



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

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

Job No : 871/2021-2022(Con).  
Name of Client : GE (Air) Kurmitola, Dhaka.  
Ref Itr No : 6414/41/E-6 Dt. 22 May'2022.  
Project Name : CE Air/174 of 2020-2021.  
Status of Sample : Ground floor roof.  
Date of Collection : Monday, 23 May, 2022  
Test Standard : ASTM/BS

Copy No. : 02  
Sample Specimen : HT 200mm (8"), Dia 100mm (4")  
Type of Aggregate : Stone  
Brand & Type of Cement : Metrocem opc.  
Proportion of Mixture : 1:1.5:3  
Desired Design Strength : 3915 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)	Type of Failure
1	18-May-22 (28 days)	15-Jun-22	12.17	45960	3776	3511	Aggregate/ Mortar or Both Failure
2			12.17	30379	2496		
3			12.17	51860	4261		

**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 samples to be tested.
2. It is recommended that the samples are sent in a secure and sealed cover/packet/container under signature of the competent authority.
3. In order to avoid fraudulent fabrication of the test results, it is recommended that all 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 Technichian

Test Performed By

Vetted By

This is a computer generated copy

No signature is required

**Permissible Value:**

1.

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