



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. : 371/2025-2026 (Con). Type of Aggregate : Stone
Send by : GE (Air) Tejgaon, Dhaka. Brand & Type of Cement : Seven rings Opc.
Ref. No : CE Air/24 of 2025-2026/64/E-6 Dt.13 May'2026. Proportion of Mixture : 1:1.5:3
Project : Construction of 1 x Hangar. Desired Design Strength : 2275 Psi
Sample : Concrete Cylinder Date of Sample Collection : 14/05/2026
Location : North side office block Ground floor. Date of Test : 14/05/2026
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	Maximum Load	Crushing Strength	Average Crushing Strength	Mode of Failure
1	07 May'2026 (07 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		GE (Air)	12.17	40855.67	3357	***	Combined *
		GE (Air)	12.17	29730.54	2443		Combined *
3	GE (Air)	12.17	67906.33	5580	Combined *		

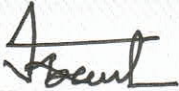
Note: Samples were received in sealed condition.

*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.

