



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 182/2023-2024 (Con).
Name of Client : GE (Air) Tejgaon, Dhaka.
Ref ltr no : CE Air/181 of 2022-2023/56/E-6 Dt.05 Oct'2023.
Name of the project : Construction of Airmen Barrack.
Status of sample : 12th floor roof.
Dt of sample collection: 08 Oct'2023
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Seven rings 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 | 02 Oct'2023 (07 days) | 09 Oct'2023 | 12.17 | 51199.96 | 4207 | Average of sample 1 & 2 4448 | Combined Failure |
| 2 | | | 12.17 | 57055.17 | 4688 | | |
| 3 | | | 12.17 | 49448.01 | 4063 | | |

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 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

Laboratory Technician

Test Performed By

Vetted By

Note:[1 Mpa=145 psi, 1kg/cm2=14.223 Psi]