



MILITARY ENGINEER SERVICES (MES)

MES
Material Testing
Laboratory

MATERIAL TESTING LABORATORY

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

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 352/2025-2026 (Con). Type of Aggregate : Stone
Send by : GE (Navy) Khulna. Brand & Type of Cement : Crown Op.
Ref. No : CEN/136 of 2025-2026 /04/E-6 Dt.15 Apr'2026. Proportion of Mixture : Readymix
Project : Construction of MT Pool. Desired Design Strength : 4000 Psi
Sample : Concrete Cylinder Date of Sample Collection : 16/04/2026
Location : Ground floor roof. Date of Test : 07/05/2026
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	09 Apr'2026 (28 days)						
2		GE (Navy)	12.17	40992.17	3368	3578 (24.67 Mpa)	Combined *
		GE (Navy)	12.17	46087.64	3787		Combined *
3	GE (Navy)	12.17	30015.57	2466	(252 kg/cm2)	Combined *	

Note: Samples were received in sealed condition.

*Combined = Mortar and Aggregate Failure.

Observation on Specimen(if any):

- As the strength is below the desired design strength, so nec. measures to be taken as per particulars specifications of contract.



Report Prepared by :

Test Performed by :

Countersigned by :

MD IKBAL HOSEN

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.

