

Report No –BMS/22/SML/150

Issued Date-03.08.2022

AMBIENT AIR QUALITY MONITORING TEST REPORT

Client Name &Address	M/s Sree Metaliks Ltd., Anra,Keonjhar, Odisha
Nature of Sampling	Ambient Air Sample
Sampling Location & Coordinates	AAQ1-Near Security Barrak
Sampling By	BIOME's Representative
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, Gaseous Attachment

Date Of Sampling	PM10 (µg/m ³)	PM2.5 (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)
04.07.2022	65.6	28.2	13.8	18.8	<0.1
07.07.2022	60.4	27.2	13.4	18.2	<0.1
11.07.2022	56.3	26.7	11.4	17.2	<0.1
14.07.2022	55.4	24.2	11.6	16.2	<0.1
18.07.2022	56.8	24.5	11.8	16.8	<0.1
21.07.2022	45.1	22.6	9.2	13.1	<0.1
25.07.2022	58.2	24.6	11.8	17.2	<0.1
28.07.2022	60.5	28.8	13.2	18.8	<0.1
NAAQ* Standard	100	60	80	80	4
Methods of Analysis	IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)	IS: 5182 (Part- 10)



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END OF REPORT

Note:

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Report No –BMS/22/SML/151

Issued Date-03.08.2022

AMBIENT AIR QUALITY MONITORING TEST REPORT

Client Name &Address	M/s Sree Metaliks Ltd., Anra,Keonjhar, Odisha
Nature of Sampling	Ambient Air Sample
Sampling Location	AAQ2-Backside of PGP Area
Sampling By	BIOME's Representative
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, Gaseous Attachment

Date Of Sampling	PM10 (µg/m ³)	PM2.5 (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)
04.07.2022	68.6	29.2	15.8	20.8	<0.1
07.07.2022	66.2	27.1	14.4	19.2	<0.1
11.07.2022	63.1	25.6	14.4	17.2	<0.1
14.07.2022	60.2	24.8	13.6	16.2	<0.1
18.07.2022	57.2	24.4	13.2	15.8	<0.1
21.07.2022	52.8	23.8	9.2	13.1	<0.1
25.07.2022	57.4	24.8	13.8	17.2	<0.1
28.07.2022	60.4	24.4	14.2	18.8	<0.1
NAAQ* Standard	100	60	80	80	4
Methods of Analysis	IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)	IS: 5182 (Part-10)



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Report No –BMS/22/SML/152

Issued Date-03.08.2022

AMBIENT AIR QUALITY MONITORING TEST REPORT

Client Name &Address	M/s Sree Metaliks Ltd., Anra, Keonjhar, Odisha
Nature of Sampling	Ambient Air Sample
Sampling Location	AAQ3-Raigurha
Sampling By	BIOME's Representative
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, Gaseous Attachment

Date Of Sampling	PM10 (µg/m ³)	PM2.5 (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)
04.07.2022	57.1	25.2	7.4	11.2	<0.1
07.07.2022	55.4	24.2	6.8	10.8	<0.1
11.07.2022	53.6	23.8	6.6	10.6	<0.1
14.07.2022	50.5	21.1	6.4	9.7	<0.1
18.07.2022	51.6	20.6	6.6	10.2	<0.1
21.07.2022	47.4	19.8	5.7	9.2	<0.1
25.07.2022	52.4	22.5	6.6	10.3	<0.1
28.07.2022	56.4	25.2	7.2	11.6	<0.1
NAAQ* Standard	100	60	80	80	4
Methods of Analysis	IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)	IS: 5182 (Part-10)



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Report No –BMS/22/SML/153

Issued Date-03.08.2022

AMBIENT AIR QUALITY MONITORING TEST REPORT

Client Name &Address	M/s Sree Metaliks Ltd., Anra, Keonjhar, Odisha
Nature of Sampling	Ambient Air Sample
Sampling Location	AAQ4-Bheldih
Sampling By	BIOME's Representative
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, Gaseous Attachment

Date Of Sampling	PM10 (µg/m ³)	PM2.5 (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)
04.07.2022	48.2	22.1	6.2	9.8	<0.1
07.07.2022	46.4	23.2	5.6	9.7	<0.1
11.07.2022	45.6	22.6	5.2	9.6	<0.1
14.07.2022	43.2	22.1	5.2	9.6	<0.1
18.07.2022	44.1	22.5	5.3	9.4	<0.1
21.07.2022	40.5	19.4	5.1	9.2	<0.1
25.07.2022	45.1	22.6	5.2	9.3	<0.1
28.07.2022	47.2	23.4	6.2	9.8	<0.1
NAAQ* Standard	100	60	80	80	4
Methods of Analysis	IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)	IS: 5182 (Part-10)



