



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

170

Copy no : 02

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

Job No : 71/2025-2026 (Con).  
Name of Client : GE (Army) South, Dhaka.  
Ref ltr no : CEA/356 of 2022-2023/88/E-6 Dt.10 Aug'2025.  
Name of the project : Construction of 1 x 52 (C/D Type) Officer's Qtr.  
Status of sample : 9th floor roof .  
Dt of sample collection: 12 Aug'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 : 1:1.5:3  
Desired Design Strength : 4500 Psi.

| Ser no. | Date of casting and<br>(Age in days) | Date of Test | Specimen Area<br>Sq inch | Maximum Load<br>(Lbs) | Crushing Strength<br>(Psi) | Average Crushing Strength<br>(Psi)     | Remarks          |
|---------|--------------------------------------|--------------|--------------------------|-----------------------|----------------------------|----------------------------------------|------------------|
| 1       | 08 Aug'2025<br>(28 days)             | 05 Sep'2025  | 12.17                    | 61204.93              | 5029                       | Average of<br>Sample 1 & 3<br><br>5046 | Combined Failure |
| 2       |                                      |              | 12.17                    | 53879.09              | 4427                       |                                        |                  |
| 3       |                                      |              | 12.17                    | 61606.95              | 5062                       |                                        |                  |

**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):**

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Laboratory Technician

Test Performed By

Vetted By

Note:[1 Mpa=145 psi, 1kg/cm<sup>2</sup>=14.223 Psi]