



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES (MES)
TEST RESULT FOR FINENESS MODULUS(F.M.) OF SAND.

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Job No : 67/2024-2025 (Sand).
Name of Clint : AGE (Air) Air HQ (U).
Ref ltr no : CE Air/214 of 2022-2023/34/E-6 Dt.06 Mar'2025
Project Name : Construction of Boundary Wall.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 09 Mar'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	3	0.75	0.75		
# 8	18.82	4.71	5.46		
#16	88.99	22.25	27.70		
# 30	156.64	39.16	66.86		
# 50	86.2	21.55	88.41		FM= 2.86
#100	35.3	8.83	97.24		
# 200	10.05	2.51	..		
#Pan	0	0.00	...		
			Σ= 286.42		

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

Test Performed By

Vetted By

Permissible Value:

- 1.For Sylhet/Domar sand minimum FM will be = 2.50
- 2.For Local sand minimum FM will be = 1.5
- 3.For Vitty sand minimum FM will be = 0.80



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Job No : 67/2024-2025(Sand).
Name of Clint : AGE (Air) Air HQ (U).
Ref ltr no : CE Air/214 of 2022-2023/34/E-6 Dt.06 Mar'2025
Project Name : Construction of Boundary Wall.
Sample Specimen : Local Sand
Dt of sample collection : 09 Mar'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	0	0.00	0.00		
# 8	0	0.00	0.00		
#16	3.59	0.90	0.90		
# 30	56.7	14.18	15.07		
# 50	242.6	60.65	75.72		FM= 1.89
#100	87.4	21.85	97.57		
# 200	6.82	1.71	..		
#Pan	2.62	0.66	...		
			Σ= 189.27		

Cautions :

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- 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):

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Laboratory Technician

Test Performed By

Vetted By

Permissible Value:

- 1.For Sylhet/Domar sand minimum FM will be = 2.50
- 2.For Local sand minimum FM will be = 1.5
- 3.For Vitty sand minimum FM will be = 0.80