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Report No –BMS/22/SML/157

Issued Date-03.08.2022

FUGITIVE MONITORING TEST REPORT

Client Name &Address	M/s Sree Metaliks Ltd., Anra, Keonjhar, Odisha
Nature of Sampling	AAQ-Fugitive Dust Sample
Sampling By	BIOME's Representative
Instrument Used	Respirable Dust Sampler

Sl. No.	Name of Location	Date of Sampling	Result
1	Near Admin Building	13.07.2022	485.6
2	Raw material Stock Yard	13.07.2022	494.5
Fugitive Standard			1200
Methods of Analysis			IS:5182 (Part-24)



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BIOMES

Report No –BMS/22/SML/155

Issued Date-03.08.2022

AMBIENT NOISE LEVEL MONITORING TEST REPORT

Client Name &Address	M/s Sree Metaliks Ltd., Anra, Keonjhar, Odisha
Nature of Sampling	Ambient Noise Monitoring
Sampling Location	N1- Near security Barrak N2- Backside of PGP Area N3-Village Raigurha N4-Village Bheldih
Sampling By	BIOME's Representative
Instrument Used	Noise Meter
Date of Sampling	07.07.2022
Date of Receiving	08.07.2022

Day time Noise monitoring results Noise Level in dB (A)				
TIME (6.00AM to 10.00PM)	N-1	N-2	N-3	N-4
Avg.	62.4	60.8	53.2	51.4
Standard as per CPCB	75.0		55.0	
Night time Noise monitoring results Noise Level in dB (A)				
TIME (10.00PM to 6.00AM)	N-1	N-2	N-3	N-4
Avg.	52.7	51.7	43.8	40.2
Standard as per CPCB	70.0		45.0	



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Report No –BMS/22/SML/156

Issued Date-03.08.2022

WORK ZONE NOISE LEVEL MONITORING TEST REPORT

Client Name &Address	M/s Sree Metaliks Ltd., Anra, Keonjhar, Odisha
Nature of Sampling	Work Zone Noise
Sampling Location	N1- Near Admin Building N2- Raw material Stock Yard
Sampling By	BIOME's Representative
Instrument Used	Noise Meter
Date of Sampling	07.07.2022
Date of Receiving	08.07.2022

Day time Noise monitoring results Noise Level in dB (A)		
TIME (6.00AM to 10.00PM)	N-1	N-2
Avg.	71.4	70.4
Standard as per CPCB	75	
Night time Noise monitoring results Noise Level in dB (A)		
TIME (10.00PM to 6.00AM)	N-1	N-2
Avg.	64.5	60.2
Standard as per CPCB	70	



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Report No –BMS/22/SML/158

Issued Date-03.08.2022

STACK EMISSION MONITORING TEST REPORT

Client Name &Address	/s Sree Metaliks Ltd., Anra, Keonjhar, Odisha
Nature of Sampling	Flue Gas
Sampling Location	St-1 Bag filter of Bentonite Hopper St-2 Bag filter of Ash Bunket St-3 Mixer St-4 ESP Connected to TG St-5 Bag filter of Propositioning System
Sampling By	BIOME's Representative
Instrument Used	Stack Kit
Date of Sampling	08 & 09.07.2022
Date of Receiving	11.07.2022
Date of Analysis	19.07.2022

ANALYSIS RESULT

Sl. No	Items	Testing Method	As per CPCB Standard	Result				
				St-1	St-2	St-3	St-4	St-5
01	Flue Gas Temp. in K	IS-11255 (PART-3) 1985, (RA-2013)	---	46	40	44	144	42
02	Average flue gas Velocity in m/sec	IS-11255 (PART-3) 1985, (RA-2013)	---	5.8	5.9	11.2	16.4	5.6
03	Quantity of Emission	IS-11255 (PART-3) 1985, (RA-2013)	---	1387	1320	898	149708	1328
04	Particulate Matter (PM) in mg/Nm ³	IS-11255(PART-1) 1985, (RA-2014) Gravimetric Method	100	54.5	68.7	78.5	71.2	67.2



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