

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

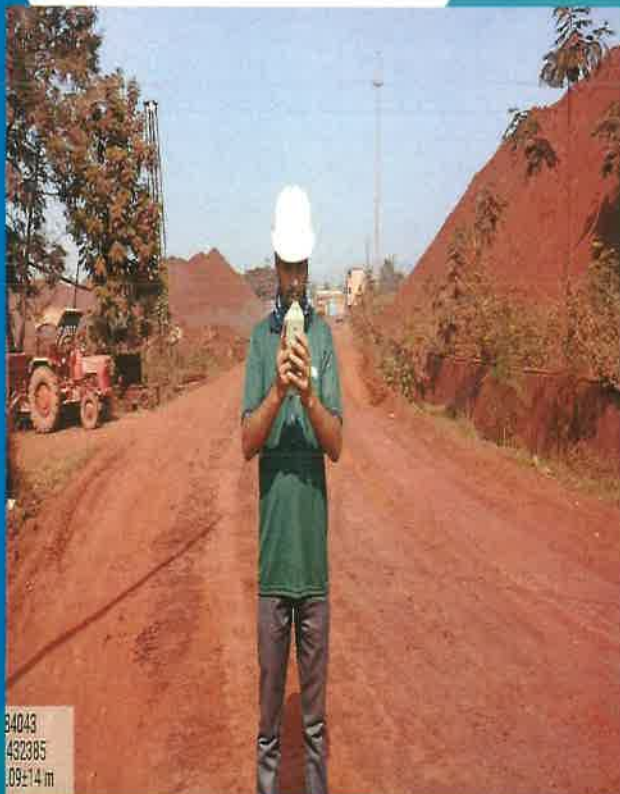


Client- M/s SREE METALIKS LTD.
Address- Anra, Upper Raigoda, Banspal
Dist- Keonjhar, Odisha



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



Report No- GFAPL/24-25/SMA/099

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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 Entry Gate: 21°41'13.17"N Latitude & 85°26'17.90"E Longitude		
Instrument Used	Respirable Dust Sampler, Fine Particulate Dust Sampler, Gaseous Attachment		
Sampling Method	As Per IS: 5182		

Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
04.11.2024	55.6	27.1	7.4	12.2
07.11.2024	58.2	28.6	7.8	12.8
11.11.2024	61.8	30.5	8.2	13.6
14.11.2024	64.2	31.8	8.5	14.2
18.11.2024	66.8	33.2	8.8	14.6
21.11.2024	69.2	34.6	9.4	15.4
25.11.2024	67.5	33.5	9.8	15.9
28.11.2024	71.5	35.6	10.4	16.4
Max	71.50	35.60	10.40	16.40
Min	55.60	27.10	7.40	12.20
Avg	64.35	31.86	8.79	14.39
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. Arun Sahoo

Note:

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END OF REPORT

Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

Technical Manager

Mr. Smita Parida



GREEN FORCE ASSOCIATES PRIVATE LIMITED



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



Mail Id: greenforceassociates@gmail.com



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

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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 Security Barak: 21°41'2.88"N Latitude & 85°25'56.46"E Longitude		
Instrument Used	Respirable Dust Sampler, Fine Particulate Dust Sampler, Gaseous Attachment		
Sampling Method	As Per IS: 5182		

Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
04.11.2024	52.2	25.7	6.6	11.5
07.11.2024	54.8	26.8	6.9	11.8
11.11.2024	56.5	27.5	7.2	12.4
14.11.2024	58.2	28.4	7.5	12.8
18.11.2024	60.1	29.6	7.8	13.4
21.11.2024	62.4	30.4	8.2	13.8
25.11.2024	61.8	30.8	8.6	14.2
28.11.2024	63.4	31.4	8.8	14.8
Max	63.40	31.40	8.80	14.80
Min	52.20	25.70	6.60	11.50
Avg	58.68	28.83	7.70	13.09
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
Bhubaneswar, Odisha

Miss. Arti Sahoo

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END OF REPORT

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 - Khurdha



Mail Id: greenforceassociates@gmail.com



Report No- GFAPL/24-25/SMA/101

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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 Anara; Latitude: 21°41'20.01"N & Longitude: 85°26'19.10"E		
Instrument Used	Respirable Dust Sampler, Fine Particulate Dust Sampler, Gaseous Attachment		
Sampling Method	As Per IS: 5182		

Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
04.11.2024	46.2	21.5	<4.0	<9.0
07.11.2024	48.4	22.8	<4.0	<9.0
11.11.2024	47.5	23.1	<4.0	<9.0
14.11.2024	49.2	24.2	<4.0	<9.0
18.11.2024	50.6	24.8	<4.0	<9.0
21.11.2024	48.4	24.2	<4.0	<9.0
25.11.2024	51.5	25.4	<4.0	<9.0
28.11.2024	49.6	24.6	<4.0	<9.0
Max	51.50	25.40	<4.0	<9.0
Min	46.20	21.50	<4.0	<9.0
Avg	48.93	23.83	<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

Authorized Signatory

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

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

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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



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

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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 Raigad; Latitude: 21°40'58.51"N & Longitude: 85°25'26.93"E		
Instrument Used	Respirable Dust Sampler, Fine Particulate Dust Sampler, Gaseous Attachment		
Sampling Method	As Per IS: 5182		

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 ₂ ($\mu\text{g}/\text{m}^3$)
04.11.2024	45.7	21.6	<4.0	<9.0
07.11.2024	46.6	22.8	<4.0	<9.0
11.11.2024	48.2	23.7	<4.0	<9.0
14.11.2024	47.5	23.5	<4.0	<9.0
18.11.2024	48.4	23.8	<4.0	<9.0
21.11.2024	49.7	24.2	<4.0	<9.0
25.11.2024	46.8	23.1	<4.0	<9.0
28.11.2024	48.2	23.6	<4.0	<9.0
Max	49.70	24.20	<4.0	<9.0
Min	45.70	21.60	<4.0	<9.0
Avg	47.64	23.29	<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

Authorized Signatory

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Mr. Anil Sahoo

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

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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/SMA/103

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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 Entry Gate: 21°41'13.17"N Latitude & 85°26'17.90"E Longitude AAQ2 - Near Security Barak: 21°41'2.88"N Latitude & 85°25'56.46"E Longitude		
Instrument Used	CO Analyser		
Sampling method	As Per IS: 5182		

Date of Sampling	CO (mg/m3)	
	AAQ1	AAQ2
04.11.2024	0.3	0.28
07.11.2024	0.32	0.3
11.11.2024	0.33	0.32
14.11.2024	0.35	0.33
18.11.2024	0.36	0.35
21.11.2024	0.38	0.36
25.11.2024	0.4	0.37
28.11.2024	0.42	0.38
Max	0.42	0.38
Min	0.30	0.28
Avg	0.36	0.34
NAAQ* Standard	4	
Methods of Analysis	IS: 5182 (Part- 10)	

Reviewed By

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED
CHIEF ANALYST
Bhubaneswar, Odisha

Miss. Arti Sahoo

Authorized Signatory

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

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Baramunda, Bhubaneswar, Dist - Khurda



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

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

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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 Anara; Latitude: 21°41'20.01"N & Longitude: 85°26'19.10"E AAQ4- Village Raigad; Latitude: 21°40'58.51"N & Longitude: 85°25'26.93"E		
Instrument Used	CO Analyser		
Sampling Method	As Per IS: 5182		

Date of Sampling	CO (mg/m3)	
	AAQ3	AAQ4
04.11.2024	0.17	0.17
07.11.2024	0.19	0.18
11.11.2024	0.18	0.20
14.11.2024	0.20	0.18
18.11.2024	0.22	0.19
21.11.2024	0.21	0.2
25.11.2024	0.22	0.18
28.11.2024	0.22	0.2
Max	0.22	0.20
Min	0.17	0.17
Avg	0.20	0.19
NAAQ* Standard	4	
Methods of Analysis	IS: 5182 (Part- 10)	

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

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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



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

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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
Instrument Used	Respirable Dust Sampler, Fine Particulate Dust Sampler, Gaseous Attachment		
Sampling Method	As Per IS: 5182		

Location Code	Sampling Location	Date of Sampling	O ₃ ($\mu\text{g}/\text{m}^3$)	NH ₃ ($\mu\text{g}/\text{m}^3$)
AAQ-1	Near Entry Gate	21.11.2024	<8.0	<20.0
AAQ-2	Near Security Barak	21.11.2024	<8.0	<20.0
AAQ-3	Village Anara	21.11.2024	<8.0	<20.0
AAQ-4	Village Raigad	21.11.2024	<8.0	<20.0
NAAQ* Standard			100	400
Methods of Analysis			IS:5182 (Part-9)	IS:5182 (Part-25)

