



SUNDARAM
STEELS

SUNDARAM STEELS PVT. LTD.

GSTN: 20AAMCS4941D1ZM

Ref. No: SSPL/EnvStmt/2023-24

Date: 31-Oct-2023

To,
The In-charge
Regional Office
Jharkhand State Pollution Control Board
HIG-1, Sardar Patel Nagar,
Hirapur, Dhanbad- 826001

**Subject: Environmental Statement for the Financial Year ending the 31st March, 2023
Submitted by M/s. Sundaram Steels Private Limited**

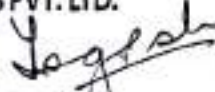
Respected Sir(s)/ Madam(s),

With reference to the above subject matters, we are hereby enclosing the Environmental Statement for the financial year 2022-2023 as per Rule-14, Form-V for your ready reference of M/s. Sundaram Steels Private Limited, B-7, Phase-III, Bokaro Industrial Area, Balidih, Bokaro, Jharkhand- 827014.

So, kindly acknowledge the same.

Thanking you.

For and on behalf of,
M/S Sundaram Steels Pvt. Ltd.
SUNDARAM STEELS PVT. LTD.


DIRECTOR

Authorized Signatory

Encl. Stated as above

Regd. Office :
Room No.2, Basement,
Plot No. 322, Maa Vaishno Nagar,
Chandpur, Lahartara, Varanasi, 221106.
Uttar Pradesh

☎ 0542-2373850, 0654-2253446
✉ info@sundaramsteels.in
CIN: U27100UP2008PTC036092

Works :
B-7, Phase-III,
Bokaro Industrial Area,
Balidih, Bokaro, 827014.
Jharkhand

**Environmental Statement for the
Financial Year 2022-2023**

FORM- V

Factory address:

**M/s. Sundaram Steels Private Limited
B-7, Phase-III, Bokaro Industrial Area, Balidih,
Bokaro, Jharkhand- 827014**

SUNDARAM STEELS PVT. LTD.

Yogesh
DIRECTOR

Form V
(see Rule 14)

Environmental Statement for the financial year ending the 31st March, 2023

2022-23

PART- A

- 1) Name & Address of the Owner/ Occupier: *M/s Sundaram Steels Private Limited*
B-7, Phase-III, Bokaro Industrial Area, Balidih, Bokaro, Jharkhand- 827014.
- 2) Industry category (SSI Code): *Primary- Iron & Steel*
- 3) Production capacity (Units): *Sponge Iron- 180 TPD (54000 TPA)*
- 4) Date of the last environmental statement: *27-12-2022*
- 5) Year of establishment: *2008*

PART- B

Water and Raw Materials Consumption

- (1) Water consumption per day: *69 KLD*
 Process: *54 KLD*
 Domestic: *15 KLD*

Name of the Products		Process water consumption per unit of Product output	
		During the previous Financial year (2021-22)	During the current Financial year (2022-23)
(1) <i>Sponge Iron</i>		<i>Cooling- 1.045 KL/T</i>	<i>Cooling- 1.020 KL/T</i>
(ii) Raw Material Consumption			
Name of Material	Name of Product	Consumption of raw material per Unit of product output	
		During the previous financial year (2021-22)	During the current financial year (2022-23)
<i>Iron Ore</i>	<i>Sponge Iron</i>	<i>0.278 T/T</i>	<i>0.497 T/T</i>
<i>Iron Ore Pellets</i>		<i>1.232 T/T</i>	<i>1.083 T/T</i>
<i>Coal</i>		<i>0.789 T/T</i>	<i>1.196 T/T</i>
<i>Dolomite</i>		<i>0.039 T/T</i>	<i>0.046 T/T</i>
Industry May use code if discharge details of Raw Materials would violate contractual obligation, otherwise and industries have to name the raw materials.			

SUNDARAM STEELS PVT. LTD.

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PART-C

Discharged in the Environment unit Output
(Parameter as certified in the consent issued)

1. Pollutants	Quantity of pollutants discharged (Mass/day)	Concentrations of pollution in discharged (mg/m ³)	Variation from prescribed Std. with reasons
(a) Water	<i>Nil</i>	<i>Nil</i>	<i>No industrial effluent discharge</i>
(b) Air	<i>Particulate Matter</i>	<i><100 mg/Nm³</i>	<i>Monitoring done by recognized lab enclosed</i>

PART-D

(As specified under Hazardous Waste Management and Handling Rules, 1989)

Hazardous Waste

Total Quantity (Kg.)

During the previous
Financial year (2021-22)

During the current
financial year (2022-23)

(a) From Process		
1. Used Oil	<i>0.02 KL</i>	<i>0.02 KL</i>
(b) From pollution Control Facilities		

PART-E

Solid Waste

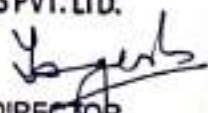
Total Quantity (Kg.)

