# MATERIAL TESTING LABORATORY
# MILITARY ENGINEER SERVICES(MES)



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

Job No : 157/2024-2025 (Con).
Name of Client : GE (Air) Tejgaon.
Ref ltr no : CE Air/250 of 2024-2025/06/E-6 Dt.14 Sep'2025.
Name of the project : Construction of water reservoir and pump house.
Status of sample : Beam,Column and Share wall.
Dt of sample collection: 15 Sep'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 : 2275 Psi

| Ser no. | Date of casting and (Age in days) | Date of Test | Specimen Area Sq inch | Maximum Load (Lbs) | Crushing Strength (Psi) | Average Crushing Strength (Psi) | Remarks |
|---|---|---|---|---|---|---|---|
| 1 | 08 Sep'2025 (07 days) | 15 Sep'2025 | 12.17 | 19565.63 | 1608 | Average of Sample 1, 2 & 3 1737 | Combined Failure |
| 2 | | | 12.17 | 22431.59 | 1843 | | |
| 3 | | | 12.17 | 21404.18 | 1759 | | |

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 oder 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.

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

1 As the strength is below the desired design strength, so nec. measures to be taken as per particular specifications of contract.

Laboratory Technician  Test Performed By  Vetted By