



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	: 02(D)/2026-2027 (Con).	Type of Aggregate	: Stone
Send by	: AGE (Army) Momenshahi.	Brand & Type of Cement	: Metrocem Opc.
Ref. No	: CEA/280 of 2022-2023/06/E-6 Dt.05 July'26.	Proportion of Mixture	: 1:1.5:3
Project	: Construction of 1 x 50 BOQ.	Desired Design Strength	: 2275 Psi
Sample	: Concrete Cylinder	Date of Sample Collection	: 06/07/2026
Location	: Pile Cap.	Date of Test	: 07/07/2026
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
			(Sq. in)	(Lb)	(Psi)	(Psi)	
1	30 Jun'2026 (07 days)	AGE (Army)	12.17	29685.04	2439	2407 (16.60 Mpa) (169.23 kg/cm ²)	Combined *
2		AGE (Army)	12.17	29980.80	2464		Combined *
3		AGE (Army)	12.17	28228.99	2320		Combined *

Note: Samples were received in sealed condition.

*Combined = Mortar and Aggregate Failure.

Observation on Specimen(if any):

1



Report Prepared by :

MD IKBAL HOSSEN

SAE B/R

AHQ E in C 's Br

Wks Dte, Dhaka Cantt.

Test Performed by :

AHASAN HABIB

AE B/R

Actg SO-III (Lab)

AHQ E in C 's Br

Wks Dte, Dhaka Cantt.

Countersigned by :

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.

