MILITARY ENGINEER SERVICES (MES)

MATERIAL TESTING LABORATORY

M E S
Material Testing Laboratory

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

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 385/2025-2026 (Con).
Send by : GE (Air) Tejgaon, Dhaka.
Ref. No : CE Air/253 of 2024-2025/70/E-6 Dt.17 Jun'26.
Project : Construction of Multipurpose Complex.
Sample : Concrete Cylinder
Location : Roof Floor Slab East Side.
Test : Compressive Strength Test of Concrete Cylinder [ASTM C39]

Type of Aggregate : Stone
Brand &Type of Cement : Crown Opc.
Proportion of Mixture : 1:1.5:3
Desired Design Strength : 2600 Psi
Date of Sample Collection : 18/06/2026
Date of Test : 18/06/2026

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
			(Sq. in)	(Lb)	(Psi)	(Psi)	
1	11 Jun'2026 (07 days)	GE (Air)	12.17	41947.70	3447	**3340** (23.03 Mpa) (234.83 kg/cm^2)	Combined *
2		GE (Air)	12.17	34687.77	2850		Combined *
3		GE (Air)	12.17	39357.27	3234		Combined *

Note: Samples were received in sealed condition. *Combined = Mortar and Aggregate Failure.

Material Testing Laboratory Military Engineer Services (MES)

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/cm^2=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 oder 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.