

**ENVIRONMENT MONITORING
REPORT OF
MONTH OCTOBER-2022**



**Client- M/s SREE METALIKS LTD.
Address- Mukundapur, Parang Dist-
Angul, Odisha**

Monitored By - BIOMES LABORATORY



**Address- Plot-225,Chandrasekharpur,
Bhubaneswar, Odisha-751016
NABL Certificate No:- TC10019**

PHOTOGRAPHS OF ENVIRONMENT MONITORING





M/s BIOMES

ENVIRONMENTAL CONSULTANT & NABL (ISO/IEC 17025:2017) ACCREDITED LABORATORY

[ISO 14001:2015, ISO 9001:2015 & ISO 45001:2018 Certified Organization]



Report No -BMS/22/SML-Anugul/294

Issued Date-08.11.2022

AMBIENT AIR QUALITY MONITORING TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, Odisha
Work Order No./ Date	SML/BBL/ENV/WO/205/22-23; 24.09.2022
Nature of Sampling	Ambient Air Sample
Sampling Location & Coordinates	AAQ1-Near Admin Office: 20°52'6.54"N Latitude & 85°01'0.63"E Longitude
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)	NOx (µg/m ³)
03.10.2022	55.4	27.8	10.4	16.4
06.10.2022	50.2	24.9	7.9	14.6
10.10.2022	55.4	27.5	8.4	15.8
13.10.2022	58.2	29.6	9.4	16.8
17.10.2022	61.6	31.5	10.4	17.5
20.10.2022	60.8	30.7	10.8	18.6
24.10.2022	62.4	33.1	11.2	19.2
27.10.2022	59.6	30.6	10.6	18.6
31.10.2022	61.4	31.8	10.4	18.1
NAAQ* Standard	100	60	80	80
Methods of Analysis	IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)



Authorized Signatory

END OF REPORT

Note:

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Plot No. 225, District Centre, Chandrasekharpur, Bhubaneswar – 751016
 Email – biomes.bbsr@gmail.com, biomes.enviro@gmail.com
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Report No –BMS/22/SML-Anugul/295

Issued Date-08.11.2022

AMBIENT AIR QUALITY MONITORING TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, Odisha
Work Order No./ Date	SML/BBL/ENV/WO/205/22-23; 24.09.2022
Nature of Sampling	Ambient Air Sample
Sampling Location & Coordinates	AAQ2- Near Main Gate: 20°52'5.71"N Latitude & 85°01'2.74"E Longitude
Sampling By	BIOME's Representative
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, Gaseous Attachment

Date Of Sampling	PM10 ($\mu\text{g}/\text{m}^3$)	PM2.5 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)
03.10.2022	57.2	29.2	10.8	17.2
06.10.2022	53.3	25.6	8.2	15.4
10.10.2022	56.7	28.2	8.8	16.8
13.10.2022	59.5	30.8	9.8	17.6
17.10.2022	63.5	33.1	10.8	18.2
20.10.2022	61.8	32.6	11.6	19.5
24.10.2022	64.8	33.5	11.8	20.4
27.10.2022	62.8	32.1	11.2	19.4
31.10.2022	63.9	32.8	11.5	19.6
NAAQ* Standard	100	60	80	80
Methods of Analysis	IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)




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Report No –BMS/22/SML-Anugul/296

Issued Date-08.11.2022

AMBIENT AIR QUALITY MONITORING TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, Odisha
Work Order No./ Date	SML/BBL/ENV/WO/205/22-23; 24.09.2022
Nature of Sampling	Ambient Air Sample
Sampling By	BIOME's Representative
Instrument Used	CO Analyser

Name of Location	A1 Near Admin Office	A2 Near Main Gate
Date Of Sampling	CO (mg/m ³)	CO (mg/m ³)
03.10.2022	0.46	0.48
06.10.2022	0.44	0.45
10.10.2022	0.46	0.47
13.10.2022	0.47	0.48
17.10.2022	0.49	0.5
20.10.2022	0.5	0.51
24.10.2022	0.51	0.53
27.10.2022	0.5	0.52
31.10.2022	0.49	0.51
NAAQ* Standard	4	4
Methods of Analysis	IS: 5182 (Part- 10)	IS:5182 (Part-10)



