



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

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

Job No : 419/2024-2025 (Con).  
Name of Client : GE (Air) Kurmitola.  
Ref ltr no : CE Air/139 of 2022-2023/156/E-6 Dt.13 Jan' 2025.  
Name of the project : Construction of 1 x 72 Airmen type Qtr.  
Status of sample : 8th floor roof.  
Dt of sample collection: 13 Jan'2025  
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 : 2800 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	07 Jan' 2025 (07 days)	14 Jan'2025	12.17	44026.93	3618	Average of Sample 1 & 2  3763	Combined Failure
2			12.17	47558.18	3908		
3			12.17	41065.24	3374		

**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