



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES (MES)

TEST RESULTS FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No	: 1046/2020-2021(Con).	Copy No.	: 02
Name of Client	: GE (Navy) Khulna.	Sample Specimen	: HT 200mm (8"), Dia 100mm (4")
Ref Itr No	: CEN/83 of 2019-2020/17/E-6 Dt. 09 June'2021.	Type of Aggregate	: Stone
Project Name	: CEN/83 of 2019-2020.	Brand & Type of Cement	: Elephant opc.
Status of Sample	: RCC Mat foundation of water reservoir.	Proportion of Mixture	: 1:1.5:3
Date of Collection	: Sunday, 13 June, 2021	Desired Design Strength	: 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	08-Jun-21 (28 days)	06-Jul-21	12.17	89060	7318	7586	Aggregate/ Mortar or Both Failure
2			12.17	91303	7502		
3			12.17	96589	7937		

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 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/cm² = 14.223 psi]