MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 100/2025-2026 (Con).
Name of Client : GE (Air) Kurmitola.
Ref ltr no : CE Air/163 of 2024-2025/26/E-6 Dt.24 Aug'2025.
Name of the project : Construction of 1 x 72 Airmen Type Qtr.
Status of sample : 13th floor roof.
Dt of sample collection: 24 Aug'2025
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand &Type of Cement : Akij Opc.
Proportion of Mixture : 1:1.5:3
Desired Design Strength : 4000 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	28 July'2025 (28 days)	25 Aug'2025	12.17	57988.71	4765	Average of Sample 1 & 2	Combined Failure
2			12.17	54013.10	4438		
3			12.17	45950.21	3776	4602	

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]