



MILITARY ENGINEER SERVICES (MES)

M E S
Material Testing
Laboratory

MATERIAL TESTING LABORATORY

Mobile: 01769-012888, <http://mes.org.bd>

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 367/2025-2026 (Con). Type of Aggregate : Stone
Send by : AGE (Navy) Mongla. Brand & Type of Cement : Elephant Opc.
Ref. No : EinC/99 of 2025-2026 /02/E-6 Dt.06 May'26. Proportion of Mixture : 1:2.648:2.505 (Mix design)
Project : Construction of 1 x Officers residence. Desired Design Strength : 4500 Psi (Admixture)
Sample : Concrete Cylinder Date of Sample Collection : 07/05/2026
Location : 10th floor column. Date of Test : 28/05/2026
Test : Compressive Strength Test of Concrete Cylinder [ASTM C39]

TEST REPORT

SL No.	Date of casting as per the letter	Specimen Designation/ Frog Mark	Specimen Area	Maximum Load	Crushing Strength	Average Crushing Strength	Mode of Failure
1			(Sq. in)	(Lb)	(Psi)	(Psi)	
2	30 Apr'2026 (28 days)	AGE (Navy)	12.17	55780.17	4583	4611 (31.80 Mpa) (324 kg/cm ²)	Combined *
		AGE (Navy)	12.17	54073.86	4443		Combined *
3		AGE (Navy)	12.17	58510.26	4808		Combined *

Note: Samples were received in sealed condition.

*Combined = Mortar and Aggregate Failure.

Observation on Specimen(if any):

1



Report Prepared by :

Test Performed by :

Countersigned by :

MD IKBAL HOSSEN

AHASAN HABIB

MD ATIKUR RAHMAN

SAE B/R
AHQ E in C 's Br
Wks Dte, Dhaka Cantt.

AE B/R
Actg SO-III (Lab)
AHQ E in C 's Br
Wks Dte, Dhaka Cantt.

MAJOR
OIC (Lab)
AHQ E in C 's Br
Wks Dte, Dhaka Cantt.

[1 Mpa=145 psi, 1kg/cm²=14.223 Psi]

Important Note:

- 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
- 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.