During the previous
Financial year (2021-22)

During the current
financial year (2022-23)

(a) From Process		
1. Dolochar	<i>16,150 T</i>	<i>16,200 T</i>
(b) From Pollution Control Facilities		
1. Wet Scraper Sludge	<i>1,020 T</i>	<i>1,040 T</i>
2. Accretion Sludge	<i>1,500 T</i>	<i>1,600 T</i>
3. ESP Dust	<i>9,200 T</i>	<i>9,300 T</i>
4. Quantity recycled or re-utilized		
(i) Sold (Dolochar)	<i>16,150 T</i>	<i>16,200 T</i>
<i>(Dolochar is sold to other power unit)</i>		
(ii) Disposed	<i>Nil</i>	<i>Nil</i>

SUNDARAM STEELS PVT. LTD.


DIRECTOR

PART- F

Please specify the characterization (in the term of consumption and quantity) of Hazardous as well as solid waste and disposal practice adapted for both these Categories of waste.

No Hazardous waste is generated in any process. All spent oil is used for gear & machine lubrication.

Solid waste generated Dolochar- Sold to other power units. APCS dust sold to brick unit.

No disposal of any hazardous waste/ solid waste outside the premises.

PART- G

Impact of the pollution abatement measures taken on conservation of natural resource and on production

AAQ and other emissions are within the norms.

PART- H

Additional measures/ investment proposal for environmental protection including abatement of pollution, prevention of pollution.

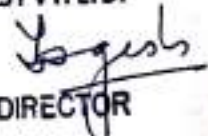
Plantation done and continued with our dedicated Horticulture Team. All dedusting equipments are cleaned and being maintained at regular intervals to work at the rated efficiency to arrest the pollutants.

PART- I

Any other particulars for improving the quantity of the environment.

"We have done plantation and are being maintained for cleaner environment within the campus and naturally the nearby the environment also."

SUNDARAM STEELS PVT. LTD.


DIRECTOR

SRI SAI ENVIRO ANALYTICAL LABORATORIES

TESTING OF SOIL, WATER, AIR, COAL & BUILDING MATERIAL

Kisan Bhawan, Krishi Bazar, Barwadda, Dhanbad - 826004 (Jharkhand)

Mobile : 7001451670, 9431120331, E-mail : srisaienviro@rediffmail.com

STACK MONITORING TEST REPORT

Test Report No.	sal/PCB/2023/SM-06
Application No.	17117097 Dt.26.08.2023

CUSTOMER DETAILS	SAMPLE DETAILS
Name of Unit : Sindaram Steels Pvt. Ltd.	Sample Ref. no :sal/PCB/2023/SM-06
Plant Status : Operational	Location : Stack attached to Kiln 1 and 2
Address : D-7, Phase-III, Bokaro Industrial Area, Batala, District-Bokaro.	Date of Sampling : 30.08.2023
	Date of receiving sample in lab : 30.08.2023

STACK CHARACTERISTICS

1. Type of Activity/ Production : Sponge Iron Production
2. Stack Connected to : Kiln 1 and 2
3. Stack/Chimney made of : M.S. Sheet
4. Stack height from ground level : 42 mtr.
5. Shape of stack : Round
6. Inner Diameter of stack at sampling point : 1.6 mtr.
7. Sampling platform : Permanent, at 20 mtr height
8. Production Capacity : 90 + 90 Metric Tonne per day
9. Pollution Control Measures(if Any) : ESP installed.

FUEL CHARACTERISTICS

1. Type of fuel used : Coal
2. Fuel consumption : 270 Metric Tonne per day
3. Calorific value of coal used : 4860 KCal/ Kg

RESULT OF ANALYSIS		
PARAMETERS	RESULT VALUE	UNITS
Stack Gas Temperature	135	°C
Atmospheric Temperature	39.2	°C
Wind Fluctuation Velocity	7.5	m/sec
Volumetric Flow Rate	38562	Nm ³ /hr
Concentration of SO ₂	92.4	mg/Nm ³
Concentration of NO ₂	56.3	mg/Nm ³

-----END OF REPORT-----

Nilesh Haldar
Authorised Signatory
Dr. Nilesh Haldar

SRI SAI ENVIRO ANALYTICAL LABORATORIES

TESTING OF SOIL, WATER, AIR, COAL & BUILDING MATERIAL

Kisan Bhawan, Krishi Bazar, Barwadda, Dhanbad - 826004 (Jharkhand)

Mobile: 7001451670, 9431120331, E-mail: srisaienviolabs@gmail.com

AMBIENT AIR QUALITY MONITORING REPORT

Task Report No. : ssa/2023/sample-AA-55	Dr. 08.08.2023
Application No. : 17117957	Dr. 28.08.2023

CUSTOMER DETAILS	SAMPLE DETAILS
Name of Unit : M/S Suddarum Steels Pvt. Ltd.	Sample Ref. no : ssa/2023/sample-AA-55
Plant Section : In Operation	Location : Multiple
Address : B.T. Section, in Barwadda industrial area, Dhanbad, Jharkhand - 826004	Date of sampling : 08.08.2023 to 08.20.2023
	Date of receiving sample in lab : 30.08.2023

