



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

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

Job No	: 72/2019-2020(Con)	Copy No.	: 02
Name of Client	: AGE(Army) Momenshahi.	Sample Specimen	: HT 200mm (8"), Dia 100mm (4")
Ref Itr No	: CEA/777 of 2017-2018/94/E-6 Dt.23 July'2019	Type of Aggregate	: Stone
Project Name	: CEA/777 of 2017-2018	Brand & Type of Cement	: Crown opc.
Status of Sample	: 14 th floor roof(OHW Tank & Machine room)	Proportion of Mixture	: 1:1.5:3
Date of Collection	: Wednesday, 24 July, 2019	Desired Design Strength	: 3600 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	18-Jul-19 (28 days)	15-Aug-19	12.17	30644	2518	2696	Aggregate/ Mortar or Both Failure
2			12.17	34734	2854		
3			12.17	33067	2717		

**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]