

MEGHALAYA POWER GENERATION CORPORATION LIMITED

Corporate Identification Number: U40101ML2009SGC008392

OFFICE OF THE DIRECTOR (GENERATION)

LUMJINGSHAI SHORT ROUND ROAD SHILLONG-793001

☎0364-2591406 ☎/TELE - FAX: 0364-2590691. E-mail: pce_meecl@yahoo.in

OFFICE ORDER NO. 126

Dated 20th May, 2025

In the interest of the Corporation and as approved by the Board of Directors, MeECL, the rates for testing of soil, concrete and steel conducted by the Testing Laboratory, Design Division, MePGCL, Umiam, are revised and fixed as follows:-

Sl. No.	Type of Tests	Unit.	Rate
A. SOIL TEST:			
1.	Moisture Content	Per test of 1 sample	2900.00
2.	Specific Gravity	Per test of 1 sample	2263.00
3.	Sieve Analysis	Per test of 1 sample	2263.00
4.	Mechanical Analysis Atterberg's Limit (including Plastic Limit)	Per test of 3 sample	3904.00
5.	Triaxial Shear	Per test of 3 sample	6437.00
6.	Proctor's Compaction	Per test of 3 sample	3859.00
7.	Modified Proctor's Compaction	Per test of 3 sample	5161.00
8.	Dry & wet Density	Per test of 3 sample	2900.00
9.	Standard Penetration Test (SPT)	Per test of 3 sample	16093.00
10.	In-Situ Density Test	Per test of 3 sample	8060.00
11.	California Bearing Ratio (CBR)	Per test of 3 sample	9977.00
12.	Direct Shear Test	Per test of 3 sample	13514.00
13.	Vane Shear Test	Per test of 3 sample	2394.00
B: FINE AGGREGATE:			
1.	Silt/ Clay content (by weight / volume)	Per test of 1 sample	4337.00
2.	Sieve Analysis	Per test of 1 sample	2263.00
3.	Specific Gravity	Per test of 1 sample	2263.00
4.	Bulking	Per test of 1 sample	1945.00
5.	Water Absorption	Per test of 1 sample	2579.00
6.	Organic impurities	Per test of 1 sample	5479.00
7.	Mortar making properties	Per test of 1 sample	14818.00
C. COARSE AGGREGATE:			
1.	Sieve Analysis (Grading)	Per test of 1 sample	4498.00
2.	Impact Value	Per test of 1 sample	2900.00
3.	Crushing Value	Per test of 1 sample	9338.00
4.	Water Absorption	Per test of 1 sample	2579.00
5.	Specific Gravity	Per test of 1 sample	1945.00
6.	Abrasion Value	Per test of 1 sample	9338.00
7.	Ten Percent Fines Value	Per test of 1 sample	9338.00
8.	Flakiness Index	Per test of 1 sample	2579.00
9.	Elongation Index	Per test of 1 sample	2579.00
10.	Bulk Density	Per test of 1 sample	2579.00
11.	Silt/Clay content	Per test of 1 sample	2900.00
12.	Soundness of aggregate	Per test of 1 sample	4498.00
13.	Porosity of material building stone	Per test of 1 sample	5479.00
D. CEMENT			
1.	Fineness (Sieving Method)	Per test of 1 sample	2900.00
2.	Consistency & setting Time (Initial & Final)	Per test of 1 sample	1945.00
3.	Compressive Strength	Per test of 3 sample	5479.00
4.	Soundness	Per test of 3 sample	2900.00
E. CONCRETE TEST			
1.	Concrete Cubes/ Cylinder (3 nos.)	Per test of 3 sample	2900.00
2.	Concrete Mix Design (Casting, Testing) Materials Supplied by Client	Per reqd. mix	33144.00
3.	Core Drilling	Per Location	13302.00

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F. BRICK TEST			
1.	Compressive Strength	Per test of 3 sample	2900.00
2.	Water Absorption	Per test of 3 sample	1945.00
3.	Efflorescence	Per test of 3 sample	1278.00
4.	Dimension (20 nos. bricks)	1 set	1945.00
G. STEEL TEST (REBARS)			
	Upto 19 mm		
1.	Ultimate Tensile Strength (upto 19 mm)	Per test of 3 sample	3700.00
2.	Bend Test (upto 19 mm)	Per test of 3 sample	3700.00
3.	Reverse Bend (upto 19 mm)	Per test of 3 sample	3700.00
	20 mm Above		
1.	Ultimate Tensile Strength (above 20 mm)	Per test of 3 sample	5479.00
2.	Bend Test (above 20 mm)	Per test of 3 sample	5479.00
3.	Reverse Bend (above 20 mm)	Per test of 3 sample	5479.00
H. CORE SAMPLING (AUGER BORING)			
1.	Sandy Soil	Per Bore hole	14794.00
2.	Loamy Soil	Per Bore hole	8357.00
3.	Red Soil	Per Bore hole	9682.00
4.	Clayey Soil	Per Bore hole	7717.00
5.	Loose Sand Stone	Per Bore hole	16123.00
I. NON DESTRUCTIVE TEST			
1.	Rebound Hammer	Per location	8381.00
2.	Pundit Lab	Per location	14097.00
J. WATER TEST			
1.	pH Value	Per Sample	138.00
2.	Temperature	Per Sample	138.00
3.	Electrical Conductivity	Per Sample	138.00
4.	Turbidity	Per Sample	210.00
5.	Total Dissolved Solids (TDS)	Per Sample	210.00
6.	Dissolved Oxygen (DO)	Per Sample	210.00

This order will be effective for the period from 1st April 2025 to 31st March, 2026.

1. Goods & Service Tax is to be charged extra as applicable
2. Transportation and lodging to be borne by the party concerned in case of field test

(M. Swer)
Director (Generation) i/c
Dated 20th May, 2025

Memo No. MePGCL/D/GEN/W-43/2001/Pt-I/ 44 (a)

Copy to:

1. The P.A. to the Chairman-cum-Managing Director, MeECI for kind information of the CMD.
2. The Director Corporate Affairs, MeECL, Shillong,
3. The Director (Finance), MeECL, Shillong,
4. The Director (Distribution), MePDCL, Shillong,
5. The Director (Transmission), MePTCL, Shillong,
6. The Chief Engineer (C), HP&HC, MePGCL, Shillong,
7. The Chief Engineer (C), M&SH, MePGCL, Shillong,
8. The Chief Engineer (Generation), MePGCL, Shillong,
9. The Additional Chief Engineer (C), HP, MePGCL, Umiam.
10. The Additional Chief Engineer (Commercial), MeECL, Shillong, with a request to kindly upload the rates in MeECL's, website.
11. All Superintending Engineers, MePGCL, } for kind.
12. All Executive Engineers, MePGCL, } information
13. File No. D/GEN/M-4/2010/
14. Office Order Book.
15. Relevant File.

for kind information.



Director (Generation) i/c