

**ENVIRONMENT MONITORING REPORT
FOR THE MONTH OF
JUNE - 2024**



Client- M/s SREE METALIKS LTD.

Address- Loidapada, Barbil,

Dist- Keonjhar, Odisha



Monitored By - Green Force Associates Pvt. Ltd.

Address- Plot No-1666, Phase-II, Delta Colony,

Nilakantheswar Marg, Baramunda,

Bhubaneswar-751003

NABL Certificate No:- TC-12258





GREEN FORCE ASSOCIATES PRIVATE LIMITED



Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurdha

✉ Mail Id: greenforceassociates@gmail.com



ULR No- TC1225824000000058F

Report No- GFAPL/24-25/SMR/034

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha..		
Nature of Sampling	Ambient Air Quality Monitoring		
Sampling By	GFAPL's Representative		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Sampling Location & Coordinates	AAQ1 - Near Admin Office: 21°59'26.41"N Latitude & 85°19'39.29"E Longitude		
Instrument Used	Respirable Dust Sampler, Fine Particulate Dust Sampler		

Date of Sampling	Lab Id Code	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 ($\mu\text{g}/\text{m}^3$)
03.06.2024	GF/24-25/A166	67.8	34.2	11.3	16.8
06.06.2024	GF/24-25/A174	70.6	36.3	12.8	18.2
10.06.2024	GF/24-25/A182	73.7	37.5	14.2	20.4
13.06.2024	GF/24-25/A190	75.6	38.8	16.3	21.6
17.06.2024	GF/24-25/A198	79.2	41.7	17.8	23.5
20.06.2024	GF/24-25/A210	63.8	31.7	14.2	18.2
24.06.2024	GF/24-25/A218	69.7	35.0	15.8	19.8
27.06.2024	GF/24-25/A230	60.2	30.0	13.8	17.2
Max		79.2	41.7	17.8	23.5
Min		60.2	30.0	11.3	16.8
Avg		70.1	35.6	14.5	19.5
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)

Verified By

Authorized By

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED
Chief Analyst
Miss. Arti Sahoo
BHUBANESWAR, ODISHA

TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Technical Manager
Mr. S.K. Parhi
BHUBANESWAR, ODISHA

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GREEN FORCE ASSOCIATES PRIVATE LIMITED

Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurda

Mail Id: greenforceassociates@gmail.com



ULR No- TC12258240000000059F

Report No- GFAPL/24-25/SMR/035

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Ambient Air Quality Monitoring		
Sampling By	GFAPL's Representative		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Sampling Location & Coordinates	AAQ2 - Near Dispensary: 21°59'33.80"N Latitude & 85°19'24.18"E Longitude		
Instrument Used	Respirable Dust Sampler, Fine Particulate Dust Sampler		

Date of Sampling	Lab Id Code	PM10 ($\mu\text{g}/\text{m}^3$)	PM2.5 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NOx ($\mu\text{g}/\text{m}^3$)
03.06.2024	GF/24-25/A167	57.8	28.8	7.8	13.2
06.06.2024	GF/24-25/A175	60.4	30.8	8.2	13.8
10.06.2024	GF/24-25/A183	64.2	32.5	8.8	14.6
13.06.2024	GF/24-25/A191	65.8	33.3	9.2	15.4
17.06.2024	GF/24-25/A199	67.7	34.2	9.8	16.3
20.06.2024	GF/24-25/A211	54.1	26.7	7.2	14.2
24.06.2024	GF/24-25/A219	56.8	27.9	7.8	15.2
27.06.2024	GF/24-25/A231	52.7	25.6	6.8	13.4
	Max	67.7	34.2	9.8	16.3
	Min	52.7	25.6	6.8	13.2
	Avg	59.9	30.0	8.2	14.5
	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)

Verified By

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Miss. Anuradha

Authorized By

TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Mr. S. K. Panda

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GREEN FORCE ASSOCIATES PRIVATE LIMITED



Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurdha

✉ Mail Id: greenforceassociates@gmail.com



ULR No- TC12258240000000060F

Report No- GFAPL/24-25/SMR/036

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Ambient Air Quality Monitoring		
Sampling By	GFAPL's Representative		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Sampling Location & Coordinates	AAQ3- Village Rugudihi:21°59'50.80"N Latitude &85°19'20.16"E Longitude		
Instrument Used	Respirable Dust Sampler, Fine Particulate Dust Sampler		

Date of Sampling	Lab Id Code	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 ($\mu\text{g}/\text{m}^3$)
03.06.2024	GF/24-25/A168	58.6	29.6	7.4	12.6
06.06.2024	GF/24-25/A176	61.8	31.3	7.8	13.4
10.06.2024	GF/24-25/A184	65.6	33.8	8.4	14.2
13.06.2024	GF/24-25/A192	68.4	35.0	9.2	15.8
17.06.2024	GF/24-25/A200	70.2	36.3	10.2	16.8
20.06.2024	GF/24-25/A212	55.8	27.9	6.8	12.6
24.06.2024	GF/24-25/A220	58.9	29.2	7.2	13.8
27.06.2024	GF/24-25/A232	53.7	26.3	5.8	11.6
Max		70.2	36.3	10.2	16.8
Min		53.7	26.3	5.8	11.6
Avg		61.6	31.1	7.8	13.8
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)

Verified By

CHIEF ANALYST
GREEN FORCE ASSOCIATES PRIVATE LIMITED
Miss. Anu Sahoo
Bhubaneswar, Odisha

Authorized By

TECHNICAL MANAGER
GREEN FORCE ASSOCIATES PRIVATE LIMITED
Mr. Biju Barua
Bhubaneswar, Odisha

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Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurda

Mail Id: greenforceassociates@gmail.com



ULR No- TC12258240000000061F

Report No- GFAPL/24-25/SMR/037

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Ambient Air Quality Monitoring		
Sampling By	GFAPL's Representative		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Sampling Location & Coordinates	AAQ4 - Village Lohidapada:21°59'35.97"N Latitude & 85°19'08.86"E Longitude		
Instrument Used	Respirable Dust Sampler, Fine Particulate Dust Sampler		

Date of Sampling	Lab Id Code	PM10 ($\mu\text{g}/\text{m}^3$)	PM2.5 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NOx ($\mu\text{g}/\text{m}^3$)
03.06.2024	GF/24-25/A169	56.8	28.3	6.8	11.6
06.06.2024	GF/24-25/A177	59.2	30.0	7.2	12.8
10.06.2024	GF/24-25/A185	62.6	31.7	7.8	13.8
13.06.2024	GF/24-25/A193	64.2	32.9	8.2	14.6
17.06.2024	GF/24-25/A201	67.4	33.8	8.8	15.2
20.06.2024	GF/24-25/A213	54.6	27.1	6.3	11.8
24.06.2024	GF/24-25/A221	57.2	28.3	6.8	12.8
27.06.2024	GF/24-25/A233	51.6	25.6	5.2	10.8
Max		67.4	33.8	8.8	15.2
Min		51.6	25.6	5.2	10.8
Avg		59.2	29.7	7.1	12.9
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)

Verified By

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED

CHUBANESWAR, ODISHA

Miss. Arti Sahoo

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TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
CHUBANESWAR, ODISHA



GREEN FORCE ASSOCIATES PRIVATE LIMITED

Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurda

Mail Id: greenforceassociates@gmail.com

(An ISO 14001, 9001, 45001 certified Consulting Organization & NABL Accredited Laboratory)

