



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

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

Job No	: 713/2018-2019 (Con).	Copy No.	: 02
Name of Client	: GE(Army) PMB.	Sample Specimen	: HT 200mm (8"), Dia 100mm (4")
Ref Itr No	: Einc/281 of 2016-2017/84/E-6 Dt. 13 March 2019.	Type of Aggregate	: Stone
Project Name	: Einc/ 281 of 2016-2017	Brand & Type of Cement	: Bashundhara OPC
Status of Sample	: Top Slab. (Water Reservoir).	Proportion of Mixture	: 1:1.5:3
Date of Collection	: Thursday, 14 March, 2019	Desired Design Strength	: 24.13 Mpa (3500 Psi)
Test Standard	: <u>ASTM/BS</u>		

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	11-Mar-19 (28 days)	08-Apr-19	12.17	50539	4153		Aggregate/ Mortar or Both Failure
2			12.17	46130	3790		
3			12.17	38057	3127		

**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 individual strength varies abruptly, So average strength is not shown.

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]