

ENVIRONMENT MONITORING REPORT
FOR THE MONTH OF
MAY - 2026



Client- M/s SREE METALIKS LTD.

Address- Loidapada, Barbil,

Dist- Keonjhar, Odisha



Monitored By - Green Force Associates Pvt. Ltd.

Address- Plot No-1363/3850, At- Baibhab Nagar,

Lane-2, Nakhara, Dist-Khorda, Odisha-754001

NABL Certificate No:- TC-12258

PHOTOGRAPHS OF ENVIRONMENT MONITORING



ULR No- TC1616726000000093F

Report No- GFAPL/26-27/SMR/014

Issued Date- 06.06.2026

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 ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	CO (mg/m ³)
04.05.2026	GF/26-27/A305	76.4	39.0	12.0	24.2	0.59
07.05.2026	GF/26-27/A313	75.2	38.3	11.4	22.8	0.56
11.05.2026	GF/26-27/A374	72.4	36.3	10.0	20.2	0.54
14.05.2026	GF/26-27/A401	69.4	35.0	9.4	18.5	0.50
18.05.2026	GF/26-27/A428	75.4	38.8	11.5	22.8	0.58
21.05.2026	GF/26-27/A473	79.8	40.8	13.8	26.8	0.64
25.05.2026	GF/26-27/A518	82.8	42.0	14.6	28.2	0.69
28.05.2026	GF/26-27/A548	72.8	36.9	10.5	20.4	0.51
Max		82.8	42.0	14.6	28.2	0.69
Min		69.4	35.0	9.4	18.5	0.50
Avg		75.5	38.3	11.6	22.9	0.57
NAAQ* Standard		100	60	80	80	4
Methods of Analysis		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)	IS: 5182 (Part- 10)

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

Authorized Signatory
DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Mr. M.R. Swain

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END OF REPORT

--1--

ULR No- TC1616726000000094F

Report No- GFAPL/26-27/SMR/015

Issued Date- 06.06.2026

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 ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	CO (mg/m ³)
04.05.2026	GF/26-27/A306	67.2	34.5	9.0	17.8	0.42
07.05.2026	GF/26-27/A338	66.4	33.3	8.4	16.4	0.40
11.05.2026	GF/26-27/A375	62.5	31.3	8.0	16.0	0.45
14.05.2026	GF/26-27/A402	60.6	30.6	7.7	14.9	0.36
18.05.2026	GF/26-27/A429	68.9	35.0	9.4	18.6	0.50
21.05.2026	GF/26-27/A474	71.2	36.3	10.0	20.2	0.52
25.05.2026	GF/26-27/A519	73.1	37.0	10.8	21.8	0.55
28.05.2026	GF/26-27/A549	65.6	33.1	7.8	15.2	0.36
Max		73.1	37.0	10.8	21.8	0.55
Min		60.6	30.6	7.7	14.9	0.36
Avg		66.9	33.8	8.8	17.6	0.44
NAAQ* Standard		100	60	80	80	4
Methods of Analysis		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)	IS: 5182 (Part- 10)

Reviewed By

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

Authorized Signatory
DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
By Quality Manager
Mr. M.K. Swain

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ULR No- TC1616726000000095F

Report No- GFAPL/26-27/SMR/016

Issued Date- 06.06.2026

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 ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	CO (mg/m ³)
04.05.2026	GF/26-27/A307	60.2	30.5	6.4	13.2	0.32
07.05.2026	GF/26-27/A339	59.5	30.0	6.0	12.0	0.28
11.05.2026	GF/26-27/A376	51.6	26.3	5.8	12.0	0.27
14.05.2026	GF/26-27/A403	50.2	25.0	5.5	11.7	0.25
18.05.2026	GF/26-27/A430	58.6	30.0	6.0	12.4	0.28
21.05.2026	GF/26-27/A475	62.4	31.7	6.8	14.0	0.34
25.05.2026	GF/26-27/A520	65.4	33.0	7.4	15.4	0.36
28.05.2026	GF/26-27/A550	58.2	29.4	5.5	11.8	0.27
Max		65.4	33.0	7.4	15.4	0.36
Min		50.2	25.0	5.5	11.7	0.25
Avg		58.2	29.4	6.1	12.8	0.29
NAAQ* Standard		100	60	80	80	4
Methods of Analysis		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)	IS: 5182 (Part- 10)

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

Reviewed By
DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA
By Quality Manager
Mr. M.K. Swain

