



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

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

Job No : 219/2019-2020(Con)  
Name of Client : GE (Air) Chattogram.  
Ref Itr No : 6005/47/14/E-6. Dt 05 Sep 2019.  
Project Name : E in C/193 of 2017-2018.  
Status of Sample : Pile Cap.  
Date of Collection : Wednesday, 11 September, 2019  
Test Standard : ASTM/BS

Copy No. : 01  
Sample Specimen : HT 200mm (8"), Dia 100mm (4")  
Type of Aggregate : Stone  
Brand & Type of Cement : Diamond Cement opc.  
Proportion of Mixture : 1:1.5:3  
Desired Design Strength : 2275 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	05-Sep-19 (7 days)	12-Sep-19	12.17	23517	1932	3942	Aggregate/ Mortar or Both Failure
2			12.17	49258	4047		
3			12.17	71150	5846		

**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.

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]