



# MILITARY ENGINEER SERVICES (MES)



## MATERIAL TESTING LABORATORY

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

### TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 348/2025-2026 (Con). Type of Aggregate : Stone  
Send by : AGE (Air) Cox's Bazar. Brand & Type of Cement : Confidence Opc.  
Ref. No : CE Air/199 of 2024-2025/20/E-6 Dt.08 Apr'2026. Proportion of Mixture : 1:1.25:2.5  
Project : Construction of Office Building. Desired Design Strength : 4500 Psi  
Sample : Concrete Cylinder Date of Sample Collection : 09/04/2026  
Location : Travers wall. Date of Test : 30/04/2026  
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	02 Apr'2026 (28 days)						
2		AGE (Air)	12.17	46293.10	3804	5825	Combined *
		AGE (Air)	12.17	73826.05	6066	(40.17 Mpa)	Combined *
3		AGE (Air)	12.17	67951.46	5584	(409 kg/cm <sup>2</sup> )	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

SAE B/R

AHQ E in C's Br

Wks Dte, Dhaka Cantt.

AHASAN HABIB

AE B/R

Actg SO-III (Lab)

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MD. ATIKUR RAHMAN

MAJOR

OIC (Lab)

AHQ E in C's Br

Wks Dte, Dhaka Cantt.

[1 Mpa=145 psi, 1kg/cm<sup>2</sup>=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.

