



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES (MES)

TEST RESULTS FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 1004/2020-2021(Con).
Name of Client : AGE (Army) Rajendrapur. Copy No. : 01
Ref Itr No : CEA/362 of 2020-2021/09/E-6 Dt. 31 May'2021. Sample Specimen : HT 200mm (8"), Dia 100mm (4")
Project Name : CEA/362 of 2020-2021. Type of Aggregate : Stone
Status of Sample : Blast wall, Column, Beam, Roof slab. Brand & Type of Cement : Seven rings opc.
Date of Collection : Tuesday, 01 June, 2021 Proportion of Mixture : 1:1.25:2
Test Standard : ASTM/BS Desired Design Strength : 3900 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	26-May-21 (7 days)	02-Jun-21	12.17	51047	4194	3665	Aggregate/ Mortar or Both Failure
2			12.17	44318	3642		
3			12.17	38437	3158		

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]