MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 126/2023-2024 (Con).
Name of Client : GE (Air) Tejgaon, Dhaka.
Ref ltr no : CE Air/159 of 2022-2023/46/E-6 Dt.12 Sep' 2023.
Name of the project : Construction of Medical Squadron.
Status of sample : Column, retaining wall & shear wall.
Dt of sample collection: 14 Sep'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 : 1:1.25:2.5
Desired Design Strength : 4500 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	06 Sep'2023 (28 days)	04 Oct'2023	12.17	72038.98	5919	Average of Sample 1, 2 & 3 5698	Combined Failure
2			12.17	67244.16	5525		
3			12.17	68742.55	5649		

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

Laboratory Technician Test Performed By Vetted By

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