

**ENVIRONMENT MONITORING REPORT**  
**FOR THE MONTH OF**  
**OCTOBER - 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**

## PHOTOGRAPHS OF ENVIRONMENT MONITORING





# 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- TC1225824000000199F

Report No- GFAPL/24-25/SMR/095

Issued Date- 04.11.2024

## 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, Gaseous Attachment		
Sampling Method	As Per IS: 5182		

Date of Sampling	Lab Id Code	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )
03.10.2024	GF/24-25/A480	59.8	28.3	7.2	12.2
07.10.2024	GF/24-25/A488	56.2	27.2	6.8	11.6
10.10.2024	GF/24-25/A496	60.5	30.0	7.8	12.4
14.10.2024	GF/24-25/A504	64.2	31.7	8.4	12.8
17.10.2024	GF/24-25/A512	68.8	33.9	9.8	13.8
21.10.2024	GF/24-25/A524	67.3	33.8	10.2	14.6
24.10.2024	GF/24-25/A536	47.2	21.3	6.9	10.4
28.10.2024	GF/24-25/A544	53.5	25.0	7.8	11.8
31.10.2024	GF/24-25/A552	57.6	26.7	8.4	12.8
Max		68.8	33.9	10.2	14.6
Min		47.2	21.3	6.8	10.4
Avg		59.4	28.6	8.1	12.4
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)

Reviewed By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED  
CHIEF ANALYST  
Miss. Arti Sahoo

Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED  
TECHNICAL MANAGER  
Mr. S.K. Parhi

Note:

- The results listed refer only to tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

--1--





# 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- TC1225824000000200F

Report No- GFAPL/24-25/SMR/096

Issued Date- 04.11.2024

## 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, Gaseous Attachment		
Sampling Method	As Per IS: 5182		

Date of Sampling	Lab Id Code	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )
03.10.2024	GF/24-25/A481	44.8	20.0	4.6	9.6
07.10.2024	GF/24-25/A489	42.1	18.9	<4.0	<9.0
10.10.2024	GF/24-25/A497	46.4	21.1	4.2	9.6
14.10.2024	GF/24-25/A505	48.6	22.2	4.8	9.8
17.10.2024	GF/24-25/A513	49.2	23.9	4.6	9.8
21.10.2024	GF/24-25/A525	48.6	23.8	5.2	10.3
24.10.2024	GF/24-25/A537	40.1	17.5	<4.0	<9.0
28.10.2024	GF/24-25/A545	43.6	18.8	<4.0	<9.0
31.10.2024	GF/24-25/A553	45.6	21.1	<4.0	<9.0
Max		49.2	23.9	5.2	10.3
Min		40.1	17.5	<4.0	<9.0
Avg		45.4	20.8	4.6	9.8
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)

Reviewed By

Authorized Signatory

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

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

Note:

- The results listed refer only to tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

--1--



# 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- TC1225824000000201F

Report No- GFAPL/24-25/SMR/097

Issued Date- 04.11.2024

## 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, Gaseous Attachment		
Sampling Method	As Per IS: 5182		

Date of Sampling	Lab Id Code	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )
03.10.2024	GF/24-25/A482	41.7	18.9	<4.0	<9.0
07.10.2024	GF/24-25/A490	39.6	17.8	<4.0	<9.0
10.10.2024	GF/24-25/A498	41.8	19.4	<4.0	<9.0
14.10.2024	GF/24-25/A506	44.2	21.1	<4.0	<9.0
17.10.2024	GF/24-25/A514	46.4	22.8	<4.0	<9.0
21.10.2024	GF/24-25/A526	45.6	21.3	<4.0	<9.0
24.10.2024	GF/24-25/A538	38.6	16.3	<4.0	<9.0
28.10.2024	GF/24-25/A546	40.5	17.5	<4.0	<9.0
31.10.2024	GF/24-25/A554	44.2	20.6	<4.0	<9.0
Max		46.4	22.8	<4.0	<9.0
Min		38.6	16.3	<4.0	<9.0
Avg		42.5	19.5	<4.0	<9.0
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)

Reviewed By

Chief Analyst  
GREENFORCE ASSOCIATES PRIVATE LIMITED  
Miss. Arti Sahoo  
Bhubaneswar, Odisha

Authorized Signatory  
GREENFORCE ASSOCIATES PRIVATE LIMITED  
Bhubaneswar, Odisha  
Technical Manager  
Mr. S.K. Parhi

Note:

