



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 : 345(D)/2025-2026 (Con). Type of Aggregate : Stone
Send by : GE (Army) Sylhet. Brand & Type of Cement: Bashundhara Opc.
Ref. No : 1/2025/Multipurpose complex/14/E-6 Dt.04 May'2026. Proportion of Mixture : 1:1.5:3
Project : Construction of Multipurpose complex. Desired Design Strength : 3000 Psi
Sample : Concrete Cylinder Date of Sample Collection : 10/05/2026
Location : Pile Date of Test : 31/05/2026
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 (Sq. in) | Maximum Load (Lb) | Crushing Strength (Psi) | Average Crushing Strength (Psi) | Mode of Failure |
|--------|-----------------------------------|------------------------------------|---------------------------|----------------------|----------------------------|------------------------------------|-----------------|
| 1 | 03 May'2026 (28 days) | | | | | | |
| 2 | | GE (Army) | 12.17 | 41720.19 | 3428 | 3308 | Combined * |
| | | GE (Army) | 12.17 | 41424.43 | 3404 | (22.81 Mpa) | Combined * |
| 3 | | GE (Army) | 12.17 | 37647.81 | 3093 | (233 kg/cm ²) | Combined * |

Note: Samples were received in sealed condition.

*Combined = Mortar and Aggregate Failure.

Observation on Specimen(if any):

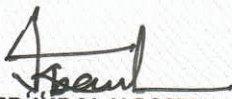
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Report Prepared by :

Test Performed by :

Countersigned by :


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AHQ E in C's Br
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Actg SO-III (Lab)
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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
- 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.

