



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 : 355/2025-2026 (Con). Type of Aggregate : Stone
Send by : AGE (Army) Rajendrapur. Brand & Type of Cement : Shah Opc.
Ref. No : CEA/354 of 2022-2023/80/E-6 Dt.20 Apr'2026. Proportion of Mixture : 1:1.25:2.5
Project : Construction of 1 x52 C/D type Officer's Qtr. Desired Design Strength : 4500 Psi
Sample : Concrete Cylinder Date of Sample Collection : 21/04/2026
Location : Wall, Column, Posts and Struts (6th floor). Date of Test : 12/05/2026
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 | 14 Apr'2026 (28 days) | | (Sq. in) | (Lb) | (Psi) | (Psi) | |
| 2 | | AGE (Army) | 12.17 | 62969.42 | 5174 | 5283 | Combined * |
| | | AGE (Army) | 12.17 | 66117.11 | 5433 | (36.43 Mpa) | Combined * |
| 3 | | AGE (Army) | 12.17 | 63782.36 | 5241 | (371.44 kg/cm ²) | Combined * |

Note: Samples were received in sealed condition.

*Combined = Mortar and Aggregate Failure.

Observation on Specimen(if any):

1



Report Prepared by :

Test Performed by :

Countersigned by :

MD IKBAL HOSSEN

SAE B/R
AHQ E in C 's Br
Wks Dte, Dhaka Cantt.

AHASAN HABIB

AE B/R
Actg SO-III (Lab)
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MD ATIKUR RAHMAN

MAJOR
OIC (Lab)
AHQ E in C 's Br
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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
- 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.