- The results listed refer only to tested samples and applicable parameters Endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

--1--



# 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- TC1225824000000202F

Report No- GFAPL/24-25/SMR/098

Issued Date- 04.11.2024

## 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, Gaseous Attachment		
Sampling Method	As Per IS: 5182		

Date of Sampling	Lab Id Code	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )
03.10.2024	GF/24-25/A483	41.9	19.4	<4.0	<9.0
07.10.2024	GF/24-25/A491	39.2	18.3	<4.0	<9.0
10.10.2024	GF/24-25/A499	43.6	20.6	<4.0	<9.0
14.10.2024	GF/24-25/A507	45.8	22.2	<4.0	<9.0
17.10.2024	GF/24-25/A515	45.8	21.7	<4.0	<9.0
21.10.2024	GF/24-25/A527	45.3	21.3	<4.0	<9.0
24.10.2024	GF/24-25/A539	38.2	16.3	<4.0	<9.0
28.10.2024	GF/24-25/A547	40.8	18.8	<4.0	<9.0
31.10.2024	GF/24-25/A555	45.4	21.7	<4.0	<9.0
Max		45.8	22.2	<4.0	<9.0
Min		38.2	16.3	<4.0	<9.0
Avg		42.8	20.0	<4.0	<9.0
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)

Reviewed By

GREENFORCE ASSOCIATES PRIVATE LIMITED  
BARAMUNDA, BHUBANESWAR, ODISHA

Chief Analyst

Miss. Arti Sahoo

Note:

- The results listed refer only to tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

--1--

Authorized Signatory

TECHNICAL MANAGER  
GREENFORCE ASSOCIATES PRIVATE LIMITED  
BARAMUNDA, BHUBANESWAR, ODISHA

Technical Manager

Mr. S.K. Parhi





# 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/099

Issued Date- 04.11.2024

## 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		
Sampling Method	As Per IS: 5182		

Date of Sampling	CO (mg/m3)			
	AAQ1	AAQ2	AAQ3	AAQ4
03.10.2024	0.34	0.20	0.18	0.19
07.10.2024	0.32	0.18	0.17	0.17
10.10.2024	0.34	0.21	0.18	0.19
14.10.2024	0.35	0.22	0.19	0.20
17.10.2024	0.38	0.24	0.21	0.21
21.10.2024	0.39	0.23	0.20	0.19
24.10.2024	0.23	0.16	0.15	0.15
28.10.2024	0.28	0.19	0.17	0.17
31.10.2024	0.32	0.21	0.19	0.18
Max	0.39	0.24	0.21	0.21
Min	0.23	0.16	0.15	0.15
Avg	0.32	0.20	0.18	0.18
NAAQ* Standard	4			
Methods of Analysis	IS: 5182 (Part- 10)			

Reviewed By

Chief Analyst

Miss: Arpita Sahoo

Note:

- The results listed refer only to tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

--|--

Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

Technical Manager

Mr. S.K. Parni



# 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- TC1225824000000203F

Report No- GFAPL/24-25/SMR/100

Issued Date- 04.11.2024

## 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, Gaseous Attachment		
Sampling Method	As Per IS: 5182		

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/A524	Near Admin Office	21.10.2024	<8.0	<20.0
AAQ2	GF/24-25/A525	Near Dispensary	21.10.2024	<8.0	<20.0
AAQ3	GF/24-25/A526	Village Rugudi	21.10.2024	<8.0	<20.0
AAQ4	GF/24-25/A527	Village Lohidapada	21.10.2024	<8.0	<20.0
NAAQ* Standard				100	400
Methods of Analysis				IS:5182 (Part-9)	IS:5182 (Part-25)

Reviewed By

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

Authorized Signatory

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

Note:

- The results listed refer only to tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

--|--





# 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/101

Issued Date- 04.11.2024

## 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	21.10.2024
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.		
Sampling Method	As Per IS: 5182		

Name of Location	Location	Pb ( $\mu\text{g}/\text{m}^3$ )	Ni ( $\text{ng}/\text{m}^3$ )	As ( $\text{ng}/\text{m}^3$ )	C6H6 ( $\mu\text{g}/\text{m}^3$ )	BaP ( $\text{ng}/\text{m}^3$ )
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)

Reviewed By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED

Chief Analyst  
Miss. Arti Sahoo

Note:

- > The results listed refer only to tested samples and applicable parameters Endorsement of products is neither inferred nor implied.
- > Total liability of our lab is limited to the invoiced amount.
- > Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- > This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- > Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT

