



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 161(D)/2025-2026 (Con).
Name of Client : GE (Army) Ghatal.
Ref ltr no : CEA /618 of 2022-2023/57/E-6 Dt.26 Nov'2025.
Name of the project : Vertical Extension of building No-135 & 443.
Status of sample : Roof slab.
Dt of sample collection: 01 Dec'2025
Test Standard : ASTM/BS

Sample Specimen : Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Brick
Brand &Type of Cement : Shah Opc.
Proportion of Mixture : 1:2:4
Desired Design Strength : 1950 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	24 Nov'2025 (07 days)	01 Dec'2025	12.17	26666.86	2191	Average of Sample 1, 2 & 3 2211	Combined Failure
2			12.17	24069.68	1978		
3			12.17	29970.28	2463		

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]