



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

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

Job No : 711/18-19 (Con)  
Name of Client : AGE (Army) Quadirabad. Copy No. : 02  
Ref Itr No : CEA/638 of 2017-2018/41/E-6 Dt. 11 Mar' 2019. Sample Specimen : HT 200mm (8"), Dia 100mm (4")  
Project Name : CEA/638 of 2017-2018. Type of Aggregate : Stone  
Status of Sample : Grade beam Brand & Type of Cement : Elephant OPC  
Date of Collection : Wednesday, 13 March, 2019 Proportion of Mixture : 1:1.5:3  
Test Standard : ASTM/BS Desired Design Strength : 246.00kg/cm<sup>2</sup>(3500Psi)

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	06-Mar-19 (28 days)	03-Apr-19	12.17	20684	1700	1978	Aggregate/ Mortar or Both Failure
2			12.17	34828	2862		
3			12.17	16703	1372		

**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]