Report No- GFAPL/24-25/SMR/038

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Ambient Air Quality Monitoring		
Sampling By	GFAPL's Representative		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Sampling Location & Coordinates	AAQ1 - Near Admin Office:21°59'26.41"N Latitude & 85°19'39.29"E Longitude AAQ2 - Near Dispensary:21°59'33.80"N Latitude & 85°19'24.18"E Longitude AAQ3 - Village Rugudihi:21°59'50.80"N Latitude & 85°19'20.16"E Longitude AAQ4 - Village Lohidapada:21°59'35.97"N Latitude & 85°19'08.86"E Longitude		
Instrument Used	CO Analyser		

Date of Sampling	CO (mg/m ³)			
	AAQ1	AAQ2	AAQ3	AAQ4
03.06.2024	0.48	0.39	0.36	0.34
06.06.2024	0.51	0.41	0.39	0.38
10.06.2024	0.55	0.43	0.43	0.40
13.06.2024	0.58	0.45	0.46	0.42
17.06.2024	0.61	0.46	0.48	0.44
20.06.2024	0.48	0.42	0.40	0.38
24.06.2024	0.51	0.44	0.44	0.40
27.06.2024	0.45	0.38	0.39	0.36
Max	0.61	0.46	0.48	0.44
Min	0.45	0.38	0.36	0.34
Avg	0.52	0.42	0.41	0.39
NAAQ* Standard	4			
Methods of Analysis	IS: 5182 (Part- 10)			

Verified By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

Miss Arun Sahoo

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Authorized By

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

Mr. S.K. Barik



GREEN FORCE ASSOCIATES PRIVATE LIMITED



Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurda



Mail Id: greenforceassociates@gmail.com



ULR No- TC12258240000000062F

Report No- GFAPL/24-25/SMR/039

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Ambient Air Monitoring		
Sampling By	GFAPL's Representative		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Instrument Used	Respirable Dust Sampler.		

Location Code	Lab Id Code	Sampling Location	Date of Sampling	O3 ($\mu\text{g}/\text{m}^3$)	NH3 ($\mu\text{g}/\text{m}^3$)
AAQ1	GF/24-25/A198	Near Admin Office	17.06.2024	10.8	26.8
AAQ2	GF/24-25/A199	Near Dispensary	17.06.2024	<8.0	<20.0
AAQ3	GF/24-25/A200	Village Rugudi	17.06.2024	<8.0	<20.0
AAQ4	GF/24-25/A201	Village Lohidapada	17.06.2024	<8.0	<20.0
NAAQ* Standard				100	400
Methods of Analysis				IS:5182 (Part-9)	IS:5182 (Part-25)

Verified By

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED
BARAMUNDA, ODISHA
Miss. Arti Sahoo

Authorized By

TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
BARAMUNDA, ODISHA
Mr. S.R. Parni

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GREEN FORCE ASSOCIATES PRIVATE LIMITED



Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurda



Mail Id: greenforceassociates@gmail.com

(An ISO 14001, 9001, 45001 certified Consulting Organization & NABL Accredited Laboratory)

Report No- GFAPL/24-25/SMR/040

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha..		
Nature of Sampling	Workzone Air Monitoring		
Sampling By	GFAPL's Representative	Date of Sampling	17.06.2024
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Instrument Used	Respirable Dust Sampler.		

Name of Location	Location	Pb ($\mu\text{g}/\text{m}^3$)	Ni (ng/m^3)	As (ng/m^3)	C6H6 ($\mu\text{g}/\text{m}^3$)	BaP (ng/m^3)
AAQ1	Near Admin Office	<0.06	<0.6	<0.44	<5	<1
AAQ2	Near Dispensary	<0.06	<0.6	<0.44	<5	<1
AAQ3	Village Rugudi	<0.06	<0.6	<0.44	<5	<1
AAQ4	Village Lohidapada	<0.06	<0.6	<0.44	<5	<1
NAAQ* Standard		1	20	6	5	1
Methods of Analysis		IS:5182 (Part-22)	IS:5182 (Part-26)	As per CPCB method followed by AAS	IS:5182 (Part-11)	IS:5182 (Part-12)

