



**MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)**

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 80(D)/2025-2026 (Con).

Name of Client : GE (Navy) Khulna.

Ref ltr no : EinC/183 of 2022-2023/36/E-6 Dt.22 Oct' 2025.

Name of the project : Construction of 1 x Officers Residence

Status of sample : 6th floor roof.

Dt of sample collection: 23 Oct'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 : 2600 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 | 16 Oct'2025 (07 days) | 23 Oct'2025 | 12.17 | 34358.41 | 2823 | Average of Sample 1, 2 & 3 2661 | Combined Failure |
| 2 | | | 12.17 | 30047.78 | 2469 | | |
| 3 | | | 12.17 | 32750.30 | 2691 | | |

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]