



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

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Job No

Name of Client : 24/2024-2025 (Con).

Ref ltr no

: GE (Army) PMB.
: Einc/265 of 2022-2023/14/E-6 Dt. 14 July'2024.

Name of the project

: Construction of Retaining wall & CC Block.

Status of sample

: CC Block for canal.

Dt of sample collection: 15 July'2024

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
Type of Aggregate : Stone
Brand & Type of Cement : Metrocem pcc.
Proportion of Mixture : 1:2:4
Desired Design Strength : Not spd.

Test Standard : ASTM/BS

TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

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	11 July'2024 (07 days)	18 July'2024	12.17	46310.24	3805	Average of Sample 1 & 3 3856	Combined Failure
			12.17	26787.60	2201		
3			12.17	47553.00	3907		

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 be 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

[Signature]
24/07/2024
ABU SAYED
SAE E/M
AHO, E in C's Br
Wks Dte, Dhaka Cantt.

Test Performed By

[Signature]
AHASAN HABIB
AE B/R
Actg So-III (Lab)
AHO, E-in-C's Br
Wks Dte, Dhaka Cantt.

Vetted By

[Signature]
MAHMUDUL KABIR
XEN B/R
AHO, E in C's Br
Wks Dte, Dhaka Cantt.



**MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICE(MES)
TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE**

Page No : 61
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Job No : 24/2024-2025 (Con).
 Name of Client : GE (Army) PMB.
 Refltr no : Einc/265 of 2022-2023/14/E-6 Dt.14 Jul' 2024.
 Name of the project : Construction of Retaining wall & CC Block.
 Status of sample : CC Block for canal.
 Dt of sample collection: 15 Jul'2024
 Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")
 Type of Aggregate : Stone
 Brand & Type of Cement : Metrocem pcc.
 Proportion of Mixture : 1:2:4
 Desired Design Strength : Not spd

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	11 Jul'2024 (28 days)	08 Aug'2024	12.17	38704.11	3180	Average of Sample 1 & 2 2993	Combined Failure
			12.17	34137.88	2805		
3			12.17	24795.32	2037		

Cautions :

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- 2 It is recommended that samples are sent in a sealed cover/packet/container under signature of the competent authority
- 3 In order to be 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

Signature
08/08/2024
ABU SAYED
SAE E/M
AHO, E in C's Br
WKS Dte, Dhaka Cantt

Signature
AHASAN HABIB
AE B/R
Actg So-III (Lab)
AHO, E-in-C's Br
WKS Dte, Dhaka Cantt.

Signature
MAHMUDUL KABIR
XEN B/R
OIC (Lab)
AHO, E in C's Br
WKS Dte, Dhaka Cantt