

**ENVIRONMENT MONITORING
REPORT FOR THE MONTH OF
AUGUST-2025**



Client- M/s SREE METALIKS LTD.

Address- Mukundapur, Parang

Dist- Anugul, Odisha



Monitored By - Green Force Associates Pvt. Ltd.

**Address- Plot No-1363/3850, Baibhab Nagar,
Lane-2, Nakhara, Dist-Khorda, Odisha- 754001**

NABL Certificate No:- TC-12258

Report No- GFAPL/25-26/SMAG/052

Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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	Near Admin Office: 20°52'6.54"N Latitude & 85°01'0.63"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)
04.08.2025	56.9	28.4	6	11.8
07.08.2025	53.2	26.5	5.2	10.4
11.08.2025	55.6	27.5	5.4	10.8
14.08.2025	51.8	25.2	5.2	10.4
18.08.2025	48.6	23.7	5	10.2
21.08.2025	46.2	22.6	4.8	10
25.08.2025	44.8	21.8	4.8	9.8
28.08.2025	45.9	22.4	4.8	9.8
Max	56.90	28.40	6.00	11.80
Min	44.80	21.80	4.80	9.80
Avg	50.38	24.76	5.15	10.40
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
Chief Analyst
Miss. Arti Sahoo

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

Note:

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-1--

Report No- GFAPL/25-26/SMAG/053

Issued Date-04.09.2025

TEST REPORT

Client Name &Address	M/s Sree Metaliks Ltd, Mukundapur, Parang,Dist-Anugul, 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	Near Main Gate: 20°52’5.71’’N Latitude & 85°01’2.74’’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/m³)	PM _{2.5} (µg/m³)	SO ₂ (µg/m³)	NO ₂ (µg/m³)
04.08.2025	64.8	32.5	7.4	14.2
07.08.2025	61.7	30.8	6.6	13.6
11.08.2025	63.6	32.2	6.8	13.8
14.08.2025	58.2	29.1	6.2	12.8
18.08.2025	54.5	26.9	5.4	11.6
21.08.2025	50.6	24.6	5.2	10.4
25.08.2025	50.8	24.4	4.8	10.0
28.08.2025	51.6	25.1	5.0	10.2
Max	64.80	32.50	7.40	14.20
Min	50.60	24.40	4.80	10.00
Avg	56.98	28.20	5.93	12.08
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)

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

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BHUBANESHWAR, ODISHA
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Report No- GFAPL/25-26/SMAG/054

Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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	Village Parang- 20°52'27.19"N Latitude, 85° 1'46.38"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)
04.08.2025	40.6	19.8	<4.0	<9.0
07.08.2025	38.2	18.4	<4.0	<9.0
11.08.2025	37.8	17.6	<4.0	<9.0
14.08.2025	34.2	16.8	<4.0	<9.0
18.08.2025	32.5	15.1	<4.0	<9.0
21.08.2025	30.6	14.8	<4.0	<9.0
25.08.2025	28.8	13.2	<4.0	<9.0
28.08.2025	29.6	13.6	<4.0	<9.0
Max	40.60	19.80	<4.0	<9.0
Min	28.80	13.20	<4.0	<9.0
Avg	34.04	16.16	<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
BHUBANESWAR, ODISHA
Chief Analyst
Miss. Arti Sahoo

Authorized Signatory
GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA
Technical Manager
Mr. S.K. Parhi

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Report No- GFAPL/25-26/SMAG/055

Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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	Village Mukundpur- 20°51'21.15"N Latitude, 85° 2'20.40"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)
04.08.2025	38.6	18.9	<4.0	<9.0
07.08.2025	34.2	16.4	<4.0	<9.0
11.08.2025	36.5	17.6	<4.0	<9.0
14.08.2025	33.2	15.8	<4.0	<9.0
18.08.2025	30.9	14.6	<4.0	<9.0
21.08.2025	28.6	13.6	<4.0	<9.0
25.08.2025	27.4	12.7	<4.0	<9.0
28.08.2025	28.8	13.2	<4.0	<9.0
Max	38.60	18.90	<9.0	<9.0
Min	27.40	12.70	<9.0	<9.0
Avg	32.28	15.35	<9.0	<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)

