

**ENVIRONMENT MONITORING
REPORT OF
MONTH SEPTEMBER-2023**



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



TC-12258

Report No- GFAPL/23-24/SMR/001

Issued Date- 06.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, 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	PM10 ($\mu\text{g}/\text{m}^3$)	PM2.5 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NOx ($\mu\text{g}/\text{m}^3$)
04.09.2023	56.8	28.2	9.1	14.2
07.09.2023	55.2	27.6	8.4	13.6
11.09.2023	57.4	28.8	8.6	13.4
14.09.2023	54.6	27.4	8.2	12.8
18.09.2023	58.6	29.3	9.8	14.2
21.09.2023	62.5	31.4	10.5	15.1
25.09.2023	65.6	33.1	11.1	15.8
28.09.2023	67.7	33.8	11.6	16.3
Avg	43.48	21.62	9.67	14.43
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

Arti Sahoo

CHIEF ANALYST

Chief Analyst

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

Note:

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END OF REPORT

Authorized By

S.K. Parhi

TECHNICAL MANAGER

Technical Manager

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

Registered Office:

Plot No- 1363-3892, Baibhab Realcon, Fulnakhara,
Cuttack, Odisha, India 754001



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/23-24/SMR/002

Issued Date- 06.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, 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	PM10 ($\mu\text{g}/\text{m}^3$)	PM2.5 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NOx ($\mu\text{g}/\text{m}^3$)
04.09.2023	35.6	17.8	<4.0	<9.0
07.09.2023	34.1	16.7	<4.0	<9.0
11.09.2023	36.2	18.1	<4.0	<9.0
14.09.2023	33.7	16.7	<4.0	<9.0
18.09.2023	37.8	18.8	<4.0	<9.0
21.09.2023	44.6	22.4	<4.0	<9.0
25.09.2023	48.4	24.2	<4.0	<9.0
28.09.2023	48.9	24.6	<4.0	<9.0
Avg	43.20	21.5	<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)

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Chief Analyst

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Bhubaneswar, Odisha

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Mail Id: greenforceassociates@gmail.com



TC-12258

Report No- GFAPL/23-24/SMR/003

Issued Date- 06.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, 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	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 ($\mu\text{g}/\text{m}^3$)
04.09.2023	35.2	17.2	<4.0	<9.0
07.09.2023	33.4	16.4	<4.0	<9.0
11.09.2023	35.1	17.8	<4.0	<9.0
14.09.2023	33.2	16.2	<4.0	<9.0
18.09.2023	36.4	18.1	<4.0	<9.0
21.09.2023	40.2	20.1	<4.0	<9.0
25.09.2023	45.5	22.4	<4.0	<9.0
28.09.2023	46.6	23.2	<4.0	<9.0
Avg	45.6	21.69	<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)

Verified By

Jahes

Chief Analyst

GREENFORCE ASSOCIATES PRIVATE LIMITED
Miss. Arti Sahoo
BHUBANESWAR, ODISHA

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Authorized By

Jahes

TECHNICAL MANAGER

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

Registered Office:

Plot No- 1363-3892, Baibhab Realcon, Fulnakhara,
Cuttack, Odisha, India 754001



GREEN FORCE ASSOCIATES PRIVATE LIMITED



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Mail Id: greenforceassociates@gmail.com



TC-12258

Report No- GFAPL/23-24/SMR/004

Issued Date- 06.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, 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	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 ($\mu\text{g}/\text{m}^3$)
04.09.2023	33.5	16.6	<4.0	<9.0
07.09.2023	33.6	16.2	<4.0	<9.0
11.09.2023	34.6	17.4	<4.0	<9.0
14.09.2023	32.4	15.8	<4.0	<9.0
18.09.2023	35.9	17.6	<4.0	<9.0
21.09.2023	39.5	19.2	<4.0	<9.0
25.09.2023	43.5	21.8	<4.0	<9.0
28.09.2023	45.2	22.8	<4.0	<9.0
Avg	43.93	21.88	<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)

Verified By

[Signature]

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
Miss. Arti Sahoo
BHUBANESWAR, ODISHA

Authorized By

[Signature]

TECHNICAL MANAGER

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

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Registered Office:

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GREEN FORCE ASSOCIATES PRIVATE LIMITED

Plot No- 1363-3892, Baibhab Realcon, Fulnakhara, Cuttack, Odisha, India 754001

Mail Id: greenforceassociates@gmail.com

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

Report No- GFAPL/23-24/SMR/005

Issued Date- 06.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, 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
04.09.2023	0.34	0.2	0.17	0.15
07.09.2023	0.33	0.18	0.16	0.14
11.09.2023	0.33	0.21	0.18	0.17
14.09.2023	0.31	0.19	0.16	0.14
18.09.2023	0.35	0.22	0.18	0.16
21.09.2023	0.37	0.24	0.2	0.19
25.09.2023	0.41	0.25	0.22	0.21
28.09.2023	0.42	0.25	0.23	0.22
Avg	0.23	0.23	0.23	0.23
NAAQ* Standard	4			
Methods of Analysis	IS: 5182 (Part- 10)			

