MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 134/2025-2026 (Con).
Name of Client : GE (Air) Tejgaon.
Ref ltr no : CE Air/24 of 2025-2026/06/E-6 Dt.07 Sep'2025.
Name of the project : Construction of 1x Hangar for Accommodation 12x MI-17 Helicopter
Status of sample : Cast-in-situ pile.
Dt of sample collection: 08 Sep'2025
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Seven ring Opc.
Proportion of Mixture : 1:1.25:2.50
Desired Design Strength : 2190 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	02 Sep'2025 (07 days)	09 Sep'2025	12.17	30949.92	2543	Average of Sample 1 , 2 & 3	Combined Failure
2			12.17	31906.78	2622		
3			12.17	28535.00	2345	2503	

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

Laboratory Technician Test Performed By Vetted By

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