



MILITARY ENGINEER SERVICES (MES)

MATERIAL TESTING LABORATORY

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

M E S
Material Testing
Laboratory

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 : 2925 Psi (Admixture)
Sample : Concrete Cylinder Date of Sample Collection : 07/05/2026
Location : 10th floor column. Date of Test : 07/05/2026
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 (Sq. in)	Maximum Load (Lb)	Crushing Strength (Psi)	Average Crushing Strength (Psi)	Mode of Failure
1	30 Apr'2026 (7 days)						
2		AGE (Navy)	12.17	45974.59	3778	3704 (25.54 Mpa) (260 kg/cm ²)	Combined *
		AGE (Navy)	12.17	44177.28	3630		Combined *
3	AGE (Navy)	12.17	73844.28	6068	Combined *		

Note: Samples were received in sealed condition.

*Combined = Mortar and Aggregate Failure.

Observation on Specimen(if any):

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Report Prepared by :

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

Test Performed by :

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

Countersigned by :

MD ATIKUR RAHMAN
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.

