MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 120/2022-2023(Con).
Name of Clint : GE (Air) kurmitola Dhaka
Ref ltr no : 6427/09/E-6 Dt.01 Sept'2022.
Name of the project : Construction of Barrack for Civil Staff.
Status of sample : Foundation.
Dt of sample collection : 04 Sept'2022
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Crown Opc.
Proportion of Mixture : 1:1.5:3
Desired Design Strength : 2500 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	29 Aug'2022 (7 days)	05 Sept'2022	12.17	48122.92	3954	Average of Sample 1 & 2	Aggregate /Morter/Both Failure
2			12.17	53848.02	4425		
3			12.17	42834.85	3520	4189	

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]
Instrument Calibration : Y = 0.972*X - 10.18 KN