MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 542/2024-2025 (Con).
Name of Client : GE (Army) Sylhet.
Ref ltr no : CEA/611 of 2022-2023/19/E-6 Dt.12 Mar' 2025.
Name of the project : Construction of 300 Bedded Combined Military Hospital (CMH).
Status of sample : 2nd floor column & roof beam.
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 : 1:1.25:2.5
Desired Design Strength : 4000 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	54906.49	4512	Average of Sample 1, 2 & 3 4593	Combined Failure
2			12.17	58457.74	4803		
3			12.17	54325.79	4464		

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 oder 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]