MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 631/2024-2025 (Con).
Name of Client : GE (Army) Cumilla.
Ref ltr no : EinC/308 of 2022-2023/70/E-6 Dt.18 May'2025.
Name of the project : Construction of 1 x Milking parlour shed.
Status of sample : Column and beam.
Dt of sample collection: 20 May'2025
Test Standard : ASTM/BS

Sample Specimen : Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Crown 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	01 May'2025 (28 days)	29 May'2025	12.17	36872.70	3030	Average of Sample 1 & 2 2867	Combined Failure
2			12.17	32906.64	2704		
3			12.17	23950.36	1968		

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]