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	: 359/2025-2026 (Con).	Type of Aggregate	: Stone
Send by	: GE (Army) Cumilla.	Brand &Type of Cement	: Royal Opc.
Ref. No	: CEA/256 of 2022-2023/70/E-6 Dt.27 Apr'2026.	Proportion of Mixture	: 1:1.5:3
Project	: Construction of 1 x 56 Family Qtr.	Desired Design Strength	: 3000 Psi
Sample	: Concrete Cylinder	Date of Sample Collection	: 28/04/2026
Location	: 2nd floor roof slab.	Date of Test	: 09/05/2026
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			(Sq. in)	(Lb)	(Psi)	(Psi)	
2	25 Apr'2026 (14 days)	GE (Army)	12.17	39672.63	3260	**3405** (23.48 Mpa) (239 kg/cm2)	Combined *
		GE (Army)	12.17	42084.21	3458		Combined *
3		GE (Army)	12.17	42561.97	3497		Combined *

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

Material Testing Laboratory Military Engineer Services (MES)

Observation on Specimen(if any):

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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.