CHIEF ANALYST
Reviewed By
GREENFORCE ASSOCIATES PRIVATE LIMITED
Chief Analyst
Miss. Arti Sahoo

TECHNICAL MANAGER
Authorized Signatory
GREENFORCE ASSOCIATES PRIVATE LIMITED
Technical Manager
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GREEN FORCE

ASSOCIATES PRIVATE LIMITED

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

Report No- GFAPL/25-26/SMAG/056

Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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: 20°52'6.54"N Latitude & 85°01'0.63"E Longitude AAQ2- Near Main Gate: 20°52'5.71"N Latitude & 85°01'2.74"E Longitude		
Instrument Used	CO Analyser		
Sampling Method	As Per IS: 5182		
Date of Sampling	CO (mg/m3)		
	AAQ1	AAQ2	
04.08.2025	0.33	0.36	
07.08.2025	0.31	0.34	
11.08.2025	0.32	0.35	
14.08.2025	0.31	0.33	
18.08.2025	0.3	0.32	
21.08.2025	0.28	0.3	
25.08.2025	0.26	0.29	
28.08.2025	0.26	0.29	
Max	0.33	0.36	
Min	0.26	0.29	
Avg	0.30	0.32	
NAAQ* Standard	4		
Methods of Analysis	IS: 5182 (Part- 10)		

Reviewed By
CHIEF ANALYST
GREENFORCE ASSOCIATES PRIVATE LIMITED

Chief Analyst
Miss. Arti Sahoo

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-1-

Authorized Signatory
TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Mr. S.K. Parhi
KUSANESWAR, ODISHA

GREEN FORCE

ASSOCIATES PRIVATE LIMITED

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Report No- GFAPL/25-26/SMAG/057

Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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- Parang- 20°52'27.19"N Latitude, 85° 1'46.38"E Longitude AAQ4- Mukundpur- 20°51'21.15"N Latitude, 85° 2'20.40"E Longitude		
Instrument Used	CO Analyser		
Sampling Method	As Per IS: 5182		
Date of Sampling	CO (mg/m3)		
	AAQ3	AAQ4	
04.08.2025	0.18	0.17	
07.08.2025	0.17	0.15	
11.08.2025	0.16	0.16	
14.08.2025	0.15	0.14	
18.08.2025	0.13	0.13	
21.08.2025	0.12	0.12	
25.08.2025	0.12	0.12	
28.08.2025	0.12	0.13	
Max	0.18	0.17	
Min	0.12	0.12	
Avg	0.14	0.14	
NAAQ* Standard	4		
Methods of Analysis	IS: 5182 (Part- 10)		

Reviewed By
BHUANESWAR ODISHA
GREENFORCE ASSOCIATES PRIVATE LIMITED
Chief Analyst
Miss. Arti Sahoo

TECHNICAL MANAGER
BHUANESWAR ODISHA
GREENFORCE ASSOCIATES PRIVATE LIMITED
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Report No- GFAPL/25-26/SMAG/058

Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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	O3 ($\mu\text{g}/\text{m}^3$)	NH3 ($\mu\text{g}/\text{m}^3$)
AAQ-1	Near Admin Office	21.08.2025	<8.0	<20.0
AAQ-2	Near Main Gate	21.08.2025	<8.0	<20.0
AAQ-3	Parang	21.08.2025	<8.0	<20.0
AAQ-4	Mukundpur	21.08.2025	<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

BHUBANESHWAR, ODISHA

Miss. Arti Sahoo

Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

BHUBANESHWAR, ODISHA

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Report No- GFAPL/25-26/SMAG/059

Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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		

Name of Location	Location	Date of Sampling	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)
AAQ-1	Near Admin Office	21.08.2025	<0.1	<6.0	<0.5	<5	<1
AAQ-2	Near Main Gate	21.08.2025	<0.1	<6.0	<0.5	<5	<1
AAQ-3	Parang	21.08.2025	<0.1	<6.0	<0.5	<5	<1
AAQ-4	Mukundpur	21.08.2025	<0.1	<6.0	<0.5	<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
 BHUBANESWAR, ODISHA
 Chief Analyst
 Miss. Arti Sahoo

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Report No- GFAPL/25-26/SMAG/060

Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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	21.08.2025
Instrument Used	Sound Level Meter		
Sampling Method	As Per IS:9989		

S.No.	Locations	Day Time	Night Time
		Results in dB(A)	
1	Near Entry Gate Hanuman Temple: Latitude: 21°41'13.17"N & Longitude : 85°26'17.90"E	58.8	45.1
2	Near Brick Plant Latitude 20°52'2.76"N& Longitude: 85° 0'45.19"E	68.8	62.2
Industrial Zone permissible limits as per CPCB Norms		Day Time – 75 dB(A)	Night Time – 70 dB(A)

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Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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	21.08.2025
Instrument Used	Sound Level Meter		
Sampling Method	As Per IS:9989		

S.No.	Locations	Day Time	Night Time
		Results in dB(A)	
1	Near DRI; Latitude: 20°52'6.74"N & Longitude: 85°0'51.38"E	68.5	62.6
2	Near SMS Area; Latitude: 20° 52' 1.52"N&Longitude: 85° 0' 56.74"E	66.2	58.6
Industrial Zone permissible limits as per CPCB Norms		Day Time – 75 dB(A)	Night Time –70 dB(A)

Reviewed By

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

Authorized Signatory

TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
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Report No- GFAPL/25-26/SMAG/062

Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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 DRI	Lat: 20°52'6.74"N Long: 85°0'51.38"E	22.08.2025	249.3
2	Near W. Bridge	Lat: 20°52'7.13"N Long: 85°1'0.55"E	22.08.2025	216.8
3	SMS Area	Lat: 20° 52' 1.52"N Long: 85° 0' 56.74"E	22.08.2025	310.1
Fugitive Standard				1200
Methods of Analysis			IS:5182 (Part-4)	

Reviewed By

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Report No- GFAPL/25-26/SMAG/063

Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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	20.08.2025	Date of Receiving	21.08.2025
Date of Analysis	21.08.2025	Date of Complete	22.08.2025
Sampling Location & Coordinates	Stack Attached to DRI Kiln; Lat:20°52'2.92"N & Long: 85°0'47.85"E Stack Attached to AFBC Boiler: Lat: 20°52'4.53"N& Long: 85° 0'47.52"E		
Instrument Used	Stack monitoring Kit; Vacuum Pump; Pyrometer		
Sampling Method	As Per IS: 11255		

Sl. No	Parameters	Testing Method	As per CPCB Standard	ST1	ST1
01	Temperature in K	IS-11255 (PART-3) 1985, (RA-2013)	---	397	371
02	Velocity in m/sec	IS-11255 (PART-3) 1985, (RA-2013)	---	15.98	12.23
04	PM (mg/Nm3)	IS-11255(PART-1) 1985, (RA-2014) Gravimetric Method	100	22.8	28.2
05	SO2 (mg/Nm3)	IS-11255(PART-2) 1985, (RA-2019)	600	58.6	23.1
06	CO in %	IS-13270:1992, (RA-2019)	1%	<0.2	<0.2
07	CO2 in %	IS-13270:1992, (RA-2019)	---	1.4	1.2

CHIEF ANALYST
Reviewed By
GREENFORCE ASSOCIATES PRIVATE LIMITED
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.
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END OF REPORT

-1 of 2-

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

GREEN FORCE

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

Report No- GFAPL/25-26/SMAG/063

Issued Date-04.09.2025

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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	20.08.2025	Date of Receiving	21.08.2025
Date of Analysis	21.08.2025	Date of Complete	22.08.2025
Sampling Location & Coordinates	Stack Attached to DRI Kiln-II; Lat: 20°52'2.92"N & Long: 85°0'47.85"E Stack Attached to AFBC Boiler; Lat: 20°52'4.53"N & Long: 85°0'47.52"E		
Instrument Used	Stack monitoring Kit; Vacuum Pump; Pyrometer		
Sampling Method	As Per IS: 11255		

Sl. No	Parameters	Testing Method	As per CPCB Standard	ST1	ST2
01	P bar in mmHg	-	---	738	738
02	NOx (mg/Nm ³)	IS-11255(PART-2) 1985	300	59.2	44.6

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Technical Manager
Mr. S.K. Parni

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