Parameter	Limits(24 hrs.)	80	80	100	60
Location	Time	SO ₂ micro/m ³	NO _x micro/m ³	PM10 micro/m ³	PM2.5 micro/m ³
01.01.01	08.20am-01.20pm	38.9	24.4	65	52
01.01.02	01.30pm-04.30pm	40.2	24.1	62	50
01.01.03	04.40pm-07.40pm	38.0	20.3	60	50
01.02.01	08.50pm-01.10am	38.7	19.6	69	46
01.02.02	01.20am-04.20am	39.5	22.3	75	48
Average	24 hrs.	39.42	22.22	78.20	49.20

Location	Time	SO _x	NO _x	PM10	PM2.5
01.01.01	08.20am-01.20pm	38.9	24.4	65	52
01.01.02	01.30pm-04.30pm	40.2	24.8	64	52
01.01.03	04.40pm-07.40pm	38.0	20.3	60	51
01.02.01	08.50pm-01.10am	38.7	19.6	70	46
01.02.02	01.20am-04.20am	39.7	22.7	74	47
Average	24 hrs.	39.70	23.16	78.60	49.60

Location	Time	SO _x	NO _x	PM10	PM2.5
01.01.01	08.20am-01.20pm	35.6	24.0	74	46
01.01.02	01.30pm-04.30pm	35.4	24.2	75	47
01.01.03	04.40pm-07.40pm	35.1	19.8	70	45
01.02.01	08.50pm-01.10am	33.7	19.2	62	32
01.02.02	01.20am-04.20am	34.5	22.7	66	41
Average	24 hrs.	34.90	22.00	69.20	43.60

*****END OF REPORT*****

Haldar
 Authorised signatory
 Dr. Nilesh Haldar

SRI SAI ENVIRO ANALYTICAL LABORATORIES

TESTING OF SOIL, WATER, AIR, COAL & BUILDING MATERIAL

Kisan Bhawan, Krishi Bazar, Barwadda, Dhanbad - 826004 (Jharkhand)

Mobile : 7091451670, 9431120331. E-mail : srisaienvirolabs@gmail.com

WASTE WATER ANALYSIS REPORT

Test Report No.	SR/PPD/0002/WWS-05
Application No.	DT. 04.09.2023
Application No.	17-17967 dt.28.08.2023

CUSTOMER DETAILS	SAMPLE DETAILS
Name of client : Srisaigreen Steels Pvt. Ltd.	Sample Ref. no. : SR/2022-WWS-05
Plant Status : Operational	Location : Drain before soaking pit(no industrial Waste water)
Address : B-7 Phase, III Rekon Industrial Area Baidih, District - Bokaro.	Date of Sampling : 28.08.2023
	Date of receiving sample in lab : 29.08.2023

S. NO.	PARAMETERS	UNIT	TEST RESULT	PERMISSIBLE LIMITS
1	TEMP AW	Degree C	35.2/34.3	-
2	PH VALUE		7.4	5.5-9.0
3	D.O.	mg/L	4.8	-
4	BOD	mg/L	16	20, MAX
5	COD	mg/L	98	250, MAX
6	T.S	mg/L	210	-
7	TSS	mg/L	60	100, MAX
8	Oil	mg/L	130	-
9	Oil & GREASE	mg/L	98	10, MAX

*****END OF REPORT*****

Authorised Signatory
Dr. Nilash Halder

SRI SAI ENVIRO ANALYTICAL LABORATORIES

TESTING OF SOIL, WATER, AIR, COAL & BUILDING MATERIAL

Kisan Bhawan, Krishi Bazar, Barwadda, Dhanbad - 826004 (Jharkhand)

Mobile : 7001451670, 9431120331, E-mail : srisaienvirolabs@gmail.com

NOISE LEVEL MONITORING REPORT

Test Report No.	Sai/PCB/2023/NL- 42 Dt. 02.09.2023
Application No.	17117067 Dt.28.08.2023

CUSTOMER DETAILS	SAMPLE DETAILS
Name of Unit: M/S Sundaram Steels Pvt. Ltd.	Sai/2023 /Sample-NL- 42
Plant Status: In Operation	Location: Multiple
Address: D-7, Phase-III, Bokaro Industrial Area, Bokaro District, Bokaro.	Date of Sampling- 29.08.2023-30.08.2023

OBSERVATIONS

S. No.	Place of Monitoring	Day Time	Night time
1	Near Office	76 dB	65 dB
2	Near Ingot Shed	84 dB	72 dB
3	Near Cooling Tower	83 dB	70 dB
	Average	81 dB	70 dB

*****END OF REPORT*****

Authorized signatory

Dr. Nilesh Halder

भारतीय डाक

EJ261618971IN IVR:6974261618971

SP BALIDIN SO <827014>

Counter No:2,02/11/2023,14:00

To:THE INCHARGE,REGIONAL OFFICE

PIN:826001, Dhanbad HD

From:SUNDRAM STEEL PVT,INDS AREA

Wt:20gms

Amt:41.30(Cash)Tax:6.30

<Track on www.indiapost.gov.in>

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भारतीय डाक

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