Verified By

Arti Sahoo
CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
Miss. Arti Sahoo
BHUBANESWAR, ODISHA

Authorized By

John
TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA

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Working office Address :

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



GREEN FORCE ASSOCIATES PRIVATE LIMITED



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



Mail Id: greenforceassociates@gmail.com



TC-12258

Report No- GFAPL/23-24/SMR/006

Issued Date- 06.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, 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, Fine Particulate Dust Sampler		

Location Code	Sampling Location	Date of Sampling	O ₃ ($\mu\text{g}/\text{m}^3$)	NH ₃ ($\mu\text{g}/\text{m}^3$)
AAQ1	Near Admin Office	25.09.2023	<8.0	<20.0
AAQ2	Near Dispensary	25.09.2023	<8.0	<20.0
AAQ3	Village Rugudi	25.09.2023	<8.0	<20.0
AAQ4	Village Lohidapada	25.09.2023	<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
Miss. Arti Sahoo
BHUBANESWAR, ODISHA

Authorized By

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
Miss. S. P. Patra
BHUBANESWAR, ODISHA

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Registered Office:

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Cuttack, Odisha, India 754001



GREEN FORCE ASSOCIATES PRIVATE LIMITED

Plot No- 1363-3892, Baibhab Realcon, Fulnakhara, Cuttack, Odisha, India 754001

Mail Id: greenforceassociates@gmail.com

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Report No- GFAPL/23-24/SMR/007

Issued Date- 06.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, Keonjhar, Odisha.		
Nature of Sampling	Workzone Air Monitoring		
Sampling By	GFAPL's Representative	Date of Sampling	25.09.2023
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		

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

Signature
CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
Miss. Anti Sahoo
BHUBANESWAR, ODISHA

Authorized By

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

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



GREEN FORCE ASSOCIATES PRIVATE LIMITED



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



Mail Id: greenforceassociates@gmail.com



TC-12258

Report No- GFAPL/23-24/SMR/008

Issued Date- 06.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, 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	20.09.2023
Instrument Used	Sound Level Meter		

S. No.	Locations	Day Time	Night Time
		Results in dB(A)	
1	Near Admin Office; Latitude: 21°59'26.41"N& Longitude: 85°19'39.29"E	66.4	52.2
2	Near Dispensary; Latitude: 21°59'33.80"N& Longitude: 85°19'24.18"E	47.6	37.5
Industrial Zone permissible limits as per TNPCB Norms		Day Time- 75 dB(A)	Night Time- 70 dB(A)
3	Village Rugudi; Latitude: 21°59'50.80"N& Longitude: 85°19'20.16"E	47.7	37.1
4	Village Lohidapada; Latitude: 21°59'35.97"N& Longitude: 85°19'08.86"E	46.9	36.8
Residential Zone permissible limits as per TNPCB Norms		Day Time- 55 dB(A)	Night Time- 45 dB(A)

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GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

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Baramunda, Bhubaneswar, Dist - Khurda



Mail Id: greenforceassociates@gmail.com



Report No- GFAPL/23-24/SMR/009

Issued Date- 06.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, 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	21.09.2023	67.9	63.5
2	Near Crushing Plant; Latitude: 21°59'27.80"N& Longitude: 85°19'38.89"E	21.09.2023	68.8	65.2
3	Near Power Plant; Latitude: 21°59'27.87"N& Longitude: 85°19'30.78"E	21.09.2023	68.6	64.6
4	Near SMS - 1; Latitude: 21°59'23.62"N& Longitude: 85°19'37.62"E	21.09.2023	68.2	64.9
5	Near SMS - 2; Latitude: 21°59'36.28"N& Longitude: 85°19'34.16"E	22.09.2023	69.6	65.5
6	Near Blast Furnace; Latitude: 21°59'23.15"N& Longitude: 85°19'32.77"E	22.09.2023	69.2	65.3
7	Near Milling Role-1; Latitude: 21°59'23.96"N& Longitude: 85°19'39.63"E	22.09.2023	69.9	65.5
8	Near Milling Role-2; Latitude: 21°59'39.20"N& Longitude: 85°19'36.15"E	22.09.2023	70.4	66.7
Industrial Zone permissible limits as per TNPCB Norms			Day Time- 75 dB(A)	Night Time- 70 dB(A)

Verified By

[Signature]

CHIEF ANALYST

Chief Analyst

Miss. Arti Sahoo

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA

Authorized By

[Signature]

