MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 661/2024-2025 (Con).
Name of Client : AGE (Army) Parbatipur.
Ref ltr no : CEA/391 of 2022-2023/38/E-6 Dt.26 May' 2025.
Name of the project : Construction of 1 x 104 OR's Qtr.
Status of sample : Ground floor .
Dt of sample collection: 01 Jun'2025
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Elephant Opc.
Proportion of Mixture : 1:2:4
Desired Design Strength : 1625 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	26 May'2025 (07 days)	02 Jun'2025	12.17	20971.30	1723	***	Combined Failure
2			12.17	42546.08	3496		
3			12.17	28990.65	2382		

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 per BNBC-2020 para No. 5.12.3.3 difference between provided samples are greater than 500 Psi. So no average result will be generated from this sample.

Laboratory Technician Test Performed By Vetted By

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