# MATERIAL TESTING LABORATORY
# MILITARY ENGINEER SERVICE(MES)

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

Job No : 580/2022-2023(Con).
Name of Clint : GE (Army) Jashore.
Ref ltr no : CEA/408 of 2021-2022/69/E-6 Dt.18 Jan'2023.
Name of the project : Construction of 1 x SMBK.
Status of sample : 3rd floor roof slab, Sunshade, Shelves etc.
Dt of sample collection : 19 Jan'2023
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone.
Brand &Type of Cement : Seven rings Opc.
Proportion of Mixture : 1:1.5:3
Desired Design Strength : 2275 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 | 13 Jan'2023 (7 days) | 20 Jan'2023 | 12.17 | 51292.17 | 4215 | Average of Sample 2 & 3 3743 | Combined Failure |
| 2 | | | 12.17 | 44099.94 | 3624 | | |
| 3 | | | 12.17 | 47004.49 | 3862 | | |

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 oder 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):**

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Laboratory Technician  Test Performed By  Vetted By

Note:[1 Mpa=145 psi, 1kg/cm2=14.223]