



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 86/2023-2024 (Con).
Name of Client : GE (Army) Rangpur.
Ref ltr no : CEA/391 of 2021-2022/51/E-6 Dt.21 Aug 2023.
Name of the project : Construction of Station Central School.
Status of sample : 1st floor roof.
Dt of sample collection: 22 Aug'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 : 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)	Remarks
1	16 Aug'2023 (28 days)	13 Sep'2023	12.17	15773.62	1296	Average of Sample 1, 2 & 3 1260	Combined Failure
2			12.17	16343.00	1343		
3			12.17	13871.83	1140		

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 As the strength is below the desired design strength, so nec. measures to be taken as per particular specifications of contract.

Laboratory Technician

Test Performed By

Vetted By

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