

# REVISED PRODUCT/MATERIAL TESTING RATES WITH EFFECT FROM 1<sup>ST</sup> JULY 2022

Sl.	Name of the tests	Quantity Required	Rates in (Nu.)
<b>A Test on Soil</b>			
1	SPT Test For Bearing Capacity	Per Pit	9100.00
2	Direct Shear Test	5kg	3950.00
3	Natural Moisture Content	1kg	450.00
4	Atterberg limits	2kg	1600.00
5	Shrinkage Limits	2kg	1150.00
6	Specific Gravity	1-2kg	1100.00
7	Sieve Analysis/ Hydrometer Analysis	2-3kg	2500.00
8	Field Density by Core Cutter	Per Pit	1700.00
9	Field Density by SRM	Per Pit	2700.00
10	Proctor Compaction Test	20-25kg	3600.00
11	CBR (Lab Test)	15-20kg	5900.00
12	Plate Load Test	Per Pit	20300.00
13	DCP Test	Per Pit	3250.00
14	Permeability Test		3600.00
<b>B Test on Coarse Aggregate</b>			
1	Abrasion Test	20-35kg	2850.00
2	Impact Test	8-10kg	1350.00
3	Aggregate Crushing Value	15-20kg	2100.00
4	Specific Gravity	10kg	2800.00
5	Flakiness/Elongation Index	30-40kg	1400.00
6	Slake Durability	15-25kg	1500.00
7	Grading	5kg	1400.00
8	Soundness	15-20kg	6400.00
9	Bulk Density	15-20kg	750.00
10	Clay Lumps	5Kg	950.00
11	Point Load Test	Rock Core	1250.00

Sl.	Name of the tests	Quantity Required	Rates in (Nu.)
<b>C Test on Fine Aggregates</b>			
1	Bulking of Sand	2kg	600.00
2	Grain Size Analysis/Fineness Modulus	2kg	1400.00
3	Silt Content	2kg	600.00
4	Bulk Density	5kg	850.00
5	Soundness	15-20kg	6400.00
6	Specific Gravity/Water Absorption	10kg	2800.00
<b>D Test on Bitumen/Bitumen Emulsion</b>			
1	Penetration test	2kg	1300.00
2	Flash & Fire Point Test	2kg	1550.00
3	Softening Test	1kg	1300.00
4	Residue by Heating/Evaporation	2kg	1300.00
5	Viscosity Test	5kg	1300.00
6	Ductility Test	1kg	1800.00
7	Bitumen Content Test	5kg	3550.00
8	Striping Value Test	5kg	1500.00
9	Pavement Density by Core Driller	Per Pit	3000.00
<b>E Test on Bitumen Emulsion/Cationic Type</b>			
1	Residue on 600mic. IS Sieve	5kg	1800.00
2	Stability to Mixing With Cement	5kg	2300.00
3	Miscibility with Water	5kg	3000.00

Sl.	Name of the tests	Quantity Required	Rates in (Nu.)
<b>F Test on Steel &amp; Steel Components</b>			
1	Tensile Strength on Tor Steel Bars upto 30 dia	3 meters	2000.00
2	Unit Weight & Dimensional Tolerance	1 meter	650.00
3	Zinc Coating Thickness & Dimension	3 meters	1450.00
<b>G Physical Test on Cement</b>			
1	Compressive Strength Test	10-12kg	4600.00
2	Fineness test on IS 900 micron	2kg	850.00
3	Consistency Test	1kg	1400.00
4	Setting Time-Initial & Final	2kg	1700.00
5	Soundness Test	1kg	3200.00
6	Specific Gravity	2kg	3200.00
<b>H Compressive Strength on Building Materials</b>			
1	Concrete Cubes (Standard Size)	3 cubes	850.00
2	Bricks (Standard Size)	8 Bricks	1000.00
3	Hollow Blocks (Standard Size)	8 Blocks	1350.00
4	Masonry/Solid concrete Blocks (Standard Sizes)	8 Blocks	1150.00
5	Autoclave Aeriated Concrete Blocks	12 blocks	5300.00

### NOTES:

- The sample is accepted only if minimum quantity specified is delivered by the client.
- All samples delivered should be clearly marked for identification.
- It is the responsibility of the client to obtain the test report from the office of M&LSD, BSB.
- Test reports shall be issued only after the client makes the payments for the test.

