



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

Page No : 211

Copy no : 01

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

Job No : 165/2023-2024 (Con).  
Name of Client : GE (Air) Kurmitola.  
Ref ltr no : 6412/83/E-6 Dt.25 Sep' 2023.  
Name of the project : Construction of 1 X 72 Airmen type Qtr.  
Status of sample : 1st Floor Roof.  
Dt of sample collection: 26 Sep'2023  
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")  
Type of Aggregate : Stone  
Brand &Type of Cement : Metrocem Opc.  
Proportion of Mixture : 1:1.5:3  
Desired Design Strength : 4000 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	30 Aug'2023 (28 days)	27 Sep'2023	12.17	80130.24	6584	Average of Sample 2 & 3  6002	Combined Failure
2			12.17	73306.85	6024		
3			12.17	72776.65	5980		

**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]