MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 634/2024-2025 (Con).
Name of Client : GE (Army) Sylhet.
Ref ltr no : CEA/165 of 2023-2024/59/E-6 Dt.21 May'2025.
Name of the project : Construction of 1 x Office cum laboratory building.
Status of sample : 2nd floor Roof.
Dt of sample collection: 25 May'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	19 May'2025 (28 days)	16 Jun'2025	12.17	32951.31	2708	Average of Sample 1 & 3	Combined Failure
2			12.17	26963.03	2216		
3			12.17	34822.90	2861	2784	

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 As the strength is below the desired design strength, so nec. measures to be taken as per particular specifications of contract.

Laboratory Technician Test Performed By Vetted By

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