MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 208/2023-2024 (Con).
Name of Client : GE (Air) Tejgaon,Dhaka.
Ref ltr no : CE Air/181 of 2022-2023/58/E-6 Dt.15 Oct' 2023.
Name of the project : Construction of Airmen Barrack.
Status of sample : 6th floor roof.
Dt of sample collection: 16 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	09 Oct '2023 (07 days)	16 Oct'2023	12.17	43892.47	3607	Average of Sample 1 & 2 3520	Combined Failure
2			12.17	41794.74	3434		
3			12.17	52398.67	4306		

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]