MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 167/2023-2024 (Con).
Name of Client : AGE (Air) Air HQ (U).
Ref ltr no : CE Air/21 of 2022-2023/24/E-6 Dt.26 Sep' 2023.
Name of the project : Vertical Extension of 2nd floor over 1st floor.
Status of sample : Roof slab.
Dt of sample collection: 26 Sep'2023
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Brick
Brand &Type of Cement : Metrocem Opc.
Proportion of Mixture : 1:2:4
Desired Design Strength : 2500 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	20 Sep'2023 (28 days)	18 Oct'2023	12.17	25543.07	2099	Average of Sample 1 & 3	Combined Failure
2			12.17	37599.27	3090		
3			12.17	24275.20	1995	2047	

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]