



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

Page No : 769

Copy no : 02

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 538/2024-2025 (Con).
Name of Client : GE (Navy) Khulna.
Ref ltr no : EinC/186 of 2022-2023/75/E-6 Dt.11 Mar'2025.
Name of the project : Construction of 1 x Complot west head quarters.
Status of sample : 1st 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 : Elephant Opc.
Proportion of Mixture : 1:2.894:2.698 (Admixture).
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 | 06 Mar'2025 (28 days) | 03 Apr'2025 | 12.17 | 58234.39 | 4785 | Average of Sample 1, 2 & 3 4567 | Combined Failure |
| 2 | | | 12.17 | 54593.80 | 4486 | | |
| 3 | | | 12.17 | 53923.76 | 4431 | | |

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]