



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

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

Job No : 582/2022-2023(Con).  
Name of Client : GE (Army) Cumilla.  
Ref ltr no : CEA/306 of 2021-2022/44/E-6 Dt.18 Jan'2023.  
Name of the project : Construction of 1 X SMBK.  
Status of sample : 2nd floor roof slab.  
Dt of sample collection: 19 Jan'2023  
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")  
Type of Aggregate : Stone  
Brand &Type of Cement : Royal 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	12 Jan'2023 (7 days)	19 Jan'2023	12.17	28424.57	2336	Average of Sample 1 & 2  2228	Combined Failure
2			12.17	25796.64	2120		
3			12.17	22154.42	1820		

**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]