



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

Page No: 175

Copy no : 02

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 80/2025-2026 (Con).

Name of Client : GE (Army) Sylhet.

Ref ltr no : CEA/340 of 2024-2025/14/E-6 Dt.12 Aug'2025.

Name of the project : Construction of 300 Bed CMH.

Status of sample : 3rd floor column & Roof beam.

Dt of sample collection: 18 Aug'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	11 Aug'2025 (28 days)	08 Sep'2025	12.17	62790.70	5159	Average of Sample 1, 2 & 3 4945	Combined Failure
2			12.17	58145.05	4778		
3			12.17	59619.15	4899		

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]