TECHNICAL MANAGER

Technical Manager

Mr. S.K. Parhi

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA

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



TC-12258

Report No- GFAPL/23-24/SMR/010

Issued Date- 05.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, 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	Latitude	Longitude	Date of Sampling	Result
1	Near Main Gate	21°59'36.61"N	85°19'27.95"E	15.09.2023	432.4
2	Near Crushing Plant	21°59'27.80"N	85°19'38.89"E	15.09.2023	456.2
3	Near Power Plant	21°59'27.87"N	85°19'30.78"E	15.09.2023	408.3
4	Near SMS-1	21°59'23.62"N	85°19'37.62"E	15.09.2023	422.8
5	Near SMS-2	21°59'36.28"N	85°19'34.16"E	22.09.2023	485.6
6	Near Blast Furnace	21°59'23.15"N	85°19'32.77"E	22.09.2023	438.2
7	Near MillingRole-1	21°59'23.96"N	85°19'39.63"E	22.09.2023	448.6
8	Near MillingRole-2	21°59'39.20"N	85°19'36.15"E	22.09.2023	472.5
Fugitive Standard					1200
Methods of Analysis				IS:5182(Part-24)	

Verified By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

Authorized By

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

Note:

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END OF REPORT

Registered Office:

Plot No- 1363-3892, Baibhab Realcon, Fulnakhara,
Cuttack, Odisha, India 754001



GREEN FORCE ASSOCIATES PRIVATE LIMITED



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



Mail Id: greenforceassociates@gmail.com



TC-12258

Report No- GFAPL/23-24/SMR/011

Issued Date- 06.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, 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	21.09.2023	Date of Receiving	23.09.2023
Date of Analysis	23.09.2023	Date of Complete	26.09.2023
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	Items	Testing Method	As per CPCB Standard	ST1	ST2
01	Temperature in K	IS-11255 (PART-3) 1985, (RA-2013)	---	394	393
02	Velocity in m/sec	IS-11255 (PART-3) 1985, (RA-2013)	---	12.44	12.96
03	Pbar in mm Hg		--	690	690
04	Flow Rate in (mg/Nm ³)	IS-11255 (PART-3) 1985, (RA-2013)	---	46934.1	49307.3
05	Particulate Matter (PM) in mg/Nm ³	IS-11255(PART-1) 1985, (RA-2014) Gravimetric Method	100	39.5	35.6
06	SO ₂ (mg/Nm ³)	IS-11255(PART-2) 1985, (RA-2019)	600	54.2	52.8
07	NO _x (mg/Nm ³)	IS-11255(PART-2) 1985	300	46.4	60.2
08	CO in %	IS-13270:1992, (RA-2019)	1%	<0.2	<0.2
09	CO ₂ in %	IS-13270:1992, (RA-2019)	---	1.8	2

Verified By

Arti Sahon
CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA

Authorized By

Mr. S.K. Parhi
TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA

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Plot No- 1363-3892, Baibhab Realcon, Fulnakhara,
Cuttack, Odisha, India 754001



GREEN FORCE ASSOCIATES PRIVATE LIMITED



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



Mail Id: greenforceassociates@gmail.com



TC-12258

Report No- GFAPL/23-24/SMR/012

Issued Date- 06.10.2023

TEST REPORT

Client Name & Address	M/s SreeMetaliks Ltd, Loidapada, Dist-Barbil, 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	21.09.2023	Date of Receiving	23.09.2023
Date of Analysis	23.09.2023	Date of Complete	26.09.2023
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	Items	Testing Method	As per CPCB Standard	ST3	ST4
01	Temperature in K	IS-11255 (PART-3) 1985, (RA-2013)	---	402	394
02	Velocity in m/sec	IS-11255 (PART-3) 1985, (RA-2013)	---	13.17	13.5
03	Pbar in mm Hg	--	---	690	690
04	Flow Rate in (mg/Nm ³)	IS-11255 (PART-3) 1985, (RA-2013)	---	19246.5	80853.5
05	PM (mg/Nm ³)	IS-11255(PART-1) 1985, (RA-2014) Gravimetric Method	100	42.4	37.2
06	SO ₂ (mg/Nm ³)	IS-11255(PART-2) 1985, (RA-2019)	600	50.1	36.6
07	NO _x (mg/Nm ³)	IS-11255(PART-2) 1985	300	44.6	48.2
08	CO in %	IS-13270:1992, (RA-2019)	1%	<0.2	<0.2
09	CO ₂ in %	IS-13270:1992, (RA-2019)	---	2.1	2.3

Verified By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
Miss. Arti Sahoo
BHUBANESWAR, ODISHA

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END OF REPORT

Authorized By

TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Mr. SBC Patra
BHUBANESWAR, ODISHA

Registered Office:

Plot No- 1363-3892, Baibhab Realcon, Fulnakhara,
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