MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 90(D)/2025-2026 (Con).
Name of Client : GE (Army) Sylhet.
Ref ltr no : CEA/445 of 2024-2025/08/E-6 Dt.28 Oct'2025.
Name of the project : Construction of 1 x 104 OR's Family Qtr.
Status of sample : 7th floor column & Roof beam.
Dt of sample collection: 30 Oct'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 : 2600 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	27 Oct'2025 (07 days)	03 Nov'2025	12.17	26530.17	2180	Average of Sample 1, 2 & 3	Combined Failure
2			12.17	23570.67	1937		
3			12.17	27166.58	2232	2116	

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]