MILITARY ENGINEER SERVICES (MES)

MATERIAL TESTING LABORATORY

M E S
Material Testing
Laboratory

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

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 363/2025-2026 (Con).
Send by : GE (Army) Jashore.
Ref. No : CEA/110 of 2025-2026/10/E-6 Dt.04 May'2026.
Project : Construction of 1 x SMBK.
Sample : Concrete Cylinder
Location : 1st floor typical roof slab.
Test : Compressive Strength Test of Concrete Cylinder [ASTM C39]

Type of Aggregate : Stone
Brand &Type of Cement : Seven rings Opc.
Proportion of Mixture : 1:1.5:3
Desired Design Strength : 2275 Psi
Date of Sample Collection : 05/05/2026
Date of Test : 11/05/2026

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			(Sq. in)	(Lb)	(Psi)	(Psi)	
2	04 May'2026 (07 days)	GE (Army)	12.17	56303.44	4626	**4527** (31.22 Mpa) (318 kg/cm2)	Combined *
3		GE (Army)	12.17	46975.62	3860		Combined *
		GE (Army)	12.17	53891.86	4428		Combined *

Note: Samples were received in sealed condition. *Combined = Mortar and Aggregate Failure.

Observation on Specimen(if any):
1

Material Testing Laboratory Military Engineer Services (MES)

Report Prepared by :

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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:

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 oder 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.