



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

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Copy no : 01

Job No : 47/2024-2025(Sand).
Name of Clint : AGE (Air) Shamshernagar.
Ref ltr no : EinC/166 of 2023-2024/26/E-6 Dt.08 Jan'2025
Project Name : Construction of 1 x Office cum Laboratory Building.
Sample Specimen : Sylhet Sand
Dt of sample collection : 09 Jan'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	4.66	1.17	1.17		
# 8	22.22	5.56	6.72		
#16	89.31	22.33	29.05		
# 30	93.38	23.35	52.39		
# 50	147.31	36.83	89.22		FM= 2.77
#100	35.25	8.81	98.03		
# 200	6.43	1.61	..		
#Pan	0.35	0.09	...		
			Σ= 276.58		

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

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 : 47/2024-2025(Sand).
Name of Clint : AGE (Air) Shamshernagar.
Ref ltr no : EinC/166 of 2023-2024/26/E-6 Dt.08 Jan'2025
Project Name : Construction of 1 x Office cum Laboratory Building.
Sample Specimen : Local Sand
Dt of sample collection : 09 Jan'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	0.55	0.14	0.14		
#16	0.44	0.11	0.25		
# 30	6.39	1.60	1.85		
# 50	255.35	63.84	65.68		FM= 1.66
#100	129	32.25	97.93		
# 200	7.37	1.84	..		
#Pan	0.09	0.02	...		
			Σ= 165.85		

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.
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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