--1--

Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

Technical Manager  
Mr. S.K. Parhi



# 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- TC1225824000000204F

Report No- GFAPL/24-25/SMR/102

Issued Date- 04.11.2024

## 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		
Sampling Method	As Per IS:9989		

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	23.10.2024	60.8	49.1
2	Near Dispensary; Latitude: 21°59'33.80"N& Longitude: 85°19'24.18"E	23.10.2024	48.6	38.1
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	24.10.2024	47.2	37.2
4	Village Lohidapada; Latitude: 21°59'35.97"N& Longitude: 85°19'08.86"E	24.10.2024	47.9	37.8
Residential Zone permissible limits as per CPCB Norms			55 dB(A)	45 dB(A)

Reviewed By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED

Chief Analyst  
Miss. Arti Sahoo

Note:

- The results listed refer only to tested samples and applicable parameters Endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

-1--

Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

Technical Manager  
Mr. S.K. Parhi



# 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- TC1225824000000205F

Report No- GFAPL/24-25/SMR/103

Issued Date- 04.11.2024

## 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		
Sampling Method	As Per IS:9989		

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	28.10.2024	65.8	59.6
2	Near Crushing Plant; Latitude: 21°59'27.80"N & Longitude: 85°19'38.89"E	28.10.2024	68.1	61.2
3	Near Power Plant; Latitude: 21°59'27.87"N & Longitude: 85°19'30.78"E	29.10.2024	66.4	60.1
4	Near SMS - 1; Latitude: 21°59'23.62"N & Longitude: 85°19'37.62"E	29.10.2024	67.8	61.5
5	Near SMS -2; Latitude: 21°59'36.28"N & Longitude: 85°19'34.16"E	30.10.2024	68.1	61.7
6	Near Blast Furnace; Latitude: 21°59'23.15"N & Longitude: 85°19'32.77"E	30.10.2024	69.1	63.4
7	Near Rolling Mill-1; Latitude: 21°59'23.96"N & Longitude: 85°19'39.63"E	31.10.2024	69.6	64.7
8	Near Rolling Mill-2; Latitude: 21°59'39.20"N & Longitude: 85°19'36.15"E	31.10.2024	69.8	65.4
Industrial Zone permissible limits as per CPCB Norms			Day Time- 75 dB(A)	Night Time- 70 dB(A)

Reviewed By

Chief Analyst  
Miss. Arti Sahoo

Note:

- The results listed refer only to tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

--1--

Authorized Signatory

Technical Manager  
Mr. S.K. Parhi





# 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- TC1225824000000206F

Report No- GFAPL/24-25/SMR/104

Issued Date- 04.11.2024

## 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		
Sampling Method	As Per IS:5182		

Sl. No.	Name of Location	Lab Id Code	Latitude	Longitude	Date of Sampling	Result
1	Near Main Gate	GF/24-25/A516	21°59'36.61"N	85°19'27.95"E	18.10.2024	504.6
2	Near Crushing Plant	GF/24-25/A517	21°59'27.80"N	85°19'38.89"E	18.10.2024	458.7
3	Near Power Plant	GF/24-25/A518	21°59'27.87"N	85°19'30.78"E	18.10.2024	476.1
4	Near SMS-1	GF/24-25/A519	21°59'23.62"N	85°19'37.62"E	18.10.2024	442.8
5	Near SMS-2	GF/24-25/A528	21°59'36.28"N	85°19'34.16"E	22.10.2024	518.3
6	Near Blast Furnace	GF/24-25/A529	21°59'23.15"N	85°19'32.77"E	22.10.2024	494.7
7	Near Rolling Mill-1	GF/24-25/A530	21°59'23.96"N	85°19'39.63"E	22.10.2024	547.2
8	Near Rolling Mill-2	GF/24-25/A531	21°59'39.20"N	85°19'36.15"E	22.10.2024	497.2
Fugitive Standard						1200
Methods of Analysis					IS:5182(Part-24)	

Reviewed By

CHIEF ANALYST  
GREENFORCE ASSOCIATES PRIVATE LIMITED  
NILAKANTHESWAR, ODISHA

Chief Analyst

Miss. Arti Sahoo

Note:

- The results listed refer only to tested samples and applicable parameters Endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

--1--

Authorized Signatory

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



# 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- TC1225824000000207F

Report No- GFAPL/24-25/SMR/105

Issued Date- 04.11.2024

## 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	24.10.2024	Date of Receiving	25.10.2024
Date of Analysis	25.10.2024	Date of Complete	26.10.2024
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/2023-24/St40 ST2- GF/2023-24/St41
Sampling Method	As Per IS:11255		

