



# 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 : 332(D)/2025-2026 (Con). Type of Aggregate : Stone  
Send by : GE (Army) Savar. Brand & Type of Cement : Shah Opc.  
Ref. No : CEA/391 of 2024-2025 /13/E-6 Dt.26 Apr'2026. Proportion of Mixture : 1:1.5:3  
Project : Construction of 1 x SMBK Complex. Desired Design Strength : 2275 Psi  
Sample : Concrete Cylinder Date of Sample Collection : 27/04/2026  
Location : Roof slab, sunshade, shelves etc. (4th floor) Date of Test : 29/04/2026  
Test : Compressive Strength Test of Concrete Cylinder [ASTM C39]

#### TEST REPORT

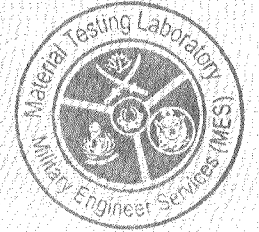
SL No.	Date of casting as per the letter	Specimen Designation/ Frog Mark	Specimen Area	Maximum Load	Crushing Strength	Average Crushing Strength	Mode of Failure
1	22 Apr'2026 (7 days)		(Sq. in)	(Lb)	(Psi)	(Psi)	
2		GE (Army)	12.17	29753.29	2445	2566 (17.70 Mpa)	Combined *
		GE (Army)	12.17	31368.59	2578		Combined *
3		GE (Army)	12.17	32574.38	2677	(180 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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Report Prepared by :

Test Performed by :

Countersigned by :

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SAE B/R

AHQ E in C's Br

Wks Dte, Dhaka Cantt.

AHASAN HABIB

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MAJOR

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[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.

