



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 105/2025-2026 (Con).
Name of Client : GE (Army) Savar.
Ref ltr no : EinC/173 of 2021-2022/138/E-6 Dt.24 Aug'2025.
Name of the project : Construction of 1 x Staff Building.
Status of sample : 5th floor Column.
Dt of sample collection: 25 Aug'2025
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand & Type of Cement : Elephant Opc.
Proportion of Mixture : 1:1.25:2.5
Desired Design Strength : 4500 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 Aug'2025 (28 days)	17 Sep'2025	12.17	56871.96	4673	Average of Sample 1 & 2 4573	Combined Failure
2			12.17	54437.46	4473		
3			12.17	42197.95	3467		

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 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]