



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

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

Job No : 558/2024-2025 (Con).  
Name of Client : GE (Army) Bogura.  
Ref ltr no : CEA/722 of 2021-2022/87/E-6 Dt.19 Mar'2025  
Name of the project : Construction of 2 x Ammo store.  
Status of sample : Floor.  
Dt of sample collection: 20 Mar'2025  
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")  
Type of Aggregate : Stone  
Brand &Type of Cement : Shah Opc.  
Proportion of Mixture : 1:1.5:3  
Desired Design Strength : 2275 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       | 13 Mar'2025<br>(07 days)             | 20 Mar'2025  | 12.17                    | 38289.35              | 3146                       | Average of<br>Sample 1, 2 & 3<br><br>3000 | Combined Failure |
| 2       |                                      |              | 12.17                    | 33844.71              | 2781                       |   |                  |
| 3       |                                      |              | 12.17                    | 37395.95              | 3073                       |   |                  |

**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/cm<sup>2</sup>=14.223 Psi]