

ENVIRONMENT MONITORING REPORT
FOR THE MONTH OF
FEBRUARY -2025



Client- M/s SREE METALIKS LTD.

Address- Mukundapur, Parang

Dist-Anugul, Odisha



Monitored By - Green Force Associates Pvt. Ltd.

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

Fulnakhara, Cuttack, Odisha- 754001

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/SMAG/129

Issued Date-04.03.2025

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)
03.02.2025	63.4	31.8	10.5	18.4
06.02.2025	65.2	32.8	10.8	18.8
10.02.2025	66.8	33.6	11.4	19.4
13.02.2025	64.6	32.7	11.0	18.8
17.02.2025	66.4	33.5	11.4	18.8
20.02.2025	60.2	30.5	10.2	17.0
24.02.2025	58.6	29.2	10.0	16.4
27.02.2025	61.4	30.8	10.4	16.8
Max	66.80	33.60	11.40	19.40
Min	58.60	29.20	10.00	16.40
Avg	63.33	31.86	10.71	18.05
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
Bhubaneswar, Odisha
Miss. Arti Sahoo

Authorized Signatory

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

Note:

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Report No- GFAPL/24-25/SMAG/130

Issued Date-04.03.2025

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/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
03.02.2025	75.2	38.2	12.4	19.8
06.02.2025	78.1	39.7	13.4	21.4
10.02.2025	76.4	38.8	12.8	20.8
13.02.2025	74.8	37.6	12.4	20.4
17.02.2025	77.6	38.9	13.2	21.2
20.02.2025	65.6	32.8	11.8	19.8
24.02.2025	62.4	31.5	11.4	19.4
27.02.2025	66.3	33.4	12.4	20.4
Max	78.10	39.70	13.40	21.40
Min	62.40	31.50	11.40	19.40
Avg	72.05	36.36	12.48	20.40
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

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
BARAMUNDA, BHUBANESWAR, ODISHA

Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
BARAMUNDA, BHUBANESWAR, ODISHA

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Mail Id: greenforceassociates@gmail.com

Report No- GFAPL/24-25/SMAG/131

Issued Date-04.03.2025

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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)
03.02.2025	54.8	27.6	6.2	11.8
06.02.2025	56.4	28.5	6.8	12.8
10.02.2025	55.1	28.1	6.4	12.4
13.02.2025	57.8	29.2	6.8	13.2
17.02.2025	60.5	30.4	6.8	13.6
20.02.2025	55.2	28.4	5.8	11.8
24.02.2025	53.4	27.1	5.4	11.4
27.02.2025	56.2	28.6	5.8	11.8
Max	60.50	30.40	6.80	13.60
Min	53.40	27.10	5.40	11.40
Avg	56.18	28.49	6.25	12.35
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

Chief Analyst
Miss. Arpita Sahoo

Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

Technical Manager
Mr. S.K. Parida

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Issued Date-04.03.2025

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)
03.02.2025	53.6	26.8	5.8	11
06.02.2025	55.2	27.7	6.4	11.4
10.02.2025	57.1	28.8	6.8	11.8
13.02.2025	54.2	27.4	6.4	11.4
17.02.2025	56.8	28.6	6.8	11.8
20.02.2025	52.6	26.4	5.4	10.8
24.02.2025	50.8	25.6	5.2	10.4
27.02.2025	54.2	27.3	5.6	10.8
Max	57.10	28.80	6.80	11.80
Min	50.80	25.60	5.20	10.40
Avg	54.31	27.33	6.05	11.18
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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Bhubaneswar, Odisha

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Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha



GREEN FORCE ASSOCIATES PRIVATE LIMITED



Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
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(An ISO 14001, 9001, 45001 certified Consulting Organization & NABL Accredited Laboratory)

Report No- GFAPL/24-25/SMAG/133

Issued Date-04.03.2025

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/m ³)	
	AAQ1	AAQ2
03.02.2025	0.47	0.49
06.02.2025	0.48	0.53
10.02.2025	0.50	0.52
13.02.2025	0.49	0.52
17.02.2025	0.50	0.54
20.02.2025	0.45	0.51
24.02.2025	0.42	0.50
27.02.2025	0.43	0.52
Max	0.50	0.54
Min	0.42	0.49
Avg	0.47	0.52
NAAQ* Standard	4	
Methods of Analysis	IS: 5182 (Part- 10)	

Reviewed By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED

Chief Analyst

BHUBANESWAR, ODISHA

Mrs. Anu Sahoo

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GREENFORCE ASSOCIATES PRIVATE LIMITED

Technical Manager

BHUBANESWAR, ODISHA



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Issued Date-04.03.2025

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/m ³)		
	AAQ3	AAQ4	
03.02.2025	0.28	0.26	
06.02.2025	0.32	0.28	
10.02.2025	0.31	0.30	
13.02.2025	0.33	0.29	
17.02.2025	0.35	0.31	
20.02.2025	0.30	0.27	
24.02.2025	0.29	0.26	
27.02.2025	0.32	0.27	
Max	0.35	0.31	
Min	0.28	0.26	
Avg	0.31	0.28	
NAAQ* Standard	4		
Methods of Analysis	IS: 5182 (Part- 10)		

