



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 07/2023-2024 (Con).
Name of Client : GE (Air) Tejgaon, Dhaka.
Ref ltr no : CE Air/43 of 2022-2023/17/E-6 Dt.03 July 2023.
Name of the project : Vartical Extension of existing Bldg No PT-250.
Status of sample : 2nd floor roof.
Dt of sample collection: 04 July'2023
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Brick.
Brand &Type of Cement : Bengal Opc.
Proportion of Mixture : 1:2:4
Desired Design Strength : 1625 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	27 Jun'2023 (07 days)	04 July'2023	12.17	19985.22	1642	Average of Sample 1, 2 & 3 1794	Combined Failure
2			12.17	21220.81	1744		
3			12.17	24298.26	1997		

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]