



**MATERIAL TESTING LABORATORY  
MILITARY ENGINEER SERVICE(MES)**

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**TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE**

Job No : 201/2022-2023(Con).  
Name of Clint : GE (Air) Tejgaon,Dhaka. Sample Specimen: Ht 200mm(8") Dia 100 mm(4")  
Ref ltr no : CE Air/06 of 2022-2023/32/E-6 Dt.27 Sep'2022. Type of Aggregate : Stone  
Name of the project : Construction of Structure up to 5th floor with Remaning Portion. Brand &Type of Cement : Metrocem Opc.  
Status of sample : 4th floor slab. Proportion of Mixture : 1:1.5:3  
Dt of sample collection : 28 Sep'2022 Desired Design Strength : 2275 Psi  
Test Standard : ASTM/BS

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	22 Sep'2022 (7 days)	29 Sep'2022	12.17	79173.95	6506	Average of Sample 1 & 2  6491	Combined Failure
2			12.17	78824.32	6477		
3			12.17	72094.05	5924		

**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

