



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

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

Job No : 386/2024-2025 (Con).  
Name of Client : GE (Army) Sylhet.  
Ref ltr no : CEA/611 of 2022-2023/40/E-6 Dt.26 Dec'2024.  
Name of the project : Construction of 300 Bedded Combined Military Hospital.  
Status of sample : 2nd floor roof Slab.  
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 : 1:1.5:3  
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	24 Dec'2024 (28 days)	21 Jan'2025	12.17	52410.80	4307	Average of Sample 1 & 2  4438	Combined Failure
2			12.17	55600.31	4569		
3			12.17	47216.44	3880		

**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]