



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

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

Job No : 374/2024-2025 (Con).  
Name of Client : GE (Navy) Khulna.  
Ref ltr no : EinC/366 of 2022-2023/31/E-6 Dt.22 Dec' 2024.  
Name of the project : Construction of 1 x BNS Mongla Main Guard Room.  
Status of sample : Ground floor Roof.  
Dt of sample collection: 24 Dec'2024  
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")  
Type of Aggregate : Stone  
Brand &Type of Cement : Elephant Opc.  
Proportion of Mixture : 1:2.894:2.698 (Admixture).  
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	18 Dec'2024 (28 days)	15 Jan'2025	12.17	65624.50	5392	Average of Sample 1, 2 & 3  5132	Combined Failure
2			12.17	60316.24	4956		
3			12.17	61432.57	5048		

**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/cm<sup>2</sup>=14.223 Psi]