



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

Page No: 495

Copy no : 02

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

Job No : 195(D)/2025-2026 (Con).  
Name of Client : AGE (Army) Momenshahi.  
Ref ltr no : CEA/273 of 2022-2023/25/E-6 Dt.14 Dec'2025.  
Name of the project : Construction of 1 x 20 C/D Type Officer's Qtr.  
Status of sample : Cast in situ pile.  
Dt of sample collection: 15 Dec'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 : 1:1.5:3  
Desired Design Strength : 3500 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       | 08 Dec'2025<br>(28 days)                | 05 Jan'2026  | 12.17                       | 49182.45              | 4041                          | Average of<br>Sample 1, 2 & 3<br><br>4085 | Combined Failure |
| 2       |                                         |              | 12.17                       | 48135.91              | 3955                          |                                           |                  |
| 3       |                                         |              | 12.17                       | 51821.54              | 4258                          |                                           |                  |

**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]