



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

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

Job No : 235/2025-2026 (Con).

Name of Client : GE (Air) Kurmitola, Dhaka.

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

Ref Itr no : CE Air/159 of 2024-2025/12/E-6 Dt.15 Dec'2025.

Type of Aggregate : Stone

Name of the project : Construction of pump house with water reservoir.

Brand &Type of Cement : Metrocem Opc.

Status of sample : 1st floor roof.

Proportion of Mixture : 1:1.5:3

Dt of sample collection: 15 Dec'2025

Desired Design Strength : 3480 Psi

Test Standard : ASTM/BS

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	08 Dec'2025 (28 days)	05 Jan'2026	12.17	58942.53	4843	Average of Sample 1, 2 & 3  4704	Combined Failure
2			12.17	57099.72	4692		
3			12.17	55689.17	4576		

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

Laboratory Technician

Test Performed By

Vetted By

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