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ULR No- TC1616726000000096F

Report No- GFAPL/26-27/SMR/017

Issued Date- 06.06.2026

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 ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	CO (mg/m ³)
04.05.2026	GF/26-27/A308	58.6	29.5	6.0	12.8	0.30
07.05.2026	GF/26-27/A340	57.4	27.5	6.6	11.6	0.27
11.05.2026	GF/26-27/A377	50.3	25.6	5.5	11.7	0.24
14.05.2026	GF/26-27/A404	49.6	25.0	5.2	10.8	0.24
18.05.2026	GF/26-27/A431	57.2	28.3	5.8	12.0	0.27
21.05.2026	GF/26-27/A476	60.8	30.4	6.4	13.4	0.32
25.05.2026	GF/26-27/A521	63.5	32.0	6.8	14.0	0.34
28.05.2026	GF/26-27/A551	56.4	28.1	5.2	11.7	0.25
Max		63.5	32.0	6.8	14.0	0.34
Min		49.6	25.0	5.2	10.8	0.24
Avg		56.7	28.3	5.8	12.2	0.27
NAAQ* Standard		100	60	80	80	4
Methods of Analysis		IS:5182 (Part-23)	IS:5182 (Part-24)	IS:5182 (Part-2)	IS:5182 (Part-6)	IS: 5182 (Part- 10)

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

Authorized Signatory
DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA
By Quality Manager
Mr. M.K. Swain

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-1-

ULR No- TC1616726000000097F

Report No- GFAPL/26-27/SMR/018

Issued Date- 06.06.2026

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	O ₃ (µg/m ³)	NH ₃ (µg/m ³)
AAQ1	GF/26-27/A428	Near Admin Office	18.05.2026	10	24.8
AAQ2	GF/26-27/A429	Near Dispensary	18.05.2026	8.7	21.3
AAQ3	GF/26-27/A430	Village Rugudi	18.05.2026	<8.0	<20.0
AAQ4	GF/26-27/A431	Village Lohidapada	18.05.2026	<8.0	<20.0
NAAQ* Standard				100	400
Methods of Analysis				IS:5182 (Part-9)	IS:5182 (Part-25)

Reviewed By

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

BHUBANESWAR, ODISHA

Mr. S.K. Parhi

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Authorized Signatory

DEPUTY QUALITY MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

BHUBANESWAR, ODISHA

Mr. M.K. Swain

GREEN FORCE

ASSOCIATES PRIVATE LIMITED

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

Report No- GFAPL/26-27/SMR/019

Issued Date- 06.06.2026

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	18.05.2026
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 (ng/m^3)	As (ng/m^3)	C6H6 ($\mu\text{g}/\text{m}^3$)	BaP (ng/m^3)
AAQ1	Near Admin Office	<0.1	<6.0	<0.5	<5	<1
AAQ2	Near Dispensary	<0.1	<6.0	<0.5	<5	<1
AAQ3	Village Rugudi	<0.1	<6.0	<0.5	<5	<1
AAQ4	Village Lohidapada	<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
TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Mr. S.K. Parhi

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*END OF REPORT

-1-

ULR No- TC1616726000000098F

Report No- GFAPL/26-27/SMR/020

Issued Date-06.06.2026

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	17.05.2026	66.3	50.7
2	Near Dispensary; Latitude: 21°59'33.80"N& Longitude: 85°19'24.18"E	17.05.2026	56.2	46.9
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	18.05.2026	51.5	40.5
4	Village Lohidapada; Latitude: 21°59'35.97"N& Longitude: 85°19'08.86"E	18.05.2026	52.8	41.3
Residential Zone permissible limits as per CPCB Norms			55 dB(A)	45 dB(A)

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BHUBANESWAR, ODISHA
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GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA
M. S. Swain

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-1--

ULR No- TC1616726000000099F
Report No- GFAPL/26-27/SMR/021

Issued Date- 06.06.2026

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	21.05.2026	70.9	57.7
2	Near Crushing Plant; Latitude: 21°59'27.80"N & Longitude: 85°19'38.89"E	21.05.2026	71.1	60.8
3	Near Power Plant; Latitude: 21°59'27.87"N & Longitude: 85°19'30.78"E	23.05.2026	69.3	61.5
4	Near SMS - 1; Latitude: 21°59'23.62"N & Longitude: 85°19'37.62"E	23.05.2026	72.1	62.5
5	Near SMS -2; Latitude: 21°59'36.28"N & Longitude: 85°19'34.16"E	24.05.2026	70.8	56.5
6	Near Blast Furnace; Latitude: 21°59'23.15"N & Longitude: 85°19'32.77"E	24.05.2026	68.4	59.4
7	Near Rolling Mill-1; Latitude: 21°59'23.96"N & Longitude: 85°19'39.63"E	25.05.2026	71.2	62.1
8	Near Rolling Mill-2; Latitude: 21°59'39.20"N & Longitude: 85°19'36.15"E	25.05.2026	69.6	59.7
Industrial Zone permissible limits as per CPCB Norms			Day Time- 75 dB(A)	Night Time- 70 dB(A)

