



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 213(D)/2025-2026 (Con).
Name of Client : GE (Army) Sylhet.
Ref ltr no : CEA/341 of 2024-2025/19/E-6 Dt.29 Dec'2025.
Name of the project : Construction of 1 X 104 OR'S Family Qtr.
Status of sample : 5th floor Column & Shear wall.
Dt of sample collection: 30 Dec'2025
Test Standard : ASTM/BS

Sample Specimen : Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Shah Opc.
Proportion of Mixture : 1:1.25:2.5
Desired Design Strength : 4200 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	24 Dec'2025 (28 days)	21 Jan'2026	12.17	64425.47	5294	Average of Sample 1 & 3 5344	Combined Failure
2			12.17	71614.71	5885		
3			12.17	65654.01	5395		

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 be 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]