

## MATERIAL TESTING LABORATORY MILITARY ENGINEER SERVICES(MES)

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

Job No: 405/2024-2025 (Con).Name of Client: GE (Navy) Khulna.Ref Itr no: EinC/437 of 2022-2023/47/E-6 Dt.05 Jan' 2025.Name of the project: Construction of 1 x BNS Mongla Annex Guard Room.Status of sample: Pile cap.Dt of sample collection:: 06 Jan'2025Test Standard : <u>ASTM/BS</u>

Sample Specimen: Ht 200mm(8") Dia 100 mm(4") Type of Aggregate : Stone Brand &Type of Cement : Elephant Opc. Proportion of Mixture : 1:2.894:2.698 (Admixture). Desired Design Strength : 4000 Psi

Ser no.	Date of casting	Date of Test	Specimen	Maximum Load	Crushing	Average	Remarks
	and		Area	(Lbs)	Strength	Crushing	
	(Age in days)		Sq inch		(Psi)	Strength	
						(Psi)	
1			12.17	57058.37	4688	Average of	
2	30 Dec'2024 (28 days)	27 Jan'2025	12.17	54985.19	4518	Sample 1, 2 & 3	Combined Failure
3			12.17	51909.59	4265	4491	

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 oder 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

Note:[1 Mpa=145 psi, 1kg/cm2=14.223 Psi]