



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 : 365/2025-2026 (Con). Type of Aggregate : Stone
Send by : GE (Army) Bogura. Brand & Type of Cement : Fresh Opc.
Ref. No : CEA/357 of 2022-2023/50/E-6 Dt.05 May'2026. Proportion of Mixture : 1:1.5:3
Project : Construction of 1 x SMBK complex. Desired Design Strength : 2275 Psi
Sample : Concrete Cylinder Date of Sample Collection : 07/05/2026
Location : 2nd floor roof slab. Date of Test : 11/05/2026
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	04 May'2026 (07 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		GE (Army)	12.17	38808.10	3189	3049	Combined *
		GE (Army)	12.17	53641.60	4408	(21.02 Mpa)	Combined *
3		GE (Army)	12.17	35395.48	2908	(214 kg/cm ²)	Combined *

Note: Samples were received in sealed condition.

*Combined = Mortar and Aggregate Failure.

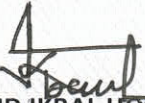
Observation on Specimen(if any):


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
Wks Dte, Dhaka Cantt.


MD ATIKUR RAHMAN
MAJOR
OIC (Lab)
AHQ E in C's Br
Wks Dte, Dhaka Cantt.

[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.

