MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 224/2025-2026 (Con).
Name of Client : GE (Air) Tejgaon, Dhaka.
Ref ltr no : CE Air/185 of 2024-2025/18/E-6 Dt.12 Nov'2025.
Name of the project : Construction of 1 X 72 Airmen type Qtr.
Status of sample : 12th floor Column, Lift, Stair & Shear wall.
Dt of sample collection: 17 Nov'2025
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Seven rings 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	10 Nov'2025 (28 days)	08 Dec'2025	12.17	54057.77	4442	Average of Sample 1, 2 & 3 4409	Combined Failure
2			12.17	50506.52	4150		
3			12.17	56425.26	4636		

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 oder 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 As the strength is below the desired design strength, so nec. measures to be taken as per particular specifications of contract.

Laboratory Technician Test Performed By Vetted By