Verified By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED

Chief Analyst

Miss. Arif Samad

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TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

Technical Manager

Mr. S.K. Panda



GREEN FORCE ASSOCIATES PRIVATE LIMITED

Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurda

Mail Id: greenforceassociates@gmail.com



ULR No- TC12258240000000063F

Report No- GFAPL/24-25/SMR/041

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Ambient Noise Monitoring		
Location of performance of Laboratory activities	Site Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Sampling By	GFAPL's Representative		
Instrument Used	Sound Level Meter		

Sl.No.	Locations	Date of Sampling	Day Time	Night Time
			Results in dB(A)	
1	Near Admin Office; Latitude: 21°59'26.41"N& Longitude: 85°19'39.29"E	21.06.2024	64.6	51.9
2	Near Dispensary; Latitude: 21°59'33.80"N& Longitude: 85°19'24.18"E	21.06.2024	49.2	38.8
Industrial Zone permissible limits as per CPCB Norms			75 dB(A)	70 dB(A)
3	Village Rugudi; Latitude: 21°59'50.80"N& Longitude: 85°19'20.16"E	22.06.2024	49.7	38.6
4	Village Lohidapada; Latitude: 21°59'35.97"N& Longitude: 85°19'08.86"E	22.06.2024	48.2	39.3
Residential Zone permissible limits as per CPCB Norms			55 dB(A)	45 dB(A)

Verified By

Authorized By

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Miss. Arpita Sahoo

TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Mr. Subir Jyoti

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Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurdha

✉ Mail Id: greenforceassociates@gmail.com



ULR No- TC12258240000000064F

Report No- GFAPL/24-25/SMR/042

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Workzone Noise Monitoring		
Location of performance of Laboratory activities	Site Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Sampling By	GFAPL's Representative		
Instrument Used	Sound Level Meter		

Sl.NO	Locations	Date Of Sampling	Day Time	Night Time
			Results in dB(A)	
1	Near Main Gate; Latitude: 21°59'36.61"N& Longitude: 85°19'27.95"E	23.06.2024	67.3	62.5
2	Near Crushing Plant; Latitude: 21°59'27.80"N& Longitude: 85°19'38.89"E	23.06.2024	69.5	64.7
3	Near Power Plant; Latitude: 21°59'27.87"N& Longitude: 85°19'30.78"E	24.06.2024	66.4	60.5
4	Near SMS - 1; Latitude: 21°59'23.62"N& Longitude: 85°19'37.62"E	24.06.2024	69.8	63.7
5	Near SMS - 2; Latitude: 21°59'36.28"N& Longitude: 85°19'34.16"E	26.06.2024	68.1	62.1
6	Near Blast Furnace; Latitude: 21°59'23.15"N& Longitude: 85°19'32.77"E	26.06.2024	68.4	60.8
7	Near Milling Role-1; Latitude: 21°59'23.96"N& Longitude: 85°19'39.63"E	27.06.2024	71.2	66.7
8	Near Milling Role-2; Latitude: 21°59'39.20"N& Longitude: 85°19'36.15"E	27.06.2024	70.3	65.6
Industrial Zone permissible limits as per CPCB Norms			Day Time- 75 dB(A)	Night Time- 70 dB(A)

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GREENFORCE ASSOCIATES PRIVATE LIMITED

Chief Analyst
Miss. Arti Sahoo

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GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha



