



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 : 374/2025-2026 (Con). Type of Aggregate : Stone
Send by : AGE (Air) PKP. Brand & Type of Cement : Premier Opc.
Ref. No : EinC/159 of 2024-2025/43/E-6 Dt.17 May'26. Proportion of Mixture : 1:1:1.75 (Mix design)
Project : Construction of 1xUnderground operational bldg. Desired Design Strength : 3600 Psi
Sample : Concrete Cylinder Date of Sample Collection : 18/05/2026
Location : Column, Shear wall, Retaining wall & Lift wall. Date of Test : 22/05/2026
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	15 May'2026 (07 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		AGE (Air)	12.17	48113.16	3953	3853 (26.57 Mpa)	Combined *
		AGE (Air)	12.17	45678.83	3753		Combined *
3		AGE (Air)	12.17	35463.73	2914	(271 kg/cm ²)	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 HOSEN

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.