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ULR No- TC1616726000000100F

Report No- GFAPL/26-27/SMR/022

Issued Date- 06.06.2026

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/26-27/A444	21°59'36.61"N	85°19'27.95"E	19.05.2026	978.5
2	Near Crushing Plant	GF/26-27/A445	21°59'27.80"N	85°19'38.89"E	19.05.2026	964.2
3	Near Power Plant	GF/26-27/A446	21°59'27.87"N	85°19'30.78"E	19.05.2026	950.4
4	Near SMS-1	GF/26-27/A447	21°59'23.62"N	85°19'37.62"E	19.05.2026	1001.5
5	Near SMS-2	GF/26-27/A496	21°59'36.28"N	85°19'34.16"E	22.05.2026	1002.4
6	Near Blast Furnace	GF/26-27/A497	21°59'23.15"N	85°19'32.77"E	22.05.2026	982.5
7	Near Rolling Mill-1	GF/26-27/A498	21°59'23.96"N	85°19'39.63"E	22.05.2026	950.4
8	Near Rolling Mill-2	GF/26-27/A499	21°59'39.20"N	85°19'36.15"E	22.05.2026	1032.5
Fugitive Standard						1200
Methods of Analysis					IS:5182(Part-24)	

Reviewed By

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

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DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA
By Quality Manager
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ULR No- TC1616726000000101F

Report No- GFAPL/26-27/SMR/023

Issued Date-06.06.2026

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	20.05.2026	Date of Receiving	21.05.2026
Date of Analysis	22.05.2026	Date of Complete	23.05.2026
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/26-27/St011 ST2- GF/26-27/St012
Sampling Method	As per IS-11255		

Sl. No	Parameter	Testing Method	As per CPEB Standard	ST1	ST2
01	Temperature in K	IS-11255 (PART-3) 1985	---	399	395
02	Velocity in m/sec	IS-11255 (PART-3) 1985	---	11.47	14.13
03	Flow Rate in (mg/Nm ³)	IS-11255 (PART-3) 1985	---	43589.3	54616.1
04	Particulate Matter (PM) in mg/Nm ³	IS-11255(PART-1) 1985 Gravimetric Method	100	30.6	28.8
05	SO ₂ (mg/Nm ³)	IS-11255(PART-2) 1985	600	32.8	76.4
06	CO in %	IS-13270:1992	1%	<0.2	<0.2
07	CO ₂ in %	IS-13270:1992	---	1.4	1.5
08	NO _x (mg/Nm ³)	IS-11255(PART-2) 1985	300	56.4	64.8

Reviewed By
TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, ODISHA
Technical Manager
Mr. S.K. Parhi

Authorized Signatory
DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, ODISHA
By Quality Manager
Mr. M.K. Swain

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END OF REPORT

-1-

ULR No- TC1616726000000102F

Report No- GFAPL/26-27/SMR/024

Issued Date- 06.06.2026

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	20.05.2026	Date of Receiving	21.05.2026
Date of Analysis	22.05.2026	Date of Complete	23.05.2026
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	ST3-GF/26-27/St013 ST4- GF/26-27-/St014

Sl. No	Parameter	Testing Method	As per CPCB Standard	ST3	ST4
01	Temperature in K	IS-11255 (PART-3) 1985	---	398.0	391.0
02	Velocity in m/sec	IS-11255 (PART-3) 1985	---	14.95	14.32
03	Flow Rate in (mg/Nm ³)	IS-11255 (PART-3) 1985	---	22875.7	89377.5
04	PM (mg/Nm ³)	IS-11255(PART-1) 1985 Gravimetric Method	100	31.2	24.5
05	SO ₂ (mg/Nm ³)	IS-11255(PART-2) 1985	600	74.8	24.2
06	CO in %	IS-13270:1992	1%	<0.2	<0.2
07	CO ₂ in %	IS-13270:1992	---	1.2	1.3
08	NO _x (mg/Nm ³)	IS-11255(PART-2) 1985	300	69.2	68.4

