



# 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 : 364/2025-2026 (Con).  
Send by : GE (Army) Bogura.  
Ref. No : CEA/283 of 2022-2023/73/E-6 Dt.05 May'2026.  
Project : Construction of 1 x 20 OR's Qtr.  
Sample : Concrete Cylinder  
Location : 3rd floor roof slab.  
Test : Compressive Strength Test of Concrete Cylinder [ASTM C39]

Type of Aggregate : Stone  
Brand & Type of Cement : Fresh Opc.  
Proportion of Mixture : 1:1.5:3  
Desired Design Strength : 2275 Psi  
Date of Sample Collection : 07/05/2026  
Date of Test : 11/05/2026

### 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	04 May'2026 (07 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		GE (Army)	12.17	45223.81	3716	3466 (23.90 Mpa)	Combined *
3		GE (Army)	12.17	39149.36	3217		Combined *
		GE (Army)	12.17	30640.57	2518	(244 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 :

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)  
AHQ E in C 's Br  
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MD ATIKUR RAHMAN  
MAJOR  
OIC (Lab)  
AHQ E in C 's Br  
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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.

