# MATERIAL TESTING LABORATORY
# MILITARY ENGINEER SERVICES(MES)

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

Job No : 156/2025-2026 (Con).
Name of Client : GE (Army) Barishal.
Ref ltr no : CEA/400 of 2022-2023/35/E-6 Dt.11 Sep'2025.
Name of the project : Construction of 3 x Ammo Store.
Status of sample : Pre Casting of Roof & Beam.
Dt of sample collection: 15 Sep'2025
Test Standard : ASTM/BS

Sample Specimen : Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Premium Opc.
Proportion of Mixture : 1:1.5:3
Desired Design Strength : 2030 Psi (14 Mpa).

| 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 | 09 Sep'2025 (07 days) | 16 Sep'2025 | 12.17 | 46061.88 | 3785 | Average of Sample 1 & 2 3254 | Combined Failure |
| 2 | | | 12.17 | 33152.33 | 2724 | | |
| 3 | | | 12.17 | 31387.87 | 2579 | | |

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):**

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Laboratory Technician  Test Performed By  Vetted By

Note:[1 Mpa=145 psi, 1kg/cm2=14.223 Psi]