Reviewed By

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

Technical Manager

Mr. S.K. Parhi

DEPUTY QUALITY MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED

BHUBANESWAR, ODISHA

By Quality Manager

Mr. M.K. Swain

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GREEN FORCE

ASSOCIATES PRIVATE LIMITED

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

Report No- GFAPL/26-27/SMR/025

Issued Date- 06.06.2026

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	20.05.2026	Date of Receiving	21.05.2026
Date of Analysis	22.05.2026	Date of Complete	23.05.2026
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

Reviewed By

Authorized Signatory

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

DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA
Deputy Quality Manager
Mr. M.K. Swain

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-1--

GREEN FORCE

ASSOCIATES PRIVATE LIMITED

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

Report No- GFAPL/26-27/SMR/026

Issued Date- 06.06.2026

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	20.05.2026	Date of Receiving	21.05.2026
Date of Analysis	22.05.2026	Date of Complete	23.05.2026
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

Reviewed By

Authorized Signatory

GREENFORCE ASSOCIATES PRIVATE LIMITED

DEPUTY QUALITY MANAGER

BHUBANESWAR, ODISHA

GREENFORCE ASSOCIATES PRIVATE LIMITED

Technical Manager

Dy Quality Manager

Mr. S.K. Parhi

Mr. M.K. Swain

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END OF REPORT

ULR No- TC1616726000000103F

Report No- GFAPL/26-27/SMR/027

Issued Date- 06.06.2026

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Surface Water Quality		
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	23.05.2026	Date of Receiving	25.05.2026
Date of Analysis	25.05.2026	Date of Complete	29.05.2026
Sampling Location & Coordinates	SW- Karo River; Latitude 21°59'35.29"N & Longitude 85°19'10.86"E	Lab Id Code	SW-GF/26-27/W092
Sampling Method	As Per APHA 24th ED: 1060B:2023		

Sl.No.	Parameter	Testing Methods	Unit	Standard as per IS-2296 Class-C	SW
01	Colour	IS 3025 (Part 4)- 1983	Hazen	300	<5.0
02	Turbidity	APHA 24th ED: 2130-B -2023	NTU	--	<1.0
03	pH Value @250C	APHA 24th ED 4500-H+B:2023	--	6.5-8.5	7.36
04	Conductivity	APHA 24th ED 2510-B: 2023	ms/cm	--	246.2
05	Total Dissolved Solids(TDS)	APHA 24th ED 2540-C: 2023	mg/l	1500	152.0
06	Chloride (as Cl)	APHA 24th Ed 4500- Cl-B:2023	mg/l	600	24.0
07	Cyanide	APHA 24th ED 4500 CN-F:2023	mg/	0.05	<0.02
08	Hexavalent Chromium (as Cr+6)	APHA 24th ED 3500-Cr-B: 2023	mg/l	0.05	<0.05
09	Iron (as Fe)	APHA 24th ED 3500-Fe-B: 2023	mg/l	50	0.43
10	Sulfate(as SO4)	APHA 24th ED 4500- SO4 D: 2023	mg/l	400	8.4
11	Nitrate as (NO3)	APHA 24th ED 4500-NO3-E: 2023	mg/l	50	1.88
12	Fluoride (as F)	APHA 24th ED 4500-F-C: 2023	mg/l	1.5	0.1

Sl.No.	Parameter	Testing Methods	Unit	Standard as per IS-2296 Class-C	SW
13	Dissolved Oxygen	APHA 24th ED 4500 O-C:2023	mg/l	4	5.8
14	Biological Oxygen Demand	IS 3025 (PART 44) : 1993 REA-2009	mg/l	3.0	8.0
15	Chemical Oxygen Demand	APHA 24th ED 5220 C:2023	mg/l	--	20
16	Oil & Grease	IS 3025 PART 39-1991 RA-2003	mg/l	0.1	<2.0
17	Phenolic Compound (as C ₆ H ₅ OH)	APHA 24th ED 5530 B,D: 2023	mg/l	--	<0.1
18	Copper (as Cu)	IS: 3025(Part 42)	mg/l	1.5	0.1
19	Total Coliforms	IS 15185	cfu/100ml	5000	12

REMARKS: Laboratory Oil & Grease BDL Value is <2.0

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

Authorized Signature
DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA
Mr. M.K. Swain

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Report No- GFAPL/26-27/SMR/027

