



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

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 233/2025-2026 (Con).

Name of Client : AGE (Navy) Mongla.

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")

Ref ltr no : EinC/183 of 2022-2023/03/E-6 Dt.09 Dec'2025.

Type of Aggregate : Stone

Name of the project : Construction of 1 x Officer's Residence (C/D Type 2:2).

Brand &Type of Cement : Elephant Opc.

Status of sample : 7th floor roof.

Proportion of Mixture : 1:2.894:2.698 (Admixture).

Dt of sample collection: 10 Dec'2025

Desired Design Strength : 2600 Psi

Test Standard : ASTM/BS

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	04 Dec'2025 (07 days)	11 Dec'2025	12.17	57787.41	4748	Average of Sample 2 & 3 4101	Combined Failure
2			12.17	50838.82	4177		
3			12.17	48970.68	4024		

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]