# MATERIAL TESTING LABORATORY
# MILITARY ENGINEER SERVICES(MES)

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

Job No : 181(D)/2025-2026 (Con).
Name of Client : AGE (Army) Rajendrapur.
Ref ltr no : CEA/437 of 2024-2025/46/E-6 Dt.07 Dec'2025.
Name of the project : Construction of 1 x Composite Workshop.
Status of sample : Pile cap & Strut ties.
Dt of sample collection: 09 Dec'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 (Age in days) | Date of Test | Specimen Area Sq inch | Maximum Load (Lbs) | Crushing Strength (Psi) | Average Crushing Strength (Psi) | Remarks |
|---|---|---|---|---|---|---|---|
| 1 | 13 Nov'2025 (28 days) | 11 Dec'2025 | 12.17 | 51977.93 | 4271 | *** | Combined Failure |
| 2 | | | 12.17 | 34367.26 | 2824 | | |
| 3 | | | 12.17 | 44596.49 | 3664 | | |

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 oder to be 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