

NABL Accredited Laboratory as per ISO/IEC:17025:2005
Recognized by Ministry of Environment and Forest (MoEF), Govt. of India
ISO 9001: 2008 and OHSAS 18001: 2007 Certified Company

ENalyse*

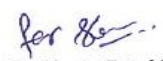
Ambient Air Monitoring Report Report No. AB/OSD/02/2017-18/412		
Name of Client and Address: M/s. Om Sagar Developers Water Edge S. No. 18/1/1, Pimple Nilakh, Aundh Annexe, Pune -411027	Sample Code	AB/OSD/02/2017-18/412
	Sample Location	Near Main Gate
	Sample Collected By	Technogreen Environmental Solutions
	Sample Type	Ambient Air
	Method of Sampling	As per IS: 5182 Part 1 (2006)
	Date of Sampling	01.02.2018
	Time of Sampling	11.30 am
	Sampling Duration	08 Hrs.
	Ambient Temp. (Max./Min.)	29.0°C/18.0°C
	Relative Humidity (RH)	48%
	Analysis Date	02.02.2018 to 07.02.2018
	Reporting Date	07.02.2018
	Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/128
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	

TEST PARAMETERS

Sr. No.	Parameter	Result	Unit	NAAQ Standards	Standard Method
1	Particulate Matter (PM ₁₀)	35.12	µg/m ³	≤ 100	IS : 5182 (Part 23)-2006
2	Particulate Matter (PM _{2.5})	14.76	µg/m ³	≤ 60	USEPA (40 CFR Ch.-1)Appendix L to Part 50
3	Sulphur Dioxide (SO ₂)	13.23	µg/m ³	≤ 80	IS : 5182 (Part 2)-2001
4	Oxides of Nitrogen (NO _x)	18.6	µg/m ³	≤ 80	IS : 5182 (Part 6)-2006
5	Carbon Monoxide (CO)	0.81	µg/m ³	≤04 (1 Hr.)	Manual Instruction

REMARKS / OBSERVATIONS:

All above results are within National Ambient Air Quality standards.


Verified By - Dr. Neeta Zatakia
Technical Manager


Authorized By - Sarita Upadhye
Technical Manager


Govt. Analyst
Dr. Bikash Aich
Managing Director
-----End of Report-----



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Ambient Air Monitoring Report Report No. AB/OSD/02/2017-18/413		
Name of Client and Address: M/s. Om Sagar Developers Water Edge S. No. 18/1/1, Pimple Nilakh, Aundh Annexe, Pune -411027	Sample Code	AB/OSD/02/2017-18/413
	Sample Location	Near 'F' Building
	Sample Collected By	Technogreen Environmental Solutions
	Sample Type	Ambient Air
	Method of Sampling	As per IS: 5182 Part 1 (2006)
	Date of Sampling	01.02.2018
	Time of Sampling	11.30 am
	Sampling Duration	08 Hrs.
	Ambient Temp. (Max./Min.)	33.2 ^o C/24.3 ^o C
	Relative Humidity (RH)	42%
	Analysis Date	02.02.2018 to 07.02.2018
	Reporting Date	07.02.2018
	Instrument Details	Ambient Fine Dust Sampler,AB/Tech/Instr/128
Sample returned /stored	Stored at 4 ^o C for 1 week from the date of reporting	

TEST PARAMETERS

Sr. No.	Parameter	Result	Unit	NAAQ Standards	Standard Method
1	Particulate Matter (PM ₁₀)	29.13	µg/m ³	≤ 100	IS : 5182 (Part 23)-2006
2	Particulate Matter (PM _{2.5})	13.98	µg/m ³	≤ 60	USEPA (40 CFR Ch.-1)Appendix L to Part 50
3	Sulphur Dioxide (SO ₂)	6.8	µg/m ³	≤ 80	IS : 5182 (Part 2)-2001
4	Oxides of Nitrogen (NO _x)	6.98	µg/m ³	≤ 80	IS : 5182 (Part 6)-2006
5	Carbon Monoxide (CO)	0.76	µg/m ³	≤ 04 (1 Hr.)	Manual Instruction

