



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 408/2024-2025 (Con).
Name of Client : GE (Navy) Khulna.
Ref ltr no : EinC/174 of 2023-2024/18/E-6 Dt.05 Jan'2025.
Name of the project : Construction of 1 x Main security gate.
Status of sample : Ground floor Column.
Dt of sample collection: 06 Jan'2025
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 : 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	31 Dec'2024 (07 days)	07 Jan'2025	12.17	40655.16	3341	Average of Sample 2 & 3 3853	Combined Failure
2			12.17	48150.52	3956		
3			12.17	45621.69	3749		

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]