



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

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 183(D)/2025-2026 (Con).

Name of Client : AGE (Army) Rajendrapur.

Ref ltr no : CEA/437 of 2024-2025/48/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 | 20 Nov'2025 (28 days) | 18 Dec'2025 | 12.17 | 22201.54 | 1824 | Average of Sample 2 & 3 | Combined Failure |
| 2 | | | 12.17 | 44744.13 | 3677 | | |
| 3 | | | 12.17 | 45525.85 | 3741 | | |

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]