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 : 03/2026-2027 (Con).
Send by : GE (Army) Jalalabad
Ref. No : CEA/273 of 2025-2026/07/E-6 Dt.02 Jul'26.
Project : Renewal/Modification/Alternation Bldg No-164
Sample : Concrete Cylinder
Location : West side of 2nd floor.
Test : Compressive Strength Test of Concrete Cylinder [ASTM C39]

Type of Aggregate : Brick
Brand &Type of Cement : Shah Opc.
Proportion of Mixture : 1:2:4
Desired Design Strength : 1625 Psi
Date of Sample Collection : 05/07/2026
Date of Test : 06/07/2026

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
			(Sq. in)	(Lb)	(Psi)	(Psi)	
1	29 Jun'2026 (07 days)	GE (Army)	12.17	26636.43	2189	**2186** (15.07 Mpa) (153.69 kg/cm^2)	Combined *
2		GE (Army)	12.17	27887.73	2292		Combined *
3		GE (Army)	12.17	25294.14	2078		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
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Countersigned by :
MD ATIKUR RAHMAN
MAJOR
OIC (Lab)
AHQ E in C 's Br
Wks Dte, Dhaka Cantt.

[1 Mpa=145 psi, 1kg/cm^2=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 sample
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.