MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

230

Copy no : 01

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 180/2023-2024 (Con).
Name of Client : GE (Army) Rangpur.
Ref ltr no : CEA/365 of 2022-2023/42/E-6 Dt.03 Oct' 2023.
Name of the project : Construction of Div Auditorium.
Status of sample : Foundation.
Dt of sample collection: 05 Oct'2023
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Amancem Opc.
Proportion of Mixture : 1:1.25:2.5
Desired Design Strength : 2925 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	28 Sep '2023 (07 days)	05 Oct'2023	12.17	36400.57	2991	Average of Sample 1 & 3	Combined Failure
2			12.17	27779.11	2283		
3			12.17	31075.55	2553	2772	

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 oder 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]