MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 221/2025-2026 (Con).
Name of Client : GE (Army) Bogura.
Ref ltr no : CEA/357 of 2022-2023/37/E-6 Dt.12 Nov' 2025.
Name of the project : Construction of 1 X SMBK Complex.
Status of sample : 2nd floor CH/DH slab.
Dt of sample collection: 16 Nov'2025
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Fresh 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 Nov'2025 (28 days)	08 Dec'2025	12.17	32750.30	2691	***	Combined Failure
2			12.17	53868.86	4426		
3			12.17	47580.96	3910		

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 per BNBC-2020 para No. 5.12.3.3 difference between provided samples are greater than 500 Psi. So no average result will be generated from this sample.

Laboratory Technician Test Performed By Vetted By