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ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: GESEC/PRO/AAQM/2024-25/05/719
Date of Report	: 21/05/2024
Client	: M/s Mahaavir Superstructures Pvt Ltd.
Site	: Project Site
Address	: Village Rohinjan Taluka Panvel District Raigad
Date of Sampling	: 16/05/2024

RESULTS OF ANALYSIS

Sr. No.	DESCRIPTION	UNIT	RESULT	NAAQS
01	DATE OF SAMPLING	DD/MM/YY	16/05/2024	
02	TEST LOCATION		Project site	
03	AMBIENT TEMPTURE (MAX/MIN)	°C	36.5/27.0	
04	RELATIVE HUMIDITY	%RH	56.5	
05	SAMPLING DURATION	Min	1440	
06	PM ₁₀	µg/M ³	82.00	100
07	PM _{2.5}	µg/M ³	34.50	60
08	SO ₂	µg/M ³	22.50	80
09	NO _x	µg/M ³	32.20	80
10	CO (1 Hrs)	mg/M ³	0.60	4.0

REMARK/OBERVATIONS

NAAQS – National Ambient Air Quality Standards.
Monitoring results are well within the limits prescribed by NAAQS



Hande.
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By



Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.

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Ambient Noise Monitoring Report

Report No.	: GESEC/PRO/ANLM/2024-25/05/720
Date of Report	: 21/05/2024
Client	: M/s Mahaavir Superstructures Pvt Ltd.
Site	: Project Site
Address	: Village Rohinjan Taluka Panvel District Raigad
Date of Sampling	: 16/05/2024

Time	Main Gate	Near Construction area
Day Time (dB) (6 A.M. – 10 P.M.)	54.00	62.50
Night Time (dB) (10 P.M. – 6 A.M.)	44.50	48.50
REMARK/OBERVATIONS: All the measured values are within CPCB limits		
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By

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SOIL ANALYSIS REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	GESEC/PRO/SO/2024-25/05/721
M/s. Mahaavir Superstructures Pvt Ltd.	DATED	21/05/2024
	DATE OF SAMPLING	16/05/2024
	DATE OF ANALYSIS	17-18/05/2024

RESULTS OF ANALYSIS

Sr. no	Parameters	Unit	Project Site
1	pH	-	7.70
2	EC	µS/cm	218.00
3	Bulk Density	gm/cm ³	1.40
4	Water Holding Capacity	%	48.00
5	TKN	%	1.20
6	Organic matter	%	1.30
7	Calcium	mg/100gm	122.0
8	Chlorides	mg/100gm	54.0
9	Magnesium	mg/100gm	41.0
10	Sulphate	mg/100gm	42.50
11	Available Phosphorous	mg/100gm	0.82
12	Sodium	mg/kg	26.00
13	Potassium	mg/kg	88.00
14	Copper	mg/kg	4.1
15	Iron	mg/kg	488.00
16	Lead	mg/kg	1.6
17	Zinc	mg/kg	1.30
18	Chromium	mg/kg	0.03




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6. MoEF approved Lab by Govt. of India, till 28/02/2026 and NABL approved by Quality Council of India, till 28/02/2026