



**MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)**

Page No: 91
Copy no : 01

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 91(D)/2025-2026 (Con).

Name of Client : GE (Army) Sylhet.

Ref ltr no : CEA/445 of 2024-2025/10/E-6 Dt.28 Oct'2025.

Name of the project : Construction of 1 x 104 OR's Family Qtr.

Status of sample : 7th floor roof slab.

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 : 1:1.5:3

Desired Design Strength : 2275 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	9555.11	785	Average of Sample 2 & 3	Combined Failure
2			12.17	24821.42	2040		
3			12.17	29221.39	2401		

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 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]