



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES (MES)

TEST RESULTS FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No	: 1059/2020-2021(Con).	Copy No.	: 02
Name of Client	: AGE (Army) Rangamati.	Sample Specimen	: HT 200mm (8"), Dia 100mm (4")
Ref Itr No	: CEA/386 of 2020-2021/15/E-6.Dt 16 June 2021.	Type of Aggregate	: Stone
Project Name	: CEA/386 of 2020-2021	Brand & Type of Cement	: Royal opc
Status of Sample	: R.C.C Wall.	Proportion of Mixture	: 1:1.5:3
Date of Collection	: Thursday, 17 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	11-Jun-21 (28 days)	09-Jul-21	12.17	27658	2273	2345	Aggregate/ Mortar or Both Failure
2			12.17	27703	2276		
3			12.17	30267	2487		

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/cm² = 14.223 psi]