



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

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

Job No : 91/2023-2024 (Con).  
Name of Client : GE (Army) Cumilla.  
Ref ltr no : EinC/240 of 2021-2022/31/E-6 Dt.24 Aug'2023.  
Name of the project : Construction of 1 x SMBK.  
Status of sample : Pile cap.  
Dt of sample collection: 28 Aug'2023  
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")  
Type of Aggregate : Stone  
Brand &Type of Cement : Seven rings 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	21 Aug'2023 (28 days)	18 Sep'2023	12.17	34925.24	2870	Average of Sample 2 & 3  1405	Combined Failure
2			12.17	16983.85	1396		
3			12.17	17202.85	1414		

**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 As the strength is below the desired design strength, so nec. measures to be taken as per particular specifications of contract.

Laboratory Technician

Test Performed By

Vetted By

Note:[1 Mpa=145 psi, 1kg/cm<sup>2</sup>=14.223 Psi]