



**MATERIAL TESTING LABORATORY**  
**MILITARY ENGINEER SERVICE(MES)**

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**TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE**

Job No : 145(D)/2025-2026 (Con).

Name of Client : AGE(Army) Momenshahi.

Ref ltr no : PDCAS/78 of 2024-2025/219 Dt.24 Nov' 2025.

Name of the project : Construction of 1 x 52 (B+G+13) Officer's Studio Type Apartment.

Status of sample : 10th floor roof slab.

Dt of sample collection: 25 Nov'2025

Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")

Type of Aggregate : Stone

Brand &Type of Cement : Shah Opc.

Proportion of Mixture : 1:1.25:2.50

Desired Design Strength : 2400 Psi .

| Ser no. | Date of casting<br>and<br>(Age in days) | Date of Test | Specimen<br>Area<br>Sq inch | Maximum Load<br>(Lbs) | Crushing<br>Strength<br>(Psi) | Average<br>Crushing<br>Strength<br>(Psi)  | Remarks          |
|---------|---|--------------|-----------------------------|-----------------------|-------------------------------|---|------------------|
| 1       | 19 Nov'2025<br>(07 days)                | 26 Nov'2025  | 12.17                       | 32248.51              | 2650                          | Average of<br>Sample 1, 2 & 3<br><br>2694 | Combined Failure |
| 2       |   |              | 12.17                       | 32020.69              | 2631                          |   |                  |
| 3       |   |              | 12.17                       | 34093.87              | 2801                          |   |                  |

**Cautions :**

- 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 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.

**Observation on Specimen(if any):**

1

Laboratory Technician

Test Performed By

Vetted By