GREEN FORCE ASSOCIATES PRIVATE LIMITED



Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurda

✉ Mail Id: greenforceassociates@gmail.com



ULR No- TC12258240000000065F

Report No- GFAPL/24-25/SMR/043

Issued Date- 04.07.2024

TEST REPORT

Client Name &Address		M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.				
Nature of Sampling		Fugitive Dust Emission				
Location of performance of Laboratory activities		Laboratory Permanent Facility	Deviation from the method (if any)		NO	
Discipline		Chemical	Group		Atmospheric Pollution	
Sampling By		GFAPL's Representative				
Instrument Used		Respirable Dust Sampler				
Sl. No.	Name of Location	Lab Id Code	Latitude	Longitude	Date of Sampling	Result
1	Near Main Gate	GF/24-25/A202	21°59'36.61"N	85°19'27.95"E	18.06.2024	786.6
2	Near Crushing Plant	GF/24-25/A203	21°59'27.80"N	85°19'38.89"E	18.06.2024	772.4
3	Near Power Plant	GF/24-25/A204	21°59'27.87"N	85°19'30.78"E	18.06.2024	746.5
4	Near SMS-1	GF/24-25/A205	21°59'23.62"N	85°19'37.62"E	18.06.2024	748.8
5	Near SMS-2	GF/24-25/A222	21°59'36.28"N	85°19'34.16"E	25.06.2024	586.4
6	Near Blast Furnace	GF/24-25/A223	21°59'23.15"N	85°19'32.77"E	25.06.2024	556.7
7	Near MillingRole-1	GF/24-25/A224	21°59'23.96"N	85°19'39.63"E	25.06.2024	549.2
8	Near MillingRole-2	GF/24-25/A225	21°59'39.20"N	85°19'36.15"E	25.06.2024	532.8
Fugitive Standard						1200
Methods of Analysis					IS:5182(Part-24)	

Verified By

Authorized By

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Miss. Arti Sahoo

TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Mr. S.K. Parin

Note:

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GREEN FORCE ASSOCIATES PRIVATE LIMITED



Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurda



Mail Id: greenforceassociates@gmail.com



ULR No- TC12258240000000066F

Report No- GFAPL/24-25/SMR/044

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Stack Monitoring		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Sampling By	GFAPL's Representative		
Date of Sampling	24.06.2024	Date of Receiving	25.06.2024
Date of Analysis	25.06.2024	Date of Complete	26.06.2024
Sampling Location & Coordinates	ST-1: Stack Attached to DRI 1&2; Lat: 20°59'28.66"N & Long: 85°19'35.76"E ST-2: Stack Attached to DRI 3&4; Lat: 20°59'26.74"N & Long: 85°19'38.33"E		
Instrument Used	Stack monitoring Kit; Vacuum Pump; Pyrometer	Lab Id Code	ST1-GF/2024-25/St/015 ST2- GF/2024-25/St/016

Sl. No	Parameter	Testing Method	As per CPCB Standard	ST1	ST2
01	Temperature in K	IS-11255 (PART-3) 1985, (RA-2013)	---	403	397
02	Velocity in m/sec	IS-11255 (PART-3) 1985, (RA-2013)	---	15.74	14.85
03	Flow Rate in (mg/Nm ³)	IS-11255 (PART-3) 1985, (RA-2013)	---	58447.7	56822.2
05	Particulate Matter (PM) in mg/Nm ³	IS-11255(PART-1) 1985, (RA-2014) Gravimetric Method	100	31.0	<1.0
06	SO ₂ (mg/Nm ³)	IS-11255(PART-2) 1985, (RA-2019)	600	29.0	75.6
07	CO in %	IS-13270:1992, (RA-2019)	1%	<0.2	<0.2
08	CO ₂ in %	IS-13270:1992, (RA-2019)	---	1.8	1.5

Verified By

[Signature]

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED

Office Analyst

Miss. Arti Saboo

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[Signature]

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

Technical Manager

Mr. S.K. Parhi

END OF REPORT

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GREEN FORCE ASSOCIATES PRIVATE LIMITED



Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurda

Mail Id: greenforceassociates@gmail.com

ULR No- TC12258240000000067F

Report No- GFAPL/24-25/SMR/045

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Stack Monitoring		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Sampling By	GFAPL's Representative		
Date of Sampling	25.06.2024	Date of Receiving	26.06.2024
Date of Analysis	26.06.2024	Date of Complete	27.06.2024
Sampling Location & Coordinates	ST-3: Stack Attached to DRI 5&6; Lat: 20°59'26.95"N & Long: 85°19'38.80"E ST-4: Stack Attached to ABC Boiler; Lat: 20°59'27.67"N & Long: 85°19'31.06"E		
Instrument Used	Stack monitoring Kit; Vacuum Pump; Pyrometer	Lab Id Code	ST3-GF/2024-25/St/017 ST4- GF/2024-25/St/018

Sl. No	Parameter	Testing Method	As per CPCB Standard	ST3	ST4
01	Temperature in K	IS-11255 (PART-3) 1985, (RA-2013)	---	393.0	396.0
02	Velocity in m/sec	IS-11255 (PART-3) 1985, (RA-2013)	---	15.12	14.74
03	Flow Rate in (mg/Nm ³)	IS-11255 (PART-3) 1985, (RA-2013)	---	23728.3	89402.9
04	PM (mg/Nm ³)	IS-11255(PART-1) 1985, (RA-2014) Gravimetric Method	100	31.7	18.7
05	SO ₂ (mg/Nm ³)	IS-11255(PART-2) 1985, (RA-2019)	600	68.6	14.5
06	CO in %	IS-13270:1992, (RA-2019)	1%	<0.2	<0.2
07	CO ₂ in %	IS-13270:1992, (RA-2019)	---	1.7	1.6

Verified By

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

Chief Analyst

Miss. Arti Sahoo

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TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

Technical Manager
Mr. S.K. Pandey

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GREEN FORCE ASSOCIATES PRIVATE LIMITED



Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
Baramunda, Bhubaneswar, Dist - Khurdha



Mail Id: greenforceassociates@gmail.com

(An ISO 14001, 9001, 45001 certified Consulting Organization & NABL Accredited Laboratory)

Report No- GFAPL/24-25/SMR/046

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Stack Monitoring		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Sampling By	GFAPL's Representative		
Date of Sampling	24.06.2024	Date of Receiving	25.06.2024
Date of Analysis	25.06.2024	Date of Complete	26.06.2024
Sampling Location & Coordinates	ST-1: Stack Attached to DRI 1&2; Lat: 20°59'28.66"N & Long: 85°19'35.76"E ST-2: Stack Attached to DRI 3&4; Lat: 20°59'26.74"N & Long: 85°19'38.33"E		
Instrument Used	Stack monitoring Kit; Vacuum Pump; Pyrometer		

Sl. No	Parameter	Testing Method	As per CPCB Standard	ST1	ST2
01	Pbar in mm Hg	--	--	690	690
02	NOx (mg/Nm ³)	IS-11255(PART-2) 1985	300	60.4	68.6

Verified By

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED
Chief Analyst
Miss. Arti Sahoo
BHUBANESWAR, ODISHA

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TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Mr. S.R. Parhi
BHUBANESWAR, ODISHA

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Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
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Report No- GFAPL/24-25/SMR/047

Issued Date- 04.07.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Stack Monitoring		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Atmospheric Pollution
Sampling By	GFAPL's Representative		
Date of Sampling	25.06.2024	Date of Receiving	26.06.2024
Date of Analysis	26.06.2024	Date of Complete	27.06.2024
Sampling Location & Coordinates	ST-3: Stack Attached to DRI 5&6; Lat: 20°59'26.95"N & Long: 85°19'38.80"E ST-4: Stack Attached to ABC Boiler; Lat: 20°59'27.67"N & Long: 85°19'31.06"E		
Instrument Used	Stack monitoring Kit; Vacuum Pump; Pyrometer		

Sl. No	Parameter	Testing Method	As per CPCB Standard	ST3	ST4
01	Pbar in mm Hg	--	---	690	690
02	NOx (mg/Nm ³)	IS-11255(PART-2) 1985	300	52.4	62.4

Verified By

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Miss. Arti Sahoo

Authorized By

TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

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