



# 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 : 366/2025-2026 (Con). Type of Aggregate : Stone  
Send by : AGE (Navy) Mongla. Brand & Type of Cement : Metrocem Opc.  
-Ref. No : EinC/332 of 2022-2023 /69/E-6 Dt.06 May'26. Proportion of Mixture : 1:2.894:2.698 (Mix design)  
Project : Construction of 1 x ward room. Desired Design Strength : 4000 Psi (Admixture)  
-Sample : Concrete Cylinder Date of Sample Collection : 07/05/2026  
Location : 4th floor roof slab. 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	30 Apr'2026 (28 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		AGE (Navy)	12.17	52435.81	4309	4151 (28.62 Mpa)	Combined *
		AGE (Navy)	12.17	49546.46	4071		Combined *
3		AGE (Navy)	12.17	49569.21	4073	(292 kg/cm2)	Combined *

Note: Samples were received in sealed condition.

\*Combined = Mortar and Aggregate Failure.

#### Observation on Specimen(if any):

1



Report Prepared by :

MD IKBAL HOSSEN

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.