Issued Date- 06.06.2026

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Surface Water Quality		
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	23.05.2026	Date of Receiving	25.05.2026
Date of Analysis	25.05.2026	Date of Complete	29.05.2026
Sampling Location & Coordinates	SW- Karo River; Latitude 21°59'35.29"N & Longitude 85°19'10.86"E		
Sampling Method	As Per APHA 24th ED: 1060B:2023		

Sl. No.	Parameter	Testing Methods	Unit	Standard as per IS-2296 Class-C	SW
01	Lead (as Pb)	APHA 24th ED 3500 Pb: 2023	mg/l	0.1	<0.01
02	Zinc (as Zn)	APHA 24th ED 3500 Zn: 2023	mg/l	15	0.2
03	Arsenic (as As)	APHA 24th ED 3500 As: 2023	mg/l	0.2	<0.001
04	Selenium (as Se)	APHA 24th ED 3500 B: 2023	mg/l	0.05	<0.001
05	Cadmium (as Cd)	IS: 3025(Part 41)	mg/l	0.01	<0.001

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

Authorized Signatory
DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA
Deputy Manager
Mr. M.K. Swain

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END OF REPORT

3 of 3

ULR No- TC1616726000000104F

Report No- GFAPL/26-27/SMR/028

Issued Date- 06.06.2026

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Ground Water Quality		
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	23.05.2026	Date of Receiving	25.05.2026
Date of Analysis	25.05.2026	Date of Complete	29.05.2026
Sampling Location & Coordinates	GW1-Inside Colony; Latitude: 21°59'34.27"N & Longitude: 85°19'26.87"E GW2-Village Rugudihi; Latitude: 21°59'50.80"N & Longitude: 85°19'20.16"E GW3-Village Lohidapada; Latitude: 21°59'35.29"N & Longitude: 85°19'10.86"E	Lab Id Code	GW1- GF/26-27/W093 GW2- GF/26-27/W094 GW2- GF/26-27/W095
Sampling Method	As Per APHA 24th ED: 1060B:2023		

Sl. No.	Parameter	Testing Methods	Unit	Standard as per IS: 10500, 2012		GW1	GW2	GW3
				Acceptable Limit	Permissible Limit			
01	Taste	APHA 24th ED: 2160-B-2023	---	Agreeable	Agreeable	AL	AL	AL
02	Colour	IS 3025: (Part 4)- 1983	Hazen	5	15	<5.0	<5.0	<5.0
03	Turbidity	APHA 24th ED: 2130-B-2023	NTU	1	5	<1	<1	<1
04	pH Value @250C	APHA 24th ED 4500-H+B:2023	--	6.5-8.5	NR	6.98	7.05	7.02
05	Total Dissolved Solids(TDS)	APHA 24th ED: 2540-C: 2023	mg/l	500	2000	215.0	230.0	219.0
06	Chloride (as Cl)	APHA 24th Ed 4500- Cl-B:2023	mg/l	250	1000	24.0	28.0	28.0
07	Total Hardness	APHA 24th ED 2340-C: 2023	mg/l	200	600	135.0	137.0	130.0
08	Calcium	APHA 24th Ed 3500- Ca-B:2023	mg/l	75	200	33.7	33.7	32.9
09	Magnesium	APHA 24th ED 3500-Mg-B: 2023	mg/l	30	100	12.4	12.9	11.7
10	Total Alkalinity	APHA 24th ED 2320-B: 2023	mg/l	200	600	124.0	125.0	120.0
11	Residual Free Chlorine	APHA 24 th ED 4500 CL-B:2023	mg/l	0.2	1.0	<0.2	<0.2	<0.2
12	Cyanide	APHA 24th ED 4500 CN-F:2023	mg/l	0.05	NR	<0.02	<0.02	<0.02

REMARKS: NR- Not Relaxable;

