



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

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

Job No : 461/2024-2025 (Con).

Name of Client : GE (Army) Barishal..

Ref ltr no : CEA/270 of 2022-2023/27/E-6 Dt.04 Feb'2025.

Name of the project : Construction of 1 x 100000 liter capacity filtration plant.

Status of sample : Water reservoir shear wall.

Dt of sample collection: 05 Feb'2025

Test Standard : ASTM/BS

Sample Specimen : Ht 200mm(8") Dia 100 mm(4")

Type of Aggregate : Stone

Brand &Type of Cement : Seven rings Opc

Proportion of Mixture : 1:1.5:3

Desired Design Strength : 2030 Psi (14.00 Mpa).

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)	Remarks
1	29 Jan'2025 (07 days)	05 Feb'2025	12.17	14225.75	1169	Average of Sample 1 & 3  1125	Combined Failure
2			12.17	6775.68	557		
3			12.17	13152.43	1081		

**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 sample to be tested.
- 2 It is recommended that samples are sent in a sealed cover/packet/container under signature of the competent authority
- 3 In order to avoid fraudulent fabrication of the test result, it is recommended that 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

Note:[1 Mpa=145 psi, 1kg/cm<sup>2</sup>=14.223 Psi]