Reviewed By

CHIEF ANALYST

Chief Analyst

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

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TECHNICAL MANAGER

Technical Manager

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha



GREEN FORCE ASSOCIATES PRIVATE LIMITED



Plot No.-1666, Phase-II, Delta Colony, Nilakantheswar Marg,
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Report No- GFAPL/24-25/SMAG/135

Issued Date-04.03.2025

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	O ₃ ($\mu\text{g}/\text{m}^3$)	NH ₃ ($\mu\text{g}/\text{m}^3$)
AAQ-1	Near Admin Office	17.02.2022	8.6	21.6
AAQ-2	Near Main Gate	17.02.2025	9.8	24.6
AAQ-3	Parang	17.02.2025	<8.0	<20.0
AAQ-4	Mukundpur	17.02.2025	<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
Chief Analyst
Bhubaneswar, Odisha
Miss. Arthi Sahoo

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

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Report No- GFAPL/24-25/SMAG/136

Issued Date-04.03.2025

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	17.02.2025	<0.06	<0.6	<0.44	<5	<1
AAQ-2	Near Main Gate	17.02.2025	<0.06	<0.6	<0.44	<5	<1
AAQ-3	Parang	17.02.2025	<0.06	<0.6	<0.44	<5	<1
AAQ-4	Mukundpur	17.02.2025	<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

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

GREENFORCE ASSOCIATES PRIVATE LIMITED

Miss. Arti Sahon
Bhubaneswar, Odisha

Mr. S.K. Panji
Bhubaneswar, Odisha

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Report No- GFAPL/24-25/SMAG/137

Issued Date-04.03.2025

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	20.02.2025
Instrument Used	Sound Level Meter		
Sampling Method	As Per IS:9989		

S.No.	Locations	Day Time	Night Time
		Results in dB(A)	
1	Near Admin Office; Latitude: 20°52'6.54"N & Longitude 85°01'0.63"E	61.8	49.5
2	Near Main Gate; Latitude 20°52'5.71"N & Longitude: 85°01'2.74"E	69.1	58.4
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
Chief Analyst,
Bhubaneswar, Odisha
Miss. Arti Sahoo

Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
Technical Manager
Bhubaneswar, Odisha

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Report No- GFAPL/24-25/SMAG/138

Issued Date-04.03.2025

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	20.02.2025
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	68.8	61.2
2	Near W.Bridge; Latitude: 20°52'7.13"N & Longitude: 85°1'0.55"E	68.1	60.7
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. Arti Sahoo

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

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Issued Date-04.03.2025

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	21.02.2025	483.5
2	Near W. Bridge	Lat: 20°52'7.13"N Long: 85°1'0.55"E	21.02.2025	461.2
Fugitive Standard				1200
Methods of Analysis			IS:5182 (Part-4)	

Reviewed By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

Authorized Signatory

TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha

Note:

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- 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-



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/SMAG/140

Issued Date-04.03.2025

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	20.02.2025	Date of Receiving	21.02.2025
Date of Analysis	21.02.2025	Date of Complete	22.02.2025
Sampling Location & Coordinates	Stack Attached to DRI; Lat:20°52'2.92"N & Long: 85°0'47.85"E		
Instrument Used	Stack monitoring Kit; Vacuum Pump; Pyrometer		
Sampling Method	As Per IS: 11255		

Sl. No	Parameters	Testing Method	As per CPCB Standard	Result
01	Temperature in K	IS-11255 (PART-3) 1985, (RA-2013)	---	399
02	Velocity in m/sec	IS-11255 (PART-3) 1985, (RA-2013)	---	15.44
04	PM (mg/Nm ³)	IS-11255(PART-1) 1985, (RA-2014) Gravimetric Method	100	28.4
05	SO ₂ (mg/Nm ³)	IS-11255(PART-2) 1985, (RA-2019)	600	64.2
06	CO in %	IS-13270:1992, (RA-2019)	1%	<0.2
07	CO ₂ in %	IS-13270:1992, (RA-2019)	---	1.4

Reviewed By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA

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END OF REPORT

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Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA



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)

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TEST REPORT

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Sampling Location & Coordinates	Stack Attached to DRI; Lat:20°52'2.92"N & Long: 85°0'47.85"E		
Instrument Used	Stack monitoring Kit; Vacuum Pump; Pyrometer		
Sampling Method	As Per IS: 11255		

Sl. No	Parameters	Testing Method	As per CPCB Standard	Result
01	P bar in mmHg	-	---	738
02	NOx (mg/Nm ³)	IS-11255(PART-2) 1985	300	58.4

Reviewed By

CHIEF ANALYST

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA

Miss. Arti Sahoo

Authorized Signatory

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA

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