



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 129/2023-2024 (Con).
Name of Client : GE (Army) Sylhet.
Ref ltr no : PDCAS/51 of 2020-2021/100/E-6 Dt.17 Sep 2023.
Name of the project : Construction of 1 x 112 OR's Qtr.
Status of sample : 4th floor Column.
Dt of sample collection: 18 Sep'2023
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Fresh Opc.
Proportion of Mixture : 1:1.25:2.5
Desired Design Strength : 2639 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	14 Sep'2023 (07 days)	21 Sep'2023	12.17	91817.62	7545	Average of Sample 1 & 2 7319	Combined Failure
2			12.17	86331.23	7094		
3			12.17	85040.32	6988		

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 The strength of this concrete is higher than the normal concrete.

Laboratory Technician

Test Performed By

Vetted By

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