



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 : 357/2025-2026 (Con). Type of Aggregate : Stone
Send by : GE (Army) Jashore. Brand & Type of Cement : Shah Op.
Ref. No : CEA/41 of 2025-2026 /08/E-6 Dt.22 Apr'2026. Proportion of Mixture : 1:1.5:3
Project : Construction of 1 x 72 Married Or's Qtr. Desired Design Strength : 3500 Psi
Sample : Concrete Cylinder Date of Sample Collection : 23/04/2026
Location : Roof slab, sunshade, shelves etc (1st floor). Date of Test : 15/05/2026
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	17 Apr'2026 (28 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		GE (Army)	12.17	44154.53	3628	3475	Combined *
		GE (Army)	12.17	38717.09	3181	(23.97 Mpa)	Combined *
3		GE (Army)	12.17	43995.27	3615	(244 kg/cm ²)	Combined *

Note: Samples were received in sealed condition.

*Combined = Mortar and Aggregate Failure.

Observation on Specimen(if any):

- As the strength is below the desired design strength, so nec. measures to be taken as per particular specifications of contract.



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

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[1 Mpa=145 psi, 1kg/cm²=14.223 Psi]

Important Note:

- Samples as supplied to the laboratory have been tested. The laboratory authority does not bear any responsibility as to the representative character of the
- It is recommended that samples are sent in a sealed cover/packet/container under signature of the competent authority
- 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.

