MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 714/2022-2023(Con).
Name of Client : GE (Army) South,Dhaka.
Ref ltr no : 6000/Misc/24/E-6 Dt.28 Feb'2023.
Name of the project : Construction of 1 X 52 Married OR's Qtr.
Status of sample : Water reservoir bottom slab.
Dt of sample collection: 28 Feb'2023
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 : 3500 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	23 Feb'2023 (28 days)	23 Mar'2023	12.17	103205.31	8480	Average of Sample 1, 2 & 3 8338	Combined Failure
2			12.17	102675.12	8437		
3			12.17	98525.75	8096		

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 The strength of this concrete is higher than the normal concrete.

Laboratory Technician Test Performed By Vetted By

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