



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 541/2024-2025 (Con).
Name of Client : GE (Army) Sylhet.
Ref ltr no : EinC/165 of 2023-2024/51/E-6 Dt.11 Mar'2025.
Name of the project : Construction of 1 x Office cum laboratory building.
Status of sample : Ground floor roof.
Dt of sample collection: 13 Mar'2025
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Seven rings Opc.
Proportion of Mixture : 1:1.5:3
Desired Design Strength : 3600 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 | 08 Mar'2025 (28 days) | 05 Apr'2025 | 12.17 | 57854.70 | 4754 | Average of Sample 1, 2 & 3 4698 | Combined Failure |
| 2 | | | 12.17 | 54906.49 | 4512 | | |
| 3 | | | 12.17 | 58770.43 | 4829 | | |

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]