MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 364/2024-2025 (Con).
Name of Client : GE (Army) Ghatail.
Ref ltr no : CEA/569 of 2021-2022/66/E-6 Dt.17 Dec' 2024.
Name of the project : Construction of Garrison mosque.
Status of sample : Foundation.
Dt of sample collection: 19 Dec'2024
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Shah 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	12 Dec'2024 (28 days)	09 Jan'2025	12.17	43411.81	3567	Average of Sample 1 & 3	Combined Failure
2			12.17	35324.11	2903		
3			12.17	39470.48	3243	3405	

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