



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

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

Job No : 1001/2020-2021(Con).  
Name of Client : GE (Army) PMB. Copy No. : 02  
Ref Itr No : EinC/363 of 2018-2019/30/E-6 Dt. 30 May'2021. Sample Specimen : HT 200mm (8"), Dia 100mm (4")  
Project Name : EinC/363 of 2018-2019. Type of Aggregate : Stone  
Status of Sample : 3rd floor roof. Brand & Type of Cement : Elephant opc.  
Date of Collection : Tuesday, 01 June, 2021 Proportion of Mixture : 1:1.5:3  
Test Standard : ASTM/BS Desired Design Strength : 246 Kg/Cm<sup>2</sup> (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) | Type of Failure                         |
|--------|-----------------------------------|--------------|-----------------------|---------------------|-------------------------|---------------------------------|---|
| 1      | 27-May-21<br>(28 days)            | 24-Jun-21    | 12.17                 | 54365               | 4467                    | 3591                            | Aggregate/<br>Mortar or Both<br>Failure |
| 2      |                                   |              | 12.17                 | 29557               | 2429                    |                                 |   |
| 3      |                                   |              | 12.17                 | 47202               | 3879                    |                                 |   |

**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 samples to be tested.
2. It is recommended that the samples are sent in a secure and sealed cover/packet/container under signature of the competent authority.
3. In order to avoid fraudulent fabrication of the test results, it is recommended that all test reports should be collected by duly authorized person and not by the contractor/supplier.

**Observation on Specimen(if any):**

- 1.

Laboratory Technichian

Test Performed By

Vetted By

This is a computer generated copy

No signature is required

**Permissible Value:**

- 1.

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