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Report No –BMS/22/SML-Anugul/296

Issued Date-08.11.2022

AMBIENT AIR QUALITY MONITORING TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, Odisha
Work Order No./ Date	SML/BBL/ENV/WO/205/22-23; 24.09.2022
Nature of Sampling	Ambient Air Sample
Sampling By	BIOME's Representative
Instrument Used	Respirable Dust Sampler, Benzene Sampler
Date of Sampling	20.10.2022

Name of Location	Location	O ₃ (µg/m ³)	NH ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
AAQ-1	A1 Near Admin Office	<8.0	<20.0	<0.06	<0.6	<0.44	<5	<1
AAQ-2	A2 Near Main Gate	<8.0	<20.0	<0.06	<0.6	<0.44	<5	<1
	NAAQ* Standard	100	400	1	20	6	5	1
	Methods of Analysis	IS:5182 (Part-9)	IS:5182 (Part-25)	IS:5182 (Part-22)	IS:5182 (Part-26)	As per CPCB method followed by AAS	IS:5182 (Part-11)	IS:5182 (Part-12)




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Report No –BMS/22/SML-Anugul/297

Issued Date-08.11.2022

FUGITIVE MONITORING TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur,Parang,Dist-Anugul, Odisha
Work Order No./ Date	SML/BBL/ENV/WO/205/22-23; 24.09.2022
Nature of Sampling	AAQ-Fugitive Dust Sample
Sampling By	BIOME's Representative
Instrument Used	Respirable Dust Sampler

Sl. No.	Name of Location	Latitude	Longitude	Date of Sampling	Result
1	Near DRI	20°52'6.74"N	85°0'51.38"E	14.10.2022	648.2
2	Near W.Bridge	20°52'7.13"N	85°1'0.55"E	14.10.2022	596.4
Fugitive Standard					1200
Methods of Analysis					IS:5182 (Part-24)




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Report No -BMS/22/SML-Anugul/298

Issued Date-08.11.2022

AMBIENT NOISE LEVEL MONITORING TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, Odisha
Work Order No./ Date	SML/BBL/ENV/WO/205/22-23; 24.09.2022
Nature of Sampling	Ambient Noise
Sampling Location	N1-Near Admin Office; Latitude 20°52'6.54"N & Longitude 85°01'0.63"E N2-Near Main Gate; Latitude 20°52'5.71"N & Longitude 85°01'2.74"E
Sampling By	BIOME's Representative
Instrument Used	Noise Meter
Date of Sampling	21.10.2022
Date of Receiving	22.10.2022

Day time Noise monitoring results Noise Level in dB (A)		
TIME (6.00AM to 10.00PM)	N-1	N-2
Avg.	65.1	64.3
Standard as per CPCB	75.0	75.0
Night time Noise monitoring results Noise Level in dB (A)		
TIME (10.00PM to 6.00AM)	N-1	N-2
Avg.	47.8	51.4
Standard as per CPCB	70.0	70.0




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Report No -BMS/22/SML-Anugul/299

Issued Date-08.11.2022

WORK ZONE NOISE LEVEL MONITORING TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, Odisha
Work Order No./ Date	SML/BBL/ENV/WO/205/22-23; 24.09.2022
Nature of Sampling	Work Zone Noise
Sampling Location	N1- Near DRI; Latitude 20°52'6.74"N & Longitude 85°0'51.38"E N2- Near W. Bridge; Latitude 20°52'7.13"N & Longitude 85°1'0.55"E
Sampling By	BIOME's Representative
Instrument Used	Noise Meter
Date of Sampling	21.10.2022
Date of Receiving	22.10.2022

Day time Noise monitoring results Noise Level in dB (A)		
TIME (6.00AM to 10.00PM)	N-1	N-2
Avg.	70.2	69.9
Standard as per CPCB	75.0	
Night time Noise monitoring results Noise Level in dB (A)		
TIME (10.00PM to 6.00AM)	N-1	N-2
Avg.	63.8	56.7
Standard as per CPCB	70.0	




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