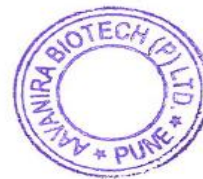
REMARKS / OBSERVATIONS:

All above results are within National Ambient Air Quality standards


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Technical Manager


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Ambient Air Monitoring Report Report No. AB/OSD/02/2017-18/414		
Name of Client and Address: M/s. Om Sagar Developers Water Edge S. No. 18/1/1, Pimple Nilakh, Aundh Annexe, Pune -411027	Sample Code	AB/OSD/02/2017-18/414
	Sample Location	Near 'E2' Building
	Sample Collected By	Technogreen Environmental Solutions
	Sample Type	Ambient Air
	Method of Sampling	As per IS: 5182 Part 1 (2006)
	Date of Sampling	01.02.2018
	Time of Sampling	11.40 am
	Sampling Duration	08 Hrs.
	Ambient Temp. (Max./Min.)	29.5°C/17.5°C
	Relative Humidity (RH)	52%
	Analysis Date	02.02.2018 to 07.02.2018
	Reporting Date	07.02.2018
	Instrument Details	Ambient Fine Dust Sampler,AB/Tech/Instr/128
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	

TEST PARAMETERS

Sr. No.	Parameter	Result	Unit	NAAQ Standard	Standard Method
1	Particulate Matter (PM ₁₀)	28.98	µg/m ³	≤ 100	IS : 5182 (Part 23)-2006
2	Particulate Matter (PM _{2.5})	12.10	µg/m ³	≤ 60	USEPA (40 CFR Ch.-1)Appendix L to Part 50
3	Sulphur Dioxide (SO ₂)	6.9	µg/m ³	≤ 80	IS : 5182 (Part 2)-2001
4	Oxides of Nitrogen (NO _x)	6.8	µg/m ³	≤ 80	IS : 5182 (Part 6)-2006
5	Carbon Monoxide (CO)	0.82	µg/m ³	≤ 04 (1 Hr.)	Manual Instruction

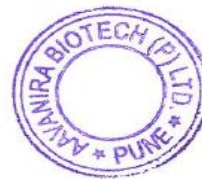
REMARKS / OBSERVATIONS:

- All above results are within National Ambient Air Quality standards
- BDL – Below Detectable Limit


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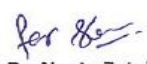
Ambient Air Monitoring Report Report No. AB/OSD/02/2017-18/415		
Name of Client and Address: M/s. Om Sagar Developers Water Edge S. No. 18/1/1, Pimple Nilakh, Aundh Annexe, Pune -411027	Sample Code	AB/OSD/02/2017-18/415
	Sample Location /Attached to	DG Set No. 1-125KVA (Near 'A' Building)
	Sample Collected By	Technogreen Environmental Solutions
	Sample Type	Stack
	Method of Sampling	As per IS:11255 (Part-1): 1985
	Date of Sampling	01.02.2018
	Time of Sampling	11.40 am
	Analysis Date	02.02.2018 to 07.02.2018
	Reporting Date	07.02.2018
	Instrument Details	Stack Monitoring Kit, AB/Tech/Instr/93
Sample returned /stored	Stored at 4 ^o C for 1 week from the date of reporting	

STACK DETAILS

Sr. No.	Parameter	Details	Unit
1	Material of Stack	MS	--
2	Stack Height from G.L	7.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	H.S.D	--
5	Flue Gas Temperature	382.0	^o K
6	Differential Pressure	5.8	mmWG
7	Velocity	8.94	m/s
8	Diameter of Stack	0.11	mtr.
9	Stack Area	0.0094	M ²
10	Gas volume	235.94	Nm ³ /Hr

