



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

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

Job No : 193/2025-2026 (Con).  
Name of Client : AGE (Army) Bhatary.  
Ref ltr no : EinC/08 of 2025-2026/04/E-6 Dt.06 Oct' 2025.  
Name of the project : Construction of 1 x 50 Bedded Hospital.  
Status of sample : Column, Shear wall & Lift core wall.  
Dt of sample collection: 08 Oct'2025  
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")  
Type of Aggregate : Stone  
Brand &Type of Cement : Diamond Opc.  
Proportion of Mixture : 1:1.25:2.5  
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       | 02 Oct'2025<br>(28 days)                | 30 Oct'2025  | 12.17                       | 60132.88              | 4941                          | Average of<br>Sample 1, 2 & 3<br><br>4748 | Combined Failure |
| 2       |                                         |              | 12.17                       | 55956.25              | 4598                          |                                           |                  |
| 3       |                                         |              | 12.17                       | 57274.01              | 4706                          |                                           |                  |

**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