



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 79/2023-2024 (Con).
Name of Client : AGE (Air) Cox's Bazar. Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Ref ltr no : CE Air/189 of 2019-2020/106/E-6 Dt.21 21 Aug'2023. Type of Aggregate : Stone.
Name of the project : Construction of Raised platform with ramp. Brand &Type of Cement : Confidence Opc
Status of sample : PC Girder. Proportion of Mixture : 1:2.12:2.77
Dt of sample collection: 22 Aug'2023 Desired Design Strength : 5800 Psi
Test Standard : ASTM/BS

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	18 Aug'2023 (28 days)	15 Sep'2023	12.17	71854.57	5904	Average of Sample 1 & 3 5676	Combined Failure
2			12.17	84440.97	6938		
3			12.17	66299.03	5448		

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]