



# 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 : 345(D)/2025-2026 (Con). Type of Aggregate : Stone  
Send by : GE (Army) Sylhet. Brand & Type of Cement: Bashundhara Opc.  
Ref. No : 1/2025/Multipurpose complex/14/E-6 Dt.04 May'2026. Proportion of Mixture : 1:1.5:3  
Project : Construction of Multipurpose complex. Desired Design Strength : 1950 Psi  
Sample : Concrete Cylinder Date of Sample Collection : 10/05/2026  
Location : Pile Date of Test : 10/05/2026  
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	03 May'2026 (07 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		GE (Army)	12.17	28024.23	2303	<b>2227</b>	Combined *
		GE (Army)	12.17	26477.18	2176	(15.35 Mpa)	Combined *
3		GE (Army)	12.17	26795.69	2202	(157 kg/cm2)	Combined *

Note: Samples were received in sealed condition.

\*Combined = Mortar and Aggregate Failure.

### Observation on Specimen(if any):

1



Report Prepared by :

MD IKBAL HOSEN

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

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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
- 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.

