



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

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Job No : 71/2024-2025 (Sand).
Name of Clint : AGE (Air) Shamshernagar.
Ref ltr no : CE Air/92 of 2024-2025/09/E-6 Dt.15 Apr'2025
Project Name : Construction of ground & 1st floor of under construction airmen BK.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 28 Apr'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	6.23	1.56	1.56		
# 8	37.98	9.50	11.05		
#16	90.49	22.62	33.68		
# 30	116.31	29.08	62.75		
# 50	93.78	23.45	86.20		FM= 2.92
#100	44.17	11.04	97.24		
# 200	8.19	2.05	..		
#Pan	2.62	0.66	...		
			Σ= 292.48		

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 : 71/2024-2025(Sand).
Name of Clint : AGE (Air) Shamshernagar.
Ref ltr no : CE Air/92 of 2024-2025/09/E-6 Dt.15 Apr'2025
Project Name : Construction of ground & 1st floor of under construction airmen BK.
Sample Specimen : Local Sand
Dt of sample collection : 28 Apr'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	10.17	2.54	2.54		
#16	25.73	6.43	8.98		
# 30	32.18	8.05	17.02		
# 50	115.24	28.81	45.83		FM= 1.68
#100	193.04	48.26	94.09		
# 200	19.96	4.99	..		
#Pan	3.68	0.92	...		
			Σ= 168.46		

Cautions :

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- 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):

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Laboratory Technician

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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