



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

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

Job No : 291/2022-2023(Con).  
Name of Clint : GE (Army) South,Dhaka.  
Ref ltr no : 6000/Misc/59/E-6 Dt.27 Oct'2022.  
Name of the project : Kakrail DGFI Shoinik Line.  
Status of sample : Basement Roof.  
Dt of sample collection : 27 Oct'2022  
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 : 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	21 Oct'2022 (7 days)	28 Oct' 2022	12.17	41086.73	3376	Average of Sample 1, 2 & 3  3325	Combined Failure
2			12.17	42791.14	3516		
3			12.17	37503.07	3082		

**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 order 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/cm<sup>2</sup>=14.223]

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

