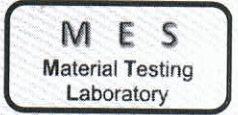




# MILITARY ENGINEER SERVICES (MES)



## MATERIAL TESTING LABORATORY

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

### TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 361/2025-2026 (Con). Type of Aggregate : Stone  
Send by : GE (Air) Tejgaon, Dhaka. Brand & Type of Cement : Seven rings Opc.  
Ref. No : CE Air/24 of 2025-2026/58/E-6 Dt.28 Apr'2026. Proportion of Mixture : 1:1.25:2.5  
Project : Construction of 1 x Hangar. Desired Design Strength : 2700 Psi  
Sample : Concrete Cylinder Date of Sample Collection : 30/04/2026  
Location : Ground floor box column. Date of Test : 30/04/2026  
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 (Sq. in)	Maximum Load (Lb)	Crushing Strength (Psi)	Average Crushing Strength (Psi)	Mode of Failure
1	23 Apr'2026 (07 days)						
2		GE (Air)	12.17	82080.06	6744	4712 (32.50 Mpa)	Combined *
		GE (Air)	12.17	59898.06	4922		Combined *
3	GE (Air)	12.17	54801.89	4503	(331 kg/cm <sup>2</sup> )	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/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.

