



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 : 342(D)/2025-2026 (Con). Type of Aggregate : Stone
Send by : GE (Air) Tejgaon, Dhaka. Brand & Type of Cement : Crown Opc.
Ref. No : CE Air/ of 2025-2026/08/E-6 Dt.30 Apr'2026. Proportion of Mixture : 1:1.5:3
Project : Construction of Medical Sqn. Desired Design Strength : 2600 Psi
Sample : Concrete Cylinder Date of Sample Collection : 05/05/2026
Location : 7th floor roof beam & slab. Date of Test : 11/05/2026
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	04 May'2026 (07 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		GE (Air)	12.17	30413.06	2499	3222	Combined *
		GE (Air)	12.17	36166.52	2972	(22.22 Mpa)	Combined *
3		GE (Air)	12.17	42252.81	3472	(227 kg/cm ²)	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 :

MD IKBAL HOSEN

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.

