



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

Page No: 421

Copy no : 02

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

Job No : 133(D)/2025-2026 (Con).  
Name of Client : GE (Navy) Khulna.  
Ref ltr no : EinC/333 of 2022-2023/69/E-6 Dt.17 Nov'2025.  
Name of the project : Construction of 1 x Bellmen Hanger.  
Status of sample : RCC Mezzanine floor roof.  
Dt of sample collection: 19 Nov'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 : 4000 Psi

| Ser no. | Date of casting<br>and<br>(Age in days) | Date of Test | Specimen<br>Area<br>Sq inch | Maximum Load<br>(Lbs) | Crushing<br>Strength<br>(Psi) | Average<br>Crushing<br>Strength<br>(Psi) | Remarks          |
|---------|-----------------------------------------|--------------|-----------------------------|-----------------------|-------------------------------|------------------------------------------|------------------|
| 1       | 13 Nov'2025<br>(28 days)                | 11 Dec'2025  | 12.17                       | 74532.36              | 6124                          | ***                                      | Combined Failure |
| 2       |                                         |              | 12.17                       | 55964.83              | 4599                          |                                          |                  |
| 3       |                                         |              | 12.17                       | 49722.49              | 4086                          |                                          |                  |

**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 As per BNBC-2020 para No. 5.12.3.3 difference between provided samples are greater than 500 Psi. So no average result will be generated from this sample.

Laboratory Technician

Test Performed By

Vetted By

Note:[1 Mpa=145 psi, 1kg/cm<sup>2</sup>=14.223 Psi]