

Ref. No.: SML /ANRA/ SPCB/E-STMT/ 264 /2022-23

Date: 03/11/2022

The Member Secretary,
State Pollution Control Board, Odisha
Parivesh Bhawan, A/118, Nilakantha Nagar,
Unit – VIII, Bhubaneswar – 751012

Subject: Environmental Statement for Anra iron ore Pellet plant of M/s Sree Metaliks Limited located At: Anra, Po- Upper Raiguda, Tehsil: Banspal, Dist: Keonjhar of Odisha for the year 2021-2022

Sir,

With reference to the above mentioned subject, we are herewith submitting “Annual Environmental Statement” for the financial year 2021-2022 (April, 2021 to March, 2022)” in Form-V as per rule-14 under Environment (Protection) Rules, 1986 for Anra iron ore Pellet plant of M/s Sree Metaliks Limited located At: Anra, Po- Upper Raiguda, Tehsil: Banspal, Dist: Keonjhar of Odisha for the year 2021-2022 through email – paribesh1@ospcboard.org. The hard copy of the same will be submitted at your good office.

This is for your kind information please.

Thanking you,

Yours Faithfully,
FOR SREE METALIKS LIMITED



S. S. Kar
SR. VICE PRESIDENT (Admin & Commercial)

