MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 128/2023-2024 (Con).
Name of Client : GE (Air) Kurmitola.
Ref ltr no : 6422/45/E-6 Dt.17 Sep'2023.
Name of the project : Vertical Extension of 2nd floor over 1st floor.
Status of sample : 1st floor column & beam.
Dt of sample collection: 17 Sep'2023
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 : 2600 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	10 Sep'2023 (07 days)	17 Sep'2023	12.17	30798.93	2531	Average of Sample 1, 2 & 3 2264	Combined Failure
2			12.17	26142.42	2148		
3			12.17	25704.43	2112		

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

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