Reviewed By

Authorized Signatory

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

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

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GREEN FORCE ASSOCIATES PRIVATE LIMITED



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

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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
Instrument Used	Respirable Dust Sampler, Fine Particulate Dust Sampler		
Sampling Method	As Per IS: 5182		

Location code	Sampling Location	Date of Sampling	Pb ($\mu\text{g}/\text{m}^3$)	Ni (ng/m^3)	As (ng/m^3)	C ₆ H ₆ ($\mu\text{g}/\text{m}^3$)	BaP (ng/m^3)
AAQ-1	Near Entry Gate	21.11.2024	<0.06	<0.6	<0.44	<5	<1
AAQ-2	Near Security Barak	21.11.2024	<0.06	<0.6	<0.44	<5	<1
AAQ-3	Village Anara	21.11.2024	<0.06	<0.6	<0.44	<5	<1
AAQ-4	Village Raigad	21.11.2024	<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

Authorized Signatory

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

TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Technical Manager
Mr. S.K. Parni

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GREEN FORCE ASSOCIATES PRIVATE LIMITED



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Mail Id: greenforceassociates@gmail.com



Report No- GFAPL/24-25/SMA/107

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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	Date of Sampling	21.10.2024
Instrument Used	Sound Level Meter		
Sampling Method	As Per IS:9989		

Sl. No.	Locations	Day Time	Night Time
		Results in dB(A)	
1	Near Entry Gate; Latitude: 21°41'13.17"N & Longitude: 85°26'17.90"E	66.8	57.5
2	Near Security Barak; Latitude: 21°41'2.88"N & Longitude: 85°25'56.46"E	63.1	52.8
Industrial Zone permissible limits as per CPCB Norms		Day Time – 75 dB(A)	Night Time – 70 dB(A)

Reviewed By

Authorized Signatory

Chief Analyst

GREENFORCE ASSOCIATES PRIVATE LIMITED
MISS. ARTI SAHOO
BHUBANESWAR, ODISHA

Technical Manager

GREENFORCE ASSOCIATES PRIVATE LIMITED
MR. S.K. PARHI
BHUBANESWAR, ODISHA

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GREEN FORCE ASSOCIATES PRIVATE LIMITED



Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
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Mail Id: greenforceassociates@gmail.com



Report No- GFAPL/24-25/SMA/108

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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	Date of Sampling	21.10.2024
Instrument Used	Sound Level Meter		
Sampling Method	As Per IS:9989		

S. No.	Locations	Day Time	Night Time
		Results in dB(A)	
1	Near W.Bridge-1; Latitude: 21°40'67.60"N & Longitude: 85°26'45.20"E	67.8	56.5
2	Near W.Bridge-2; Latitude: 21°40'55.60"N & Longitude: 85°26'16.20"E	68.4	59.2
Industrial Zone permissible limits as per CPCB Norms		Day Time – 75 dB(A)	Night Time –70 dB(A)

Reviewed By

Authorized Signatory

CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Miss Arati Sahoo
Note:

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

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



Mail Id: greenforceassociates@gmail.com



Report No- GFAPL/24-25/SMA/109

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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 (RDS)		
Sampling Method	As Per IS: 5182		

Sl. No.	Name of Location	Coordinates of Location	Date of Sampling	Result
1	Near W.Bridge - 1	Lat: 21°40'67.60"N Long: 85°26'45.20"E	22.11.2024	548.2
2	Near W.Bridge - 2	Lat: 21°40'55.60"N Long: 85°26'16.20"E	22.11.2024	519.6
Fugitive Standard				1200
Methods of Analysis			IS:5182 (Part-4)	

Reviewed By

Authorized Signatory

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

TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
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



Report No- GFAPL/24-25/SMA/110

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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	21.11.2024	Date of Receiving	22.11.2024
Date of Analysis	22.11.2024	Date of Complete	23.11.2024
Sampling Location & Coordinates	ST1- Stack (ESP 1 connected to TG): Lat-21° 40' 58.15"N, Long-85° 26' 11.05"E ST2- Stack (ESP 2 connected to TG): Lat- 21° 40' 57.48"N, Long-85° 26' 14.01"E		
Instrument Used	Stack monitoring Kit; Vacuum Pump; Pyrometer		
Sampling Method	As Per IS:11255		