Sl. No	Parameter	Testing Method	As per CPCB Standard	ST1	ST2
01	Temperature in K	IS-11255 (PART-3) 1985	---	395	393
02	Velocity in m/sec	IS-11255 (PART-3) 1985	---	11.87	14.21
03	Flow Rate in (mg/Nm <sup>3</sup> )	IS-11255 (PART-3) 1985	---	44410.1	53707.4
05	Particulate Matter (PM) in mg/Nm <sup>3</sup>	IS-11255(PART-1) 1985 Gravimetric Method	100	32.8	35.8
06	SO <sub>2</sub> (mg/Nm <sup>3</sup> )	IS-11255(PART-2) 1985	600	32.5	84..3
07	CO in %	IS-13270:1992	1%	<0.2	<0.2
08	CO <sub>2</sub> in %	IS-13270:1992	---	1.4	1.4

Reviewed By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED

Chief Analyst

Miss. Arti Sahoo

Note:

- > The results listed refer only to tested samples and applicable parameters Endorsement of products is neither inferred nor implied.
- > Total liability of our lab is limited to the invoiced amount.
- > Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- > This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- > Report refers to the sample submitted to us and not drawn by unless mentioned otherwise

\*END OF REPORT\*

--1--

Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

Technical Manager

Mr. S.K. Pattnaik



# 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- TC1225824000000208F

Report No- GFAPL/24-25/SMR/106

Issued Date- 04.11.2024

## 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	28.10.2024	Date of Receiving	29.10.2024
Date of Analysis	29.10.2024	Date of Complete	30.10.2024
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	ST1-GF/2023-24/St42 ST2-GF/2023-24/St43

Sl. No	Parameter	Testing Method	As per CPCB Standard	ST3	ST4
01	Temperature in K	IS-11255 (PART-3) 1985	---	396	398
02	Velocity in m/sec	IS-11255 (PART-3) 1985	---	14.48	14.69
03	Flow Rate in (mg/Nm <sup>3</sup> )	IS-11255 (PART-3) 1985	---	21663.6	85653.8
04	PM (mg/Nm <sup>3</sup> )	IS-11255(PART-1) 1985 Gravimetric Method	100	36.7	24.2
05	SO <sub>2</sub> (mg/Nm <sup>3</sup> )	IS-11255(PART-2) 1985	600	77.9	20.3
06	CO in %	IS-13270:1992	1%	<0.2	<0.2
07	CO <sub>2</sub> in %	IS-13270:1992	---	1.5	1.3

Reviewed By

CHIEF ANALYST  
GREEN FORCE ASSOCIATES PRIVATE LIMITED

Miss. Arti Sahoo

Note:

- > The results listed refer only to tested samples and applicable parameters Endorsement of products is neither inferred nor implied.
- > Total liability of our lab is limited to the invoiced amount.
- > Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- > This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- > Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

--1--

Authorized Signatory

TECHNICAL MANAGER  
GREEN FORCE ASSOCIATES PRIVATE LIMITED  
Bhubaneswar, Odisha  
Mr. S.K. Parhi





# 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/107

Issued Date- 04.11.2024

## 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	24.10.2024	Date of Receiving	25.10.2024
Date of Analysis	25.10.2024	Date of Complete	26.10.2024
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	NO <sub>x</sub> (mg/Nm <sup>3</sup> )	IS-11255(PART-2) 1985	300	61.2	72.5

Reviewed By

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

Authorized Signatory

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

Note:

- The results listed refer only to tested samples and applicable parameters Endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

--1--



# 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/108

Issued Date- 04.11.2024

## 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	28.10.2024	Date of Receiving	29.10.2024
Date of Analysis	29.10.2024	Date of Complete	30.10.2024
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 <sup>3</sup> )	IS-11255(PART-2) 1985	300	54.8	66.4

Reviewed By

Chief Analyst

Miss. Arati Sahoo

BHUBANESWAR, ODISHA

Authorized Signatory

Technical Manager

Mr. S.K. Parhi

BHUBANESWAR, ODISHA

Note:

- The results listed refer only to tested samples and applicable parameters Endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Samples will be destroyed after 30 days from the date of test report unless otherwise specified.
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- Report refers to the sample submitted to us and not drawn by unless mentioned otherwise.

\*END OF REPORT\*

--1--