



MILITARY ENGINEER SERVICES (MES)

M E S
Material Testing
Laboratory

MATERIAL TESTING LABORATORY

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

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 371(D)/2025-2026 (Con). Type of Aggregate : Stone
Send by : AGE (Army) Momenshahi. Brand & Type of Cement : Amancem Opc.
Ref. No : CEA/262 of 2022-2023/87/E-6 Dt.20 May'26. Proportion of Mixture : 1:1.25:2.5
Project : Construction of 1 x 660 SMBK. Desired Design Strength : 4000 Psi
Sample : Concrete Cylinder Date of Sample Collection : 21/05/2026
Location : Pile cap. Date of Test : 11/06/2026
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	14 May'2026 (28 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		AGE (Army)	12.17	39649.87	3258	***	Combined *
		AGE (Army)	12.17	58255.73	4787		Combined *
3	AGE (Army)	12.17	29714.53	2442	Combined *		

Note: Samples were received in sealed condition.

*Combined = Mortar and Aggregate Failure.

Observation on Specimen(if any):

- 1 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 HOSEN

SAE B/R
AHQ E in C's Br
Wks Dte, Dhaka Cantt.

AHASAN HABIB

AE B/R
Actg SO-III (Lab)
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MD ATIKUR RAHMAN

MAJOR
OIC (Lab)
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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 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.