Sl. No.	Parameters	Testing Method	As per CTO Standard	ST1	ST2
01	Flue gas Temperature in K	IS-11255 (PART-3) 1985, (RA-2013)	---	370.0	378.0
02	Velocity in m/sec	IS-11255 (PART-3) 1985, (RA-2013)	---	15.79	17.16
03	PM (mg/Nm3)	IS-11255(PART-1) 1985, (RA-2014) Gravimetric Method	30	25.8	27.2
04	SO2 (mg/Nm3)	IS-11255(PART-2) 1985, (RA-2019)	600	32.8	36.6

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Chief Analyst

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Technical Manager

Mr. S.K. Parida

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

Report No- GFAPL/24-25/SMA/111

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; 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	21.11.2024	Date of Receiving	22.11.2024
Date of Analysis	22.11.2024	Date of Complete	23.11.2024
Sampling Location & Coordinates	ST1- Stack (ESP 1 connected to TG): Lat-21° 40' 58.15"N, Long-85° 26' 11.05"E ST2- Stack (ESP 2 connected to TG): Lat- 21° 40' 57.48"N, Long-85° 26' 14.01"E		
Instrument Used	Stack monitoring Kit; Vacuum Pump; Pyrometer		
Sampling Method	As Per IS:11255		

Sl. No	Parameters	Testing Method	As per CTO Standard	ST1	ST2
01	NOx (mg/Nm ³)	IS-11255(PART-2) 1985	300	36.1	44.5

Reviewed By

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Bhubaneswar, Odisha
Miss. Arti Sahoo

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

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Report No- GFAPL/24-25/SMA/112

Issued Date- 04.12.2024

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal; Dist- Keonjhar, Odisha.		
Nature of Sampling	Sewage Treatment Plant		
Sampling By	GFAPL's Representative		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Water
Date of Sampling	21.11.2024	Date of Receiving	22.11.2024
Date of Analysis	22.11.2024	Date of Complete	28.11.2024
Sampling Location	STP OUTLET: Lat- 21° 41' 13.48"N, Long- 85° 26' 15.79"E		
Sampling Method	As Per APHA 24th ED: 1060B:2023		

Sl.No.	Parameter	Testing Methods	Unit	Standard as per- MoEFCC 13 th October 2017	STP
01	pH Value @250C	APHA 24 th ED 4500 H+B:2023	--	6.5-9.0	7.14
02	Total Dissolved Solids(TDS)	APHA 24 th ED 2540-C: 2023	mg/l	--	113
03	Total Suspended Solids(TSS)	APHA 24 th ED 2540-D: 2023	mg/l	<50	12
04	Oil & Grease	IS 3025 PART 39-1991 RA-2003	mg/l	--	<2.0
05	Biological Oxygen Demand	IS 3025 (PART 44) : 1993 REA-2009	mg/l	20	<2.0
06	Chemical Oxygen Demand	APHA 24 th ED 5220 C:2023	mg/l	--	16

REMARKS: Laboratory Oil & Grease BDL Value is <2.0

Reviewed By: CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA

Chief Analyst

Miss. Arti Sahoo

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1 of 2

Authorized Signatory

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



GREEN FORCE ASSOCIATES PRIVATE LIMITED

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TEST REPORT

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Nature of Sampling	Sewage Treatment Plant		
Sampling By	GFAPL's Representative		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Water
Date of Sampling	21.11.2024	Date of Receiving	22.11.2024
Date of Analysis	22.11.2024	Date of Complete	28.11.2024
Sampling Location	STP OUTLET: Lat- 21° 41' 13.48"N, Long- 85° 26' 15.79"E		
Sampling Method	As Per APHA 24th ED: 1060B:2023		

Sl. No.	Parameter	Testing Methods	Unit	Standard as per- MoEFCC 13 th October 2017	STP
01	Total Kjheldhal Nitrogen	APHA 24th ED 4500- Norg B; NH3-B, C:2023	mg/l	--	1.4

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Bhubaneswar, Odisha
Chief Analyst
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