



MILITARY ENGINEER SERVICES (MES)



MATERIAL TESTING LABORATORY

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

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 338(D)/2025-2026 (Con). Type of Aggregate : Stone
Send by : GE (Army) Cumilla. Brand & Type of Cement : Royal Opc.
Ref. No : CEA/289 of 2022-2023/65/E-6 Dt.26 Apr'2026. Proportion of Mixture : 1:1.5:3
Project : Construction of 1 x 'B' Type Qtr. Desired Design Strength : 2275 Psi
Sample : Concrete Cylinder Date of Sample Collection : 27/04/2026
Location : Foundation. Date of Test : 30/04/2026
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 | 23 Apr'2026 (07 days) | | (Sq. in) | (Lb) | (Psi) | (Psi) | |
| 2 | | GE(Army) | 12.17 | 29298.27 | 2407 | 2599 | Combined * |
| | | GE(Army) | 12.17 | 33962.18 | 2791 | (17.92 Mpa) | Combined * |
| 3 | | GE(Army) | 12.17 | 21813.27 | 1792 | (183 kg/cm2) | 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 :

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SAE B/R
AHQ E in C's Br
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AHASAN HABIB
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MD ATIKUR RAHMAN
MAJOR
OIC (Lab)
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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.