Sl. No.	Parameter	Testing Methods	Unit	Standard as per IS: 10500, 2012		GW1	GW2	GW3
				Acceptable Limit	Permissible Limit			
13	Total Chromium	APHA 24th ED 3500-Cr-B: 2023	mg/l	0.05	NR	<0.05	<0.05	<0.05
14	Iron	APHA 24th ED 3500-Fe-B: 2023	mg/l	0.3	NR	0.22	0.25	0.23
15	Sulfate	APHA 24th ED 4500-SO ₄ D: 2023	mg/l	200	400	4.1	4.5	4.4
16	Nitrate	APHA 24th ED 4500-NO ₃ -E: 2023	mg/l	45	NR	1.88	1.96	2.1
17	Fluoride	APHA 24th ED 4500-F-C: 2023	mg/l	1.0	1.5	<0.05	<0.05	<0.05
18	Boron	APHA 24th ED 4500 B-B:2023	mg/l	0.5	1.0	<0.01	<0.01	<0.01
19	Manganese	IS 3025 PART-59-2006 RA 2012	mg/l	0.1	0.3	<0.05	<0.05	<0.05
20	Sodium as Na(max)	APHA 24th ED 3500- Na-B	mg/l	--	--	14.5	17	16.7
21	Potassium as K(max)	APHA 24th ED 3500- K-B	mg/l	--	--	1.5	1.8	1.8
22	Phenolic Compound (as C ₆ H ₅ OH)	APHA 24th ED 5530 B,D: 2023	mg/l	--	--	<0.1	<0.1	<0.1
22	Copper (as Cu)	IS: 3025(Part 42)	mg/l	0.05	1.5	<0.02	<0.02	<0.02
23	Mercury (as Hg)	APHA 24th ED3500Hg: 2023	mg/l	0.001	NR	<0.001	<0.001	<0.001
24	Aluminum (as Al)	APHA 24th ED 3500Al : 2023	mg/l	0.03	0.2	<0.02	<0.02	<0.02
25	Total Coliforms	IS 15185	cfu/100 ml	0.2	NR	<2.0	<2.0	<2.0

REMARKS: NR- Not Relaxable;

Reviewed By
TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Technical Manager
Mr. S.K. Parhi

Authorized Signatory
DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Deputy Quality Manager
Mr. M.K. Swain

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END OF REPORT

2 of 4

Report No- GFAPL/26-27/SMR/028

Issued Date- 06.06.2026

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Ground Water Quality		
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	23.05.2026	Date of Receiving	25.05.2026
Date of Analysis	25.05.2026	Date of Complete	29.05.2026
Sampling Location & Coordinates	GW1-Inside Colony; Latitude: 21°59'34.27"N & Longitude: 85°19'26.87"E GW2-Village Rugudihi; Latitude: 21°59'50.80"N & Longitude: 85°19'20.16"E GW3-Village Lohidapada; Latitude: 21°59'35.29"N & Longitude: 85°19'10.86"E		
Sampling Method	As Per APHA 24th ED: 1060B:2023		

Sl. No.	Parameter	Testing Methods	Unit	Standard as per IS: 10500, 2012		GW1	GW2	GW3
				Acceptable Limit	Permissible Limit			
01	Odour	APHA 24th ED: 2150-B - 2023	---	Agreeable	Agreeable	U/O	U/O	U/O
02	Cadmium (as Cd)	IS: 3025(Part 41)	mg/l	0.003	NR	<0.001	<0.001	<0.001
03	Zinc (as Zn)	APHA 24th ED 3500 Zn: 2023	mg/l	5	15	<0.02	<0.02	<0.02
04	Lead (as Pb)	APHA 24th ED 3500 Pb: 2023	mg/l	0.01	NR	<0.01	<0.01	<0.01
05	Selenium (as Se)	APHA 24th ED 3500 B: 2023	mg/l	0.001	NR	<0.001	<0.001	<0.001

REMARKS: NR- Not Relaxable, U/O- Unobjectionable, AL- Acceptable

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Sl. No.	Parameter	Testing Methods	Unit	Standard as per IS: 10500, 2012		GW1	GW2	GW3
				Acceptable Limit	Permissible Limit			
06	Arsenic (as As)	APHA 24th ED 3500As: 2023	mg/l	0.01	0.05	<0.001	<0.001	<0.001
07	Mineral Oil	APHA 24th ED 5220 B: 2023	mg/l	0.5	NR	ND	ND	ND
08	Anionic Detergents (as MBAS)	APHA 24th ED 5540 C : 2023	mg/l	0.2	1.0	ND	ND	ND

REMARKS: NR- Not Relaxable, ND-Not Detectable

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

Authorized Signatory
DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Mr. M.K. Swain

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ULR No- TC1616726000000105F

Report No- GFAPL/26-27/SMR/029

Issued Date- 06.06.2026

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Effluent 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	23.05.2026	Date of Receiving	25.05.2026
Date of Analysis	25.05.2026	Date of Complete	29.05.2026
Sampling Location & Coordinates	ETP1- ETP INLET; Latitude: 21°59'28.24"N & Longitude: 85°19'24.21"E. ETP2- ETP OUTLET; Latitude: 21°59'30.19"N & Longitude: 85°19'27.13"E.	Lab Id Code	ETP1- GF/26-27/W096 ETP2- GF/26-27/W097
Sampling Method	As Per APHA 24th ED: 1060B:2023		

