



# MILITARY ENGINEER SERVICES (MES)



## MATERIAL TESTING LABORATORY

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

### TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 351/2025-2026 (Con). Type of Aggregate : Stone  
Send by : GE (Air) Kurmitola. Brand & Type of Cement : Supercrete Opc.  
Ref. No : CE Air/290 of 2024-2025/70/E-6 Dt.13 Apr'2026. Proportion of Mixture : 1:1.25:2.5  
Project : Construction of VOQ & Officer's Mess. Desired Design Strength : 4500 Psi  
Sample : Concrete Cylinder Date of Sample Collection : 13/04/2026  
Location : 1st floor Column, shear wall and lift wall. Date of Test : 04/05/2026  
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	06 Apr'2026 (28 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		GE (Army)	12.17	57349.98	4712	4729	Combined *
		GE (Army)	12.17	57765.88	4747	(32.61 Mpa)	Combined *
3		GE (Army)	12.17	71213.15	5852	(332 kg/cm <sup>2</sup> )	Combined *

Note: Samples were received in sealed condition.

\*Combined = Mortar and Aggregate Failure.

#### Observation on Specimen(if any):

1



Report Prepared by :

Test Performed by :

Countersigned by :

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SAE B/R  
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**AHASAN HABIB**  
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**MD ATIKUR RAHMAN**  
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[1 Mpa=145 psi, 1kg/cm<sup>2</sup>=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.

