



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

Page No : 149

Copy no : 02

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 82/2023-2024 (Con).
Name of Client : GE (Army) Jalalabad.
Ref ltr no : EinC/255 of 2022-2023/05/E-4 Dt.21 Aug 2023.
Name of the project : Construction of Iron removal plant.
Status of sample : Plant room 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 : Crown 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	35294.07	2900	Average of Sample 1 & 3 2739	Combined Failure
2			12.17	75151.01	6175		
3			12.17	31375.23	2578		

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]