



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 : 389/2025-2026 (Con).
 Send by : GE (Army) CMH, Dhaka.
 Ref. No : CEA/105 of 2025-2026/93/E-6 Dt. 28 Jun'26.
 Project : Construction of Multistoried Hospital Bldg.
 Sample : Concrete Cylinder
 Location : Ground floor roof slab.
 Test : Compressive Strength Test of Concrete Cylinder [ASTM C39]

Type of Aggregate : Stone
 Brand & Type of Cement : Crown Opc.
 Proportion of Mixture : 1:1.25:2.5
 Desired Design Strength : 3250 Psi
 Date of Sample Collection : 29/06/2026
 Date of Test : 29/06/2026

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	22 Jun'2026 (07 days)	GE (Army)	12.17	30617.82	2516	3329 (22.95 Mpa) (234.05 kg/cm ²)	Combined *
2		GE (Army)	12.17	43144.28	3545		Combined *
3		GE (Army)	12.17	37895.58	3114		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 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.