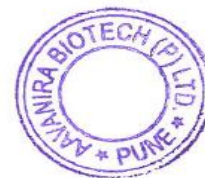
TEST PARAMETERS

Sr. No.	Parameter	Result	Unit	Limits as per MPCB Standards	Standard Method
1	Total Particulate Matter (TPM)	39.12	mg/Nm ³	≤150	IS:11255 (Part 1)-1985
2	Sulphur Dioxide (SO ₂)	35.0	mg/Nm ³	--	IS:11255 (Part 2)-1985
		2.6	Kg/day	≤10	
3	Oxides of Nitrogen (NO _x)	2.3	mg/Nm ³	--	IS:11255 (Part-7) -2005

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Source Emission Monitoring Report Report No. AB/OSD/02/2017-18/416

Name of Client and Address: M/s. Om Sagar Developers Water Edge S. No. 18/1/1, Pimple Nilakh, Aundh Annexe, Pune -411027	Sample Code	AB/OSD/02/2017-18/416
	Sample Location /Attached to	DG Set No. 2-125KVA (near 'F' Building)
	Sample Collected By	Technogreen Environmental Solutions
	Sample Type	Stack
	Method of Sampling	As per IS:11255 (Part-1): 1985
	Date of Sampling	01.02.2018
	Time of Sampling	12.15 Pm
	Analysis Date	02.02.2018 to 07.02.2018
	Reporting Date	07.02.2018
Instrument Details	Stack Monitoring Kit, AB/Tech/Instr/93	
Sample returned /stored	Stored at 4 ^o C for 1 week from the date of reporting	

STACK DETAILS

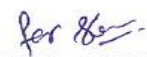
Sr. No.	Parameter	Details	Unit
1	Material of Stack	MS	--
2	Stack Height from G.L	7.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	H.S.D	--
5	Flue Gas Temperature	371	^o K
6	Differential Pressure	5.8	mmWG
7	Velocity	8.71	m/s
8	Diameter of Stack	0.11	mtr.
9	Stack Area	0.0094	M ²
10	Gas volume	237.04	Nm ³ /Hr

TEST PARAMETERS

Sr. No.	Parameter	Result	Unit	Limits as per MPCB Standards	Standard Method
1	Total Particulate Matter (TPM)	45.0	mg/Nm ³	≤150	IS:11255 (Part 1)-1985
2	Sulphur Dioxide (SO ₂)	27.89	mg/Nm ³	--	IS:11255 (Part 2)-1985
		0.592	Kg/day	≤10	
3	Oxides of Nitrogen (NO _x)	2.7	mg/Nm ³	--	IS: 11255 (Part-7)-2005

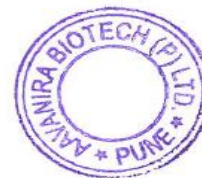
REMARK/OBSERVATIONS:

- All above results are within MPCB limit


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Source Emission Monitoring Report Report No. AB/OSD/02/2017-18/417		
Name of Client and Address: M/s. Om Sagar Developers Water Edge S. No. 18/1/1, Pimple Nilakh, Aundh Annexe, Pune -411027	Sample Code	AB/OSD/02/2017-18/417
	Sample Collected By	Technogreen Environmental Solutions
	Sample Type	Ambient Noise
	Method of Sampling	As per IS: 4758
	Date of Sampling	02.02.2018
	Reporting Date	07.02.2018
	Instrument Details	Sound Level Meter, AB/Tech/Instr/34

TEST PARAMETERS

Sr. No.	Test Locations	Reading		Standard Method
		Day Time (11.30am)	Night Time (11.30 pm)	
1	Near Main Gate	54.1	41.2	dB(A)
2	Club House	51.2	43.5	dB(A)
3	DG Set 1	54.7	41.7	dB(A)
4	DG Set 2	54.6	44.1	dB(A)
5	Construction Activity	55.8	41.2	dB(A)

REMARKS/OBSERVATIONS:

All above results are within MPCB prescribed limits

Area	Category of area	Limits dB(A)Leq	
		Day Time	Night Time
A	Industrial Area	<75	<70
B	Commercial Area	<65	<55
C	Residential Area	<55	<45
D	Silent Area	<50	<40

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