



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

Page No: 282

Copy no : 01

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

Job No : 176/2025-2026 (Con).  
Name of Client : AGE (Army) Rajendrapur.  
Ref ltr no : CEA/437 of 2024-2025/28/E-6 Dt.21 Sep'2025.  
Name of the project : Construction of 1 x Composite Workshop.  
Status of sample : Pile cap & Strut ties.  
Dt of sample collection: 22 Sep'2025  
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")  
Type of Aggregate : Stone  
Brand &Type of Cement : Crown Opc.  
Proportion of Mixture : 1:1.5:3  
Desired Design Strength : 3500 Psi.

| Ser no. | Date of casting and<br>(Age in days) | Date of Test | Specimen Area<br>Sq inch | Maximum Load<br>(Lbs) | Crushing Strength<br>(Psi) | Average Crushing Strength<br>(Psi)        | Remarks          |
|---------|--------------------------------------|--------------|--------------------------|-----------------------|----------------------------|-------------------------------------------|------------------|
| 1       | 11 Sep'2025<br>(28 days)             | 09 Oct'2025  | 12.17                    | 49904.75              | 4101                       | Average of<br>Sample 1, 2 & 3<br><br>3965 | Combined Failure |
| 2       |                                      |              | 12.17                    | 47922.69              | 3938                       |                                           |                  |
| 3       |                                      |              | 12.17                    | 46943.06              | 3857                       |                                           |                  |

**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]