



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

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

Job No : 690/2018-2019 (Con).  
Name of Client : GE (Army) Central, Dhaka. Copy No. : 02  
Ref Itr No : 600/Misc/Part-58/47/E-6 Dt. 06 March 2019. Sample Specimen : HT 200mm (8"), Dia 100mm (4")  
Project Name : SM BK (AHQ Admin Wing Area). Type of Aggregate : Shingles  
Status of Sample : Cast In Situ Pile. Brand & Type of Cement : Elephant Cement OPC  
Date of Collection : Thursday, 07 March, 2019 Proportion of Mixture : 1:1.5:3  
Test Standard : ASTM/BS Desired Design Strength : 4000 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	02-Mar-19 (28 days)	30-Mar-19	12.17	27648	2272	2561	Aggregate/ Mortar or Both Failure
2			12.17	14777	1214		
3			12.17	51073	4197		

**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 Technician

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]