Sl. No.	Parameter	Testing Methods	Unit	Standard as Per E(p) Act, 1986 Schedule-VI(b)	ETP1	ETP2
01	pH Value @250C	APHA 24th ED 4500 H+B:2023	--	5.5-9.0	8.04	7.36
02	Conductivity	APHA 24th ED 2510-B: 2023	ms/cm	--	293.9	236.4
03	Total Dissolved Solids(TDS)	APHA 24th ED 2540-C: 2023	mg/l	--	194.0	156.0
04	Total Suspended Solids(TSS)	APHA 24th ED 2540-D: 2023	mg/l	600	188	14
05	Hexavalent Chromium (as Cr+6)	APHA 24th ED 3500-Cr-B: 2023	mg/l	2.0	<0.05	<0.05
06	Total Chromium (as Cr)	APHA 24th ED 3500-Cr-B: 2023	mg/l	2.0	0.18	<0.05
07	Iron (as Fe)	APHA 24th ED 3500-Fe-B: 2023	mg/l	3	1.56	0.44
08	Sulfate(as SO4)	APHA 24th ED 4500- SO4 D: 2023	mg/l	--	20.2	4.4
09	Nitrate as (NO ₃)	APHA 24th ED 4500-NO3-E: 2023	mg/l	--	12.8	2.4
10	Fluoride (as F)	APHA 24th ED 4500-F-C: 2023	mg/l	15	0.48	0.07

Sl. No.	Parameter	Testing Methods	Unit	Standard as Per E(p) Act, 1986 Schedule-VI(b)	ETP1	ETP2
11	Phosphate (as PO ₄)	APHA 24th ED 4500-P-D: 2023	mg/l	--	0.68	<0.03
12	Chemical Oxygen Demand (as COD)	APHA 24th ED 5220 C:2023	mg/l	--	156.00	12.00
13	Oil & Grease	IS 3025 PART 39-1991 RA-2003	mg/l	20	7.8	<2.0
14	Ammonical Nitrogen	APHA 24th ED 4500-NH ₃ -C:2023	mg/l	50	3.6	<0.06
15	Total Kjeldhal Nitrogen	APHA 24th ED 4500- Norg B; NH ₃ -B, C:2023	mg/l	--	8.4	1.20

Reviewed By
TECHNICAL MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESHWAR, ODISHA
Mr. S.K. Parhi

Authorized Signatory
DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESHWAR, ODISHA
By Quality Manager
Mr. M.K. Swain

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GREEN FORCE

ASSOCIATES PRIVATE LIMITED

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

ULR No- TC1616726000000106F

Report No- GFAPL/26-27/SMR/029

Issued Date- 06.06.2026

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, 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	23.05.2026	Date of Receiving	25.05.2026
Date of Analysis	25.05.2026	Date of Complete	29.05.2026
Sampling Location & Coordinates	STP1-Inside Colony; Latitude: 21°59'36.83"N & Longitude: 85°19'28.00"E STP2-Near Canteen; Latitude: 21°59'28.99"N & Longitude: 85°19'32.99"E STP3-SRTP Outlet; Latitude: 21°59'35.97"N & Longitude: 85°19'28.58"EE	Lab Id Code	STP1- GF/26-27/W098 STP2- GF/26-27/W099 STP3- GF/26-27W100
Sampling Method	As Per APHA-24th ED: 1060B-2023		

Sl. No.	Parameter	Testing Methods	Unit	Standard as per MoEFCC 13 th October 2017	STP1	STP2	STP3
01	pH Value @250C	APHA 24th ED 4500 H+B:2023	--	6.5-9.0	7.12	7.18	7.01
02	Total Dissolved Solids(TDS)	APHA 24th ED 2540-C: 2023	mg/l	--	141.0	135.0	130.0
03	Total Suspended Solids(TSS)	APHA 24th ED 2540-D: 2023	mg/l	<50	10	16	20
04	Biological Oxygen Demand	IS 3025 (PART 44) : 1993 REA-2009	mg/l	20	<2.0	<2.0	<2.0
05	Chemical Oxygen Demand	APHA 24th ED 5220 C:2023	mg/l	--	12	14	10
06	Oil & Grease	IS 3025 PART 39-1991 RA-2003	mg/l	--	<2.0	<2.0	<2.0
07	Total Kjeldhal Nitrogen	APHA 24th ED 4500- Norg B: NH3-B, C:2023	mg/l	--	1.2	1.2	1.8

