



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES (MES)

TEST RESULTS FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 50/2020-2021(Con).
Name of Client : AGE (Army) Momenshahi. Copy No. : 01
Ref Itr No : CEA/500 of 2019-2020/07/E-6 Dt.15 July' 2020. Sample Specimen : HT 200mm (8"), Dia 100mm (4")
Project Name : CEA/500 of 2019-2020. Type of Aggregate : Stone
Status of Sample : 6th floor rib beam and rib slab. Brand & Type of Cement : Elephant opc.
Date of Collection : Thursday, 16 July, 2020 Proportion of Mixture : 1:1.5:3
Test Standard : ASTM/BS Desired Design Strength : 2340 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	11-Jul-20 (7 days)	18-Jul-20	12.17	106868	8781	7638	Aggregate/ Mortar or Both Failure
2			12.17	92772	7623		
3			12.17	79218	6509		

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. The strength of this concrete is higher than the normal concrete.

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/cm² = 14.223 psi]