



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 49/2025-2026 (Con).
Name of Client : GE (Air) Tejgaon.
Ref ltr no : CE Air/164 of 2024-2025/11/E-6 Dt.29 July'2025.
Name of the project : Construction of Water Reservoir.
Status of sample : Ground floor column.
Dt of sample collection: 30 July'2025
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 : 1:1.25:2.5
Desired Design Strength : 2800 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 July'2025 (07 days)	31 July'2025	12.17	19335.97	1589	***	Combined Failure
2			12.17	37739.03	3101		
3			12.17	28626.13	2352		

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 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