



**MATERIAL TESTING LABORATORY**  
**MILITARY ENGINEER SERVICE(MES)**

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

Job No : 81/2023-2024 (Con).  
Name of Client : GE (Army) Jalalabad.  
Ref ltr no : EinC/255 of 2022-2023/04/E4 Dt.21 Aug' 2023.  
IName of the project : Iron removal plant.  
Status of sample : CWC Wall.  
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	19 Aug'2023 (28 days)	16 Sep'2023	12.17	54127.57	4448	Average of Sample 1 & 2 4558	Combined Failure
2			12.17	56824.91	4669		
3			12.17	50600.61	4158		

**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

Laboratory Technician

Test Performed By

Vetted By

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





