



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 535/2024-2025 (Con).
Name of Client : GE (Army) CMH, Dhaka.
Ref ltr no : 6004/Cylinder/84/E-6 Dt.11 Mar'2025.
Name of the project : Vertical extension for cancer center.
Status of sample : 11th floor column.
Dt of sample collection: 12 Mar'2025
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Metrocem Opc.
Proportion of Mixture : 1:1.25:2.5
Desired Design Strength : 4500 Psi.

Ser no.	Date of casting and (Age in days)	Date of Test	Specimen Area Sq inch	Maximum Load (Lbs)	Crushing Strength (Psi)	Average Crushing Strength (Psi)	Remarks
1	07 Mar'2025 (28 days)	04 Apr'2025	12.17	56603.94	4651	Average of Sample 1, 2 & 3 4650	Combined Failure
2			12.17	54549.13	4482		
3			12.17	58636.42	4818		

Cautions :

- 1 Samples as supplied to the laboratory have been tested. The laboratory authority does not bear any responsibility as to the representative character of the sample to be tested.
- 2 It is recommended that samples are sent in a sealed cover/packet/container under signature of the competent authority
- 3 In order to avoid fraudulent fabrication of the test result, it is recommended that test reports should be collected by duly authorized person and not by the contractor/supplier.

Observation on Specimen(if any):

1

Laboratory Technician

Test Performed By

Vetted By

Note:[1 Mpa=145 psi, 1kg/cm²=14.223 Psi]