



# 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 : 340(D)/2025-2026 (Con). Type of Aggregate : Brick  
Send by : GE (Army) Ghatail. Brand & Type of Cement : Elephant Opc.  
Ref. No : CEA/299 of 2024-2026/22/E-6 Dt.28 Apr'2026. Proportion of Mixture : 1:1.5:3  
Project : Construction of SMBK. Desired Design Strength : 3000 Psi  
Sample : Concrete Cylinder Date of Sample Collection : 28/04/2026  
Location : Roof & beam. Date of Test : 21/05/2026  
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	23 Apr'2026 (28 days)	GE(Army)	12.17	58169.00	4780	<b>4623</b> (31.88 Mpa) (325 kg/cm <sup>2</sup> )	Combined *
		GE(Army)	12.17	54642.63	4490		Combined *
3		GE(Army)	12.17	55962.18	4598		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 :

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  
OIC (Lab)  
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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.

