



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

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

Job No : 658/2022-2023 (Con).

Name of Client : GE (Air) Kurmitola.

Ref ltr no : 6401/18/E-6 Dt.06 Feb'2023.

Name of the project : Construction of Airmen Barrack.

Status of sample : Roof.

Dt of sample collection: 07 Feb'2023

Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")

Type of Aggregate : Brick

Brand &Type of Cement : Metrocem Opc.

Proportion of Mixture : 1:2:4

Desired Design Strength : 1625 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       | 01 Feb'2023<br>(7 days)           | 08 Feb'2023  | 12.17                 | 47972.68           | 3942                    | Average of<br>Sample 2 & 3<br><br>4491 | Combined Failure |
| 2       |                                   |              | 12.17                 | 56986.02           | 4682                    |  |                  |
| 3       |                                   |              | 12.17                 | 52329.51           | 4300                    |  |                  |

**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]