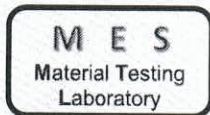




MILITARY ENGINEER SERVICES (MES)



MATERIAL TESTING LABORATORY

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

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 350/2025-2026 (Con). Type of Aggregate : Stone
Send by : GE (Army) Rangpur. Brand & Type of Cement : Crown Opc.
Ref. No : CEA/109 of 2025-2026/20/E-6 Dt.11 Apr'2026. Proportion of Mixture : 1:1.5:3
Project : Construction of 1 x SMBK. Desired Design Strength : 3500 Psi
Sample : Concrete Cylinder Date of Sample Collection : 12/04/2026
Location : 5th floor beam & slab. Date of Test : 03/05/2026
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 (Sq. in)	Maximum Load (Lb)	Crushing Strength (Psi)	Average Crushing Strength (Psi)	Mode of Failure
1	05 Apr'2026 (28 days)						
2		GE (Army)	12.17	40855.67	3357	***	Combined *
		GE (Army)	12.17	29601.83	2432		Combined *
3	GE (Army)	12.17	70699.05	5809	Combined *		

Note: Samples were received in sealed condition.

*Combined = Mortar and Aggregate Failure.

Observation on Specimen(if any):

- As per BNBC-2020 para No. 5.12.3.3 difference between provided samples are greater than 500 Psi. So no average result will be generated from this sample.



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:

- Samples as supplied to the laboratory have been tested. The laboratory authority does not bear any responsibility as to the representative character of the
- It is recommended that samples are sent in a sealed cover/packet/container under signature of the competent authority
- 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.

