MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 233/2025-2026 (Con).
Name of Client : AGE (Navy) Mongla.
Ref ltr no : EinC/183 of 2022-2023/03/E-6 Dt.09 Dec'2025.
Name of the project : Construction of 1 x Officer's Residence (C/D Type 2:2).
Status of sample : 7th floor roof.
Dt of sample collection: 10 Dec'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 : 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	04 Dec'2025 (28 days)	01 Jan'2026	12.17	43221.75	3551	Average of Sample 1, 2 & 3 3695	Combined Failure
2			12.17	44268.28	3637		
3			12.17	47430.64	3897		

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 oder 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 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]