

ENVIRONMENT MONITORING REPORT
OF
MONTH APRIL-2023



Client- M/s SREE METALIKS LTD.

Address- Anra, Upper Raigoda, Banspal Dist-
Keonjhar, Odisha



Monitored By - EHS360 Labs Pvt. Ltd.

Address- No.8,50th Street,7th Avenue,

Chennai, Tamil Nadu

NABL Certificate No:- TC-9583

PHOTOGRAPHS OF ENVIRONMENT MONITORING



TEST REPORT

Report No	EHS360/TR/2022-23/025	Report Date	04.05.2023
Issued To	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal Dist-Keonjhar, Odisha.		
Customer Name	M/s Sree Metaliks Ltd		
Sampling Method	IS 5182	Sample Drawn by	Laboratory
Sample Name	Air	Sample Code	EHS360/025
Sample Description	Ambient Air Quality Monitoring	Sample Condition	Good
Sampling Location & Coordinates	Near Entry Gate: 21°41'13.17"N Latitude & 85°26'17.90"E Longitude		

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 ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.04.2023	73.4	37.6	15.2	21.6	0.65
06.04.2023	76.8	39.2	16.4	23.8	0.67
10.04.2023	83.1	43.1	16.8	24.6	0.69
13.04.2023	86.5	45.6	17.4	25.5	0.72
17.04.2023	89.2	49.4	18.4	26.8	0.74
20.04.2023	87.5	48.2	18.8	27.6	0.75
24.04.2023	80.1	42.7	14.6	24.4	0.65
27.04.2023	83.4	43.8	15.7	25.2	0.67
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)

Note: BDL –NAAQ – National Ambient Air Quality; Instrument Used: Respirable Dust Sampler (RDS), Fine Particulate Sampler (FPS).

*****End of Report*****

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Name: Santhosh Kumar A
Designation : Quality Manager

TEST REPORT

Report No	EHS360/TR/2022-23/026	Report Date	04.05.2023
Issued To	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal Dist-Keonjhar, Odisha.		
Customer Name	M/s Sree Metaliks Ltd		
Sampling Method	IS 5182	Sample Drawn by	Laboratory
Sample Name	Air	Sample Code	EHS360/026
Sample Description	Ambient Air Quality Monitoring	Sample Condition	Good
Sampling Location & Coordinates	Near Security Barak:21°41'2.88"N Latitude & 85°25'56.46"E Longitude		

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 ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.04.2023	71.2	36.7	14.1	20.6	0.62
06.04.2023	75.4	38.1	15.5	22.2	0.65
10.04.2023	80.6	41.6	16.1	23.7	0.67
13.04.2023	84.2	43.8	16.8	24.5	0.7
17.04.2023	86.8	45.2	17.7	25.6	0.72
20.04.2023	85.8	45.4	18.2	26.4	0.73
24.04.2023	76.8	39.2	13.6	23.4	0.62
27.04.2023	80.4	41.6	14.8	24.6	0.65
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)

Note: NAAQ – National Ambient Air Quality; Instrument Used: Respirable Dust Sampler (RDS), fine Particulate Sampler (FPS).

*****End of Report*****



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Name : Santhosh Kumar A
Designation : Quality Manager

TEST REPORT

Report No	EHS360/TR/2022-23/027	Report Date	04.05.2023
Issued To	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal Dist-Keonjhar, Odisha.		
Customer Name	M/s Sree Metaliks Ltd		
Sampling Method	IS 5182	Sample Drawn by	Laboratory
Sample Name	Air	Sample Code	EHS360/027
Sample Description	Ambient Air Quality Monitoring	Sample Condition	Good
		Sampling Date	17.04.2023

Name of Location	Location	O ₃ (µg/m ³)	NH ₃ (µg/m ³)	Pb (µg/m ³)	Ni (ng/m ³)	As (ng/m ³)	C ₆ H ₆ (µg/m ³)	BaP (ng/m ³)
AAQ-1	AQ1-Near Entry Gate	13.6	37.2	<0.06	<0.6	<0.44	<5	<1
AAQ-2	AQ2-Near Security Barak	12.4	34.8	<0.06	<0.6	<0.44	<5	<1
NAAQ* Standard		100	400	1	20	6	5	1
Methods of Analysis		IS:5182 (Part-9)	IS:5182 (Part-25)	IS:5182 (Part-22)	IS:5182 (Part-26)	As per CPCB method followed by AAS	IS:5182 (Part-11)	IS:5182 (Part-12)

Note: BDL –NAAQ – National Ambient Air Quality; Instrument Used: Respirable Dust Sampler (RDS), Fine Particulate Sampler (FPS).

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A-57

Name: Santhosh Kumar A
Designation : Quality Manager

TEST REPORT

Report No	EHS360/TR/2022-23/028	Report Date	04.05.2023
Issued To	<i>M/s.Sree Metaliks Ltd,</i> Anra, Upper Raigoda, Banspal Dist-Keonjhar, Odisha.		
Customer Name	<i>M/s Sree Metaliks Ltd</i>		
Sampling Method	IS 9989	Sample Drawn by	Laboratory
Sample Name	Noise Level Monitoring	Sample Code	EHS360/028
Sample Description	Ambient Noise	Sample Condition	Good
Sample Collected Date	21.04.2023	Sample Received On	22.04.2023
Test Commenced On	22.04.2023	Test Completed On	24.04.2023

S.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	69.6	64.1
2	Near Security Barak; Latitude: 21°41'2.88"N & Longitude: 85°25'56.46"E	66.1	53.4
Industrial Zone permissible limits as per TNPCB Norms		Day Time – 75 dB(A)	Night Time – 70 dB(A)

Note: Instrument Used: Sound Level Meter.

REMARKS: The above sample complies with TNPCB norms with respect to the above tested Parameters.

*****End of Report*****

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A-57

Name: Santhosh Kumar A
Designation: Quality Manager

TEST REPORT

Report No	EHS360/TR/2022-23/029	Report Date	04.05.2023
Issued To	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal Dist- Keonjhar, Odisha.		
Customer Name	M/s Sree Metaliks Ltd		
Sampling Method	IS 9989	Sample Drawn by	Laboratory
Sample Name	Noise Level Monitoring	Sample Code	EHS360/029
Sample Description	Work Zone Noise	Sample Condition	Good
Sample Collected Date	21.04.2023	Sample Received On	22.04.2023
Test Commenced On	22.04.2023	Test Completed On	24.04.2023

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	71.5	68.2
2	Near W.Bridge-2; Latitude: 21°40'55.60"N & Longitude: 85°26'16.20"E	71.4	67.4
Industrial Zone permissible limits as per TNPCB Norms		Day Time – 75 dB(A)	Night Time – 70 dB(A)

Note: Instrument Used: Sound Level Meter.

REMARKS: The above sample complies with TNPCB norms with respect to the above tested Parameters.

*****End of Report*****

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Name: Santhosh Kumar A
Designation: Quality Manager



LABS

TEST REPORT

Report No	EHS360/TR/2022-23/030	Report Date	04.05.2023
Issued To	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal Dist-Keonjhar, Odisha.		
Customer Name	M/s Sree Metaliks Ltd		
Sampling Method	IS 5182	Sample Drawn by	Laboratory
Sample Description	Fugitive Dust Sample	Sample Code	EHS360/030
		Sample Condition	Good

Sl. No.	Name of Location	Coordinates of Location	Date of Sampling	Result
1	Near W.Bridge - 1	Lat: 21°40'67.60"N Long:21°40'55.60"N	18.04.2023	942.5
2	Near W.Bridge - 2	Lat: 85°26'45.20"E Long: 85°26'16.20"E	18.04.2023	972.4
Fugitive Standard				1200
Methods of Analysis			IS:5182 (Part-24)	

Instrument Used: Respirable Dust Sampler (RDS)

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Name: Santhosh Kumar A
Designation : Quality Manager

TEST REPORT

Report No	EHS360/TR/2022-23/031	Report Date	04.05.2023
Issued To	M/s Sree Metaliks Ltd, Anra, Upper Raigoda, Banspal Dist- Keonjhar, Odisha.		
Customer Name	M/s Sree Metaliks Ltd		
Sampling Method	IS 5182	Sample Drawn by	Laboratory
Sample Name	Stack Emission Monitoring	Sample Code	EHS360/031
Sample Description	Flue Gas	Sample Condition	Good
Name of Location	Stack Attached To DRI		
Sample Collected Date	17.04.2023	Sample Received On	18.04.2023
Test Commenced On	19.04.2023	Test Completed On	22.04.2023

Sl. No.	Parameters	Test Method	Results
1	Flue Gas Temp. in K	IS-11255 (PART-3) 1985, (RA-2013)	369
2	Average flue gas Velocity in m/sec	IS-11255 (PART-3) 1985, (RA-2013)	17.56
3	Particulate Matter (PM) in mg/Nm ³	IS-11255(PART-1) 1985, (RA-2014) Gravimetric Method	46.4
4	SO ₂ in mg/Nm ³	IS-11255(PART-2) 1985, (RA-2019)	24.6
5	NO _x in mg/Nm ³	IS-11255(PART-2) 1985	36.8

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Authorised Signatory

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Designation : Quality Manager