Reviewed By

TECHNICAL MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA

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DEPUTY QUALITY MANAGER

GREENFORCE ASSOCIATES PRIVATE LIMITED
BHUBANESWAR, ODISHA

ULR No- TC1616726000000107F
Report No- GFAPL/26-27/SMR/030

Issued Date- 06.06.2026

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Soil		
Sampling By	GFAPL's Representative		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Soil
Date of Sampling	23.05.2026	Date of Receiving	25.05.2026
Date of Analysis	25.05.2026	Date of Complete	29.05.2026
Sampling Location & Coordinates	S1- Plant Area; Latitude: 21°59'26.41"N & Longitude: 85°19'39.29"E S2- Village Rugudihi; Latitude: 21°59'50.80"N & Longitude: 85°19'20.16"E S3- Village Lohidapada; Latitude: 21°59'35.29"N & Longitude: 85°19'40.86"E	Lab Id Code	S1- GF/26-27/S-019 S2- GF/26-27/S-020 S3- GF/26-27/S-021
Sampling Method	As Per TNAU Agri Portal		

Sl. No.	Parameter	Testing Methods	Unit	S1	S2	S3
01	pH	IS: 2720(Part-26)-1987	%	6.24	6.42	6.36
02	Organic Carbon	IS: 2720(Part-22)-1972	%	1.08	1.45	1.42
03	Moisture Content	IS: 2720(Part-2)-1973	%	5.9	6.1	6.1
04	Specific Gravity	IS: 2720(Part-3/Sec1)-1980	Gs	2.69	2.64	2.64
05	Sulfate	IS: 2720(Part-27)-1977	mg/Kg	84	110	118
06	Electrical conductivity	IS:14767: 2000	micro s/cm	212.4	198.6	197.2
07	Bulk Density	GFAPL/SOP/Soil & Rock/03-23	gm/cc	1.35	1.26	1.26
08	Nitrogen as N	IS:14684: 1999	kg/hect	68	102	118

Reviewed By

TECHNICAL MANAGER

Technical Manager

Mr. S.K. Parhi

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GREEN FORCE

ASSOCIATES PRIVATE LIMITED

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Report No- GFAPL/26-27/SMR/030

Issued Date- 06.06.2026

TEST REPORT

Client Name & Address	M/s Sree Metaliks Ltd, Loidapada, Barbil, Dist-Keonjhar, Odisha.		
Nature of Sampling	Soil		
Sampling By	GFAPL's Representative		
Location of performance of Laboratory activities	Laboratory Permanent Facility	Deviation from the method (if any)	NO
Discipline	Chemical	Group	Soil
Date of Sampling	23.05.2026	Date of Receiving	25.05.2026
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Sampling Method	As Per TNAU Agri Portal		

Sl. No.	Parameter	Testing Methods	Unit	S1	S2	S3
01	Colour	GFAPL/SOP/Soil & Rock/01-23	--	Brown	Brown	Brown
02	Soil Texture	GFAPL/SOP/Soil & Rock/02-23	--	Sandy loamy	Clay loamy	Clay loamy
03	Calcium as Ca	IS: 2720(Part-23)	mg/kg	448	394	382
04	Magnesium as Mg	GFAPL/SOP/Soil & Rock/04-23	mg/kg	212	190	188
05	Chloride	GFAPL/SOP/Soil & Rock/07-23	mg/kg	132	128	134
06	Potassium	GFAPL/SOP/Soil & Rock/06-23	mg/kg	124	124	120
07	Phosphorus	GFAPL/SOP/Soil & Rock/05-23	kg/hect	24	30	32

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Sl.No.	Parameter	Testing Methods	Unit	S1	S2	S3
08	Manganese (as Mn)	GFAPL/SOP/Soil & Rock/08-23	mg/kg	10.8	1.84	2.18
09	Iron (as Fe)	GFAPL/SOP/Soil & Rock/09-23	%	2.94	1.78	1.84

REMARKS: NR- Not Relaxable;

Reviewed By

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

Authorized Signatory

DEPUTY QUALITY MANAGER
GREENFORCE ASSOCIATES PRIVATE LIMITED
Bhubaneswar, Odisha
Deputy Quality Manager
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