



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

Page No: 472

Copy no : 02

**TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE**

Job No : 174(D)/2025-2026 (Con).  
Name of Client : GE (Navy) Dhaka.  
Ref ltr no : CEN /225 of 2024-2025/09/E-6 Dt.02 Dec'2025.  
Name of the project : Construction of 80000 gallon over ground water reservoir.  
Status of sample : Roof slab.  
Dt of sample collection: 04 Dec'2025  
Test Standard : ASTM/BS

Sample Specimen : Ht 200mm(8") Dia 100 mm(4")  
Type of Aggregate : Stone  
Brand &Type of Cement : Shah 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	27 Nov'2025 (28 days)	25 Dec'2025	12.17	47271.38	3884	Average of Sample 1, 2 & 3  3930	Combined Failure
2			12.17	46657.11	3834		
3			12.17	49569.21	4073		

**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 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

Laboratory Technician

Test Performed By

Vetted By

Note:[1 Mpa=145 psi, 1kg/cm2=14.223 Psi]