



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

Page no : 484

Copy no : 01

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 353/2024-2025 (Con).
Name of Client : GE (Army) South, Dhaka.
Ref ltr no : 6000/General/Part-35/29/E-6 Dt.15 Dec' 2024.
Name of the project : Construction of Senabhaban mosque.
Status of sample : Ground floor roof.
Dt of sample collection: 17 Dec'2024
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Crown Opc.
Proportion of Mixture : 1:1.5:3
Desired Design Strength : 2275 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 | 11 Dec'2024 (07 days) | 18 Dec'2024 | 12.17 | 37091.22 | 3048 | Average of Sample 1, 2 & 3 3047 | Combined Failure |
| 2 | | | 12.17 | 35464.33 | 2914 | | |
| 3 | | | 12.17 | 38672.91 | 3178 | | |

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