



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 543/2024-2025 (Con).

Name of Client : GE (Army) Sylhet.

Ref ltr no : CEA/611 of 2022-2023/18/E-6 Dt.12 Mar' 2025.

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

Status of sample : 2nd floor roof slab.

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 : 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	10 Mar'2025 (28 days)	07 Apr'2025	12.17	47245.63	3882	Average of Sample 1, 2 & 3 3944	Combined Failure
2			12.17	49501.45	4067		
3			12.17	47245.63	3882		

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]