



MILITARY ENGINEER SERVICES (MES)

MATERIAL TESTING LABORATORY

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

MES
Material Testing
Laboratory

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No	: 386/2025-2026 (Con).	Type of Aggregate	: Stone
Send by	: AGE (Air) Air HQ (U)	Brand & Type of Cement	: Seven Rings Opc.
Ref. No	: CE Air/108 of 2025-2026/39/E-6 Dt.22 Jun'26.	Proportion of Mixture	: 1:1.5:3
Project	: Construction of Central Mosque.	Desired Design Strength	: 4000 Psi
Sample	: Concrete Cylinder	Date of Sample Collection	: 23/06/2026
Location	: Ground floor roof slab, sunshade & shelves.	Date of Test	: 24/06/2026
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
			(Sq. in)	(Lb)	(Psi)	(Psi)	
1	27 May'2026 (28 days)	AGE (Air)	12.17	79622.98	6543	***	Combined *
2		AGE (Air)	12.17	88040.77	7234		Combined *
3		AGE (Air)	12.17	73503.02	6040		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 :

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:

- 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.

