



MILITARY ENGINEER SERVICES (MES)

M E S
Material Testing
Laboratory

MATERIAL TESTING LABORATORY

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

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No	: 01/2026-2027 (Con).	Type of Aggregate	: Stone
Send by	: AGE (Navy) Mongla.	Brand & Type of Cement	: Elephant Opc.
Ref. No	: EinC /106 of 2025-2026/02/E-6 Dt.30 Jun'26.	Proportion of Mixture	: 1:2.894:2.698
Project	: Construction of 1 x Mongla Annex SMBK.	Desired Design Strength	: 4000 Psi (Adm)
Sample	: Concrete Cylinder	Date of Sample Collection	: 02/07/2026
Location	: 3rd floor column.	Date of Test	: 24/07/2026
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
			(Sq. in)	(Lb)	(Psi)	(Psi)	
1	26 Jun'2026 (28 days)	AGE (Navy)	12.17	53914.61	4430	4321 (29.80 Mpa) (303.80 kg/cm ²)	Combined *
2		AGE (Navy)	12.17	50570.25	4155		Combined *
3		AGE (Navy)	12.17	53277.59	4378		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 :

MD IKBAL HOSSEN

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MAJOR
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[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 sample to be tested.
- 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.

