	1 Sample	2400
5	Permeability on 0.9 m dia Cores	1 Sample	8169
7 FLY ASH / SURKHI (QTY. REQUIRED 15 KG)			
1	Fineness	1 Sample	372
2	Specific gravity	1 Sample	482
3	Lime reactivity	1 Sample	4525
4	Cement reactivity	1 Sample	1957
8 R.C.C.PIPES (With Labour)			
1	Three edge bearing Test for a) pipes 300mm dia. & bellow b) Pipes above 300mm dia	1 Sample 1 Sample	787 939
2	Water Absorption for all dia.	1 Sample	706
3	Permeability Test	1 Sample	574

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9	A. C. PIPES		
1	Water Absorption	1 Sample	533
2	Bursting strength	1 Sample	734
10	A. C. SHEETS		
1	Water absorption	1 Sample	731
2	Load Bearing	1 Sample	845
11	METALS		
1	Rockwell Hardness Test	1 Sample	721
12	BRICKS		
1	Water Absorption	5 Nos.	696
2	Compressive Strength	5 Nos.	765
3	Effloresence	5 Nos.	1419
13	MANGLORE TILES		
1	Water Absorption	6 Nos.	773
2	Flexural Strength	6 Nos.	722
3	Permeability	6 Nos.	2454
14	FLOORING TILES		
1	Water Absorpton	6 Nos.	773
2	Flexural Strength	6 Nos.	722
3	Resistance to wear	6 Nos.	1587
15	TIMBER		
1	Specific gravity & Moisture Content	5 Nos.	1405

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			For GOVT.
16 GLAZED TILES			
1 Water Absorption	3 No.		773
2 Impact Strength Test	3 No.		722
3 Crazing Test	6 No.		792
17 LIME			
1 Fineness by Sieving	1 Sample		1058
2 Workability	1 Sample		1121
3 Setting Time	1 Sample		781
4 Soundness by Le-Chatilier	1 Sample		784
5 Compressive/Transverse Strength	12 samples for 14 & 28 days		1993
6 Residue on Slaking	1 Sample		870
7 Popping and Pitting	1 Sample		1839
8 Volume Yiled	1 Sample		1210
18 HOLLOW BLOCKS			
1 Water Absorption	3 No.		989
2 Density	3 No.		726
3 Compressive Strength	8 No.		2038
19 CALIBRATION			
1 Sieves (Fine series)	1 Set (8 Nos)		7337
2 Sieves (Coarser series< 200mm dia.)	1 Set (8Nos)		7337
3 Sieves (Coarser series> 200mm dia.	1 No.		1309
4 Checking macro sieves	1 No.		7337
5 Calibration Proving Ring upto 1000kg	1 No. `		1589
6 Calibration Pressure Gauge	1 No.		2012
7 Calibration Dial Gauge	1 No.		2001
8 Compression Testing Machine	1 Gauge		2304
9 Blain's Air Permeability Apparatus	1 No.		2662
10 Liquid Limit Apparatus	1 No.(Set)		1315
11 Grooving tools of L. L. Apparatus	1 Set		676
12 Compaction mould & Rammer	1 No.		1439
13 Weights	1 Set		1443

Sr No	Name of Test	UNIT	Rates for 2024-25
			For GOVT.
20	SEEPAGE WATER (5 liter water sample)		
1	pH value	1 Sample	424
2	Alkalinity	1 Sample	396
3	Conductivity	1 Sample	540
4	Total and Dissolved solids	1 Sample	1738
5	Calcium estimation	1 Sample	360
21	CEMENT (1 kg)		
1	Chemical composition	1 Sample	6104
22	LEACHED MATERIAL (1 kg)		
1	Chemical composition	1 Sample	6104
23	FLYASH (1 kg)		
1	Chemical composition	1 Sample	6104
24	GRAVEL (5 kg sample)		
1	Specific gravity	1 Sample	406
2	Acid solubility	1 Sample	598
3	Alkali-Aggregate test	1 Sample	2385
25	SAND (5 kg sample)		
1	Organic Impurities	1 Sample	840
2	Effective size & uniformity	1 Sample	810
3	Acid solubility	1 Sample	748
4	Loss on Ignition	1 Sample	362
5	Specific gravity	1 Sample	434
6	Silica content	1 Sample	801
7	Silt content	1 Sample	360
26	SOIL (2 kg sample)		
1	pH value	1 Sample	414
2	Soluble Sulphate compound	1 Sample	1726
3	Soluble Iron compound	1 Sample	664

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Sr No	Name of Test	UNIT	Rates for 2024-25
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27	T.C.L. POWDER (1 kg sample) 1 % Chlorine determination & Dose fixation	1 Sample	852
28	ALUM (1 kg sample) 1 Soluble Alluminium compounds 2 Soluble Iron compounds 3 Insoluble compounds 4 pH value	1 Sample 1 Sample 1 Sample 1 Sample	1570 519 1133 414
29	Paver Block 1 Compressive Strength 2 Water Absorption	1 Sample 1 Sample	696 745
30	FRP Needle 1 Uniformly Distributed Load 2 Central Point Load	1 Sample 1 Sample	36964 2141
31	STEEL 1 Tensile Strength And Elongation	1 Sample	972
32	ROCK 1 Preparation of Test Sample 2 Water Absorption 3 Specific Gravity 4 Compressive Strength 5 Durability Test 30 cycle	1 Sample 1 Sample 1 Sample 1 Sample 1 Sample	730 3242 3242 387 14363
33	Ceramic Tiles 1 Water Absorption 2 Flexural Strength 3 Resistance to wear	6 Nos. 6 Nos. 6 Nos.	742 1127 2033

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			For GOVT.
34	Chemical Admixture		
1	Compatibility	1lit	8734
2	Water penetration Test	1lit	1518
3	Dry material content	1lit	1315
4	Ash content	1lit	1139
5	Relative Density	1lit	662
6	Chloride Ion Concentration	1lit	912
7	PH value	1lit	392
35	AUTOCLAVE ARRRIATED CONCRETE BLOCK (AAC BLOCK)		
1	Preparation of Test Sample	1 Sample	268
2	Water Absorption	1 Sample	444
3	Bulk Density	1 Sample	362
4	Compressive Strength	1 Sample	274
36	R.C.C.PIPES (AT FACTORY SITE)		
1	Three edge bearing Test for		719
	a) pipes 300mm dia. & bellow	1 Sample	805
	b) Pipes above 300mm dia	1 Sample	
NOTE: 1. Staff of this Division will conduct the test if provided suitable conviance (Transportation of Staff And Transportation of Instruments if any) to reach factory site. 2. The Instruments used for the testing should be callibrated by concern Authorised Agencies			

NOTE

- 1) The rates are applicable to Water Resources Department only.
- 2) For other than Water Resources Department, the rates will be charged as doubled + applicable G.S.T

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