



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 : 332(D)/2025-2026 (Con). Type of Aggregate : Stone
Send by : GE (Army) Savar. Brand & Type of Cement : Shah Opc.
Ref. No : CEA/391 of 2024-2025 /13/E-6 Dt.26 Apr'2026. Proportion of Mixture : 1:1.5:3
Project : Construction of 1 x SMBK Complex. Desired Design Strength : 3500 Psi
Sample : Concrete Cylinder Date of Sample Collection : 27/04/2026
Location : Roof slab, sunshade, shelves etc. (4th floor) Date of Test : 20/05/2026
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			(Sq. in)	(Lb)	(Psi)	(Psi)	
2	22 Apr'2026 (28 days)	GE (Army)	12.17	52617.81	4324	3412 (23.53 Mpa) (239.89 kg/cm ²)	Combined *
		GE (Army)	12.17	40491.65	3327		Combined *
3		GE (Army)	12.17	42561.97	3497		Combined *

Note: Samples were received in sealed condition.

*Combined = Mortar and Aggregate Failure.

Observation on Specimen(if any):

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



Report Prepared by :

Test Performed by :

Countersigned by :

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AE B/R
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[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.

