



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

Page No : 162

Copy no : 01

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

Job No : 120/2023-2024 (Con).  
Name of Client : GE (Army) Bogura.  
Ref ltr no : CEA/377 of 2022-2023/12/E-6 Dt.12 Sep'2023.  
Name of the project : Construction of 1 x 10 'B' type Officer's Qtr.  
Status of sample : Ground floor slab.(Before casting)  
Dt of sample collection: 14 Sep'2023  
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")  
Type of Aggregate : Stone  
Brand &Type of Cement : Elephant 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	10 Sep'2023 (7 days)	17 Sep'2023	12.17	39604.80	3254	Average of Sample 2 & 3  2538	Combined Failure
2			12.17	30752.82	2527		
3			12.17	31029.45	2550		

**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/cm2=14.223 Psi]