



# 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 : 3500 Psi  
Sample : Concrete Cylinder Date of Sample Collection : 14/05/2026  
Location : North & South side office block Ground floor. Date of Test : 04/06/2026  
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	07 May'2026 (28 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		GE (Air)	12.17	42994.24	3533	3651 (25.17 Mpa)	Combined *
		GE (Air)	12.17	36919.78	3034		Combined *
3		GE (Air)	12.17	45860.84	3768	(257 kg/cm <sup>2</sup> ) Combined *	

Note: Samples were received in sealed condition.

\*Combined = Mortar and Aggregate Failure.

#### Observation on Specimen(if any):

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SAE B/R  
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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/cm<sup>2</sup>=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.

