# MATERIAL TESTING LABORATORY
# MILITARY ENGINEER SERVICES(MES)



## TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 85/2025-2026 (Con).
Name of Client : GE (Army) Mirpur.
Ref ltr no : CEA/317 of 2024-2025/18/E-6 Dt.18 Aug'2025.
Name of the project : Construction of 1 x Composite SMBK Complex.
Status of sample : 5th floor Roof.
Dt of sample collection: 18 Aug'2025
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Scan Opc.
Proportion of Mixture : 1:1.5:3
Desired Design Strength : 3500 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 | 12 Aug'2025 (28 days) | 09 Sep'2025 | 12.17 | 60222.19 | 4948 | Average of Sample 1 & 3 | Combined Failure |
| 2 | | | 12.17 | 51932.37 | 4267 | | |
| 3 | | | 12.17 | 61910.99 | 5087 | 5018 | |

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):**

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Laboratory Technician  Test Performed By  Vetted By