



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

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

Job No : 385/2024-2025 (Con).

Name of Client : GE (Army) Sylhet.

Ref ltr no : CEA/611 of 2022-2023/41/E-6 Dt.26 Dec'2024.

Name of the project : Construction of 300 Bedded Combined Military Hospital.

Status of sample : 2nd floor Column & roof Beam.

Dt of sample collection: 29 Dec'2024

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 : 1:1.25:2.50

Desired Design Strength : 2600 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	24 Dec'2024 (07 days)	31 Dec'2024	12.17	48515.03	3986	Average of Sample 1, 2 & 3  3734	Combined Failure
2			12.17	44186.41	3631		
3			12.17	43616.85	3584		

**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 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

Laboratory Technician

Test Performed By

Vetted By

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