



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

Page No : 206

Copy no : 01

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

Job No : 152/2023-2024 (Con).  
Name of Client : AGE (Army) Bhatiary.  
Ref ltr no : CEA/533 of 2022-2023/02/E-6 Dt.21 Sep' 2023.  
Name of the project : Construction of 1 X Bridge.  
Status of sample : Pre cast pile .  
Dt of sample collection: 24 Sep'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 : 1950 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       | 20 Sep'2023<br>(07 days)          | 27 Sep'2023  | 12.17                 | 25335.60           | 2082                    | Average of<br>Sample 1 & 2<br><br>2212 | Combined Failure |
| 2       |                                   |              | 12.17                 | 28493.72           | 2341                    |  |                  |
| 3       |                                   |              | 12.17                 | 43961.63           | 3612                    |  |                  |

**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]