

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



**Client- M/s SREE METALIKS LTD.
Address- Mukundapur, Parang Dist-
Angul, 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, Mukundapur, Parang, Dist-Anugul, 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 Admin Office: 20°52'6.54"N Latitude & 85°01'0.63"E Longitude		

Date Of Sampling	PM10 ($\mu\text{g}/\text{m}^3$)	PM2.5 ($\mu\text{g}/\text{m}^3$)	SO2 ($\mu\text{g}/\text{m}^3$)	NOx ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.04.2023	75.6	38.2	15.4	21.5	0.62
06.04.2023	78.4	40.2	16.2	23.4	0.63
10.04.2023	83.5	44.2	17.2	26.6	0.65
13.04.2023	82.2	43.4	17.4	27.1	0.66
17.04.2023	85.2	46.1	17.8	27.6	0.67
20.04.2023	83.8	44.6	18.2	28.2	0.68
24.04.2023	72.4	37.2	16.4	24.8	0.6
27.04.2023	75.7	38.2	16.9	25.8	0.63
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*****



Verified by

Authorised Signatory

A-57

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, Mukundapur, Parang, Dist-Anugul, 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 Main Gate: 20°52'5.71"N Latitude & 85°01'2.74"E Longitude		

Date Of Sampling	PM10 ($\mu\text{g}/\text{m}^3$)	PM2.5 ($\mu\text{g}/\text{m}^3$)	SO2 ($\mu\text{g}/\text{m}^3$)	NOx ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.04.2023	77.5	39.4	16.2	22.6	0.64
06.04.2023	82.4	42.5	17.4	24.2	0.65
10.04.2023	87.2	49.6	18.6	27.5	0.67
13.04.2023	85.8	48.1	18.2	27.8	0.69
17.04.2023	89.6	51.2	18.8	28.6	0.71
20.04.2023	88.6	50.2	19.2	29.4	0.73
24.04.2023	76.8	39.4	17.6	26.2	0.66
27.04.2023	80.2	42.5	18.1	27.5	0.68
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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A-S7

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, Mukundapur, Parang, Dist-Anugul, 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	O3 ($\mu\text{g}/\text{m}^3$)	NH3 ($\mu\text{g}/\text{m}^3$)	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	AQ1-Near Entry Gate	13.2	30.4	<0.06	<0.6	<0.44	<5	<1
AAQ-2	AQ2-Near Security Barak	14.8	32.8	<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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Name: Santhosh Kumar A
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TEST REPORT

Report No	EHS360/TR/2022-23/028	Report Date	04.05.2023
Issued To	<i>M/s Sree Metaliks Ltd,</i> Mukundapur, Parang, Dist-Anugul, 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	14.04.2023	Sample Received On	15.04.2023
Test Commenced On	15.04.2023	Test Completed On	17.04.2023

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	65.8	61.6
2	Near Main Gate; Latitude 20°52'5.71"N & Longitude: 85°01'2.74"E	69.1	60.2
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.

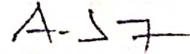
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TEST REPORT

Report No	EHS360/TR/2022-23/029	Report Date	04.05.2023
Issued To	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, 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	14.04.2023	Sample Received On	15.04.2023
Test Commenced On	15.04.2023	Test Completed On	17.04.2023

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	71.6	68.2
2	Near W.Bridge; Latitude: 20°52'7.13"N & Longitude: 85°1'0.55"E	70.4	62.6
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

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TEST REPORT

Report No	EHS360/TR/2022-23/030	Report Date	04.05.2023
Issued To	M/s Sree Metaliks Ltd, Mukundapur, Parang, Dist-Anugul, Odisha.		
Customer Name	M/s Sree Metaliks Ltd		
Sampling Method	IS 5182	Sample Drawn by	Laboratory
Sample Name	Fugitive Dust Sample	Sample Code	EHS360/030
Sample Description	Ambient Air Quality Monitoring	Sample Condition	Good

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	14.04.2023	948.2
2	Near W.Bridge	Lat: 20°52'7.13"N Long: 85°1'0.55"E	14.04.2023	922.4
Fugitive Standard				1200
Methods of Analysis			IS:5182 (Part-24)	

Instrument Used: Respirable Dust Sampler (RDS)

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

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TEST REPORT

Report No	EHS360/TR/2022-23/031	Report Date	04.05.2023
Issued To	<i>M/s Sree Metaliks Ltd,</i> Mukundapur, Parang, Dist-Anugul, Odisha.		
Customer Name	<i>M/s Sree Metaliks Ltd</i>		
Sampling Method	IS 5182	Sample Drawn by	Laboratory
Sample Name	Stack Emission Monitoring	Sample Code	EHS360/031
Sample Description	Flue Gas	Sample Condition	Good
Sample Collected Date	13.04.2023	Sample Received On	15.04.2023
Test Commenced On	15.04.2023	Test Completed On	18.04.2023
Sampling Location	Stack Attached to DRI; Lat:20°52'2.92"N & Long: 85°0'47.85"E		

Sl. No.	Parameters	Test Method	Results
1	Flue Gas Temp. in K	IS-11255 (PART-3) 1985, (RA-2013)	391
2	Average flue gas Velocity in m/sec	IS-11255 (PART-3) 1985, (RA-2013)	12.95
3	Particulate Matter (PM) in mg/Nm3	IS-11255(PART-1) 1985, (RA-2014) Gravimetric Method	48.4
4	SO2 in mg/Nm3	IS-11255(PART-2) 1985, (RA-2019)	54.6
5	NOx in mg/Nm3	IS-11255(PART-2) 1985	42.4
6	CO in %	IS-13270:1992,(RA-2019)	<0.2
7	CO2 In %	IS-13270:1992,(RA-2019)	2.1
8	P bar in mmHg	-	738

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