



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

Page No: 133

Copy no : 01

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

Job No : 103/2025-2026 (Con).  
Name of Client : GE (Air) Tejgaon.  
Ref ltr no : CE Air/187 of 2024-2025/18/E-6 Dt.24 Aug'2025.  
Name of the project : Construction of Multipurpose Complex.  
Status of sample : 1st floor roof.  
Dt of sample collection: 25 Aug'2025  
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")  
Type of Aggregate : Stone  
Brand & Type of Cement : Crown Opc.  
Proportion of Mixture : 1:1.5:3  
Desired Design Strength : 2600 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       | 18 Aug'2025<br>(07 days)             | 25 Aug'2025  | 12.17                    | 57988.71              | 4765                       | Average of<br>Sample 1 & 2<br><br>4602 | Combined Failure |
| 2       |                                      |              | 12.17                    | 54013.10              | 4438                       |                                        |                  |
| 3       |                                      |              | 12.17                    | 45950.21              | 3776                       |                                        |                  |

**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

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