



**MATERIAL TESTING LABORATORY**  
**MILITARY ENGINEER SERVICE(MES)**

Page No: 371

Copy No: 01

**TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE**

Job No : 241/2022-2023(Con).

Name of Clint : AGE (Air) Air HQ (U)

Ref ltr no : CE Air /79 of 2021-2022/30/E-6 Dt. 06 Oct'2022.

Name of the project : Construction of Store building.

Status of sample : Foundation.

Dt of sample collection : 12 Oct'2022

Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")

Type of Aggregate : Stone.

Brand &Type of Cement : Bashundhara Opc.

Proportion of Mixture : 1:1.5:3

Desired Design Strength : Not spd.

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	06 Oct'2022 (7 days)	13 Oct'2022	12.17	47379.97	3893	Average of Sample 1 & 3 3936	Combined Failure
2			12.17	82058.35	6743		
3			12.17	48428.84	3979		

**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

Laboratory Technician

Test Performed By

Vetted By

Note:[1 Mpa=145 psi, 1kg/cm<sup>2</sup>=14.223]

Instrument Calibration :  $Y = 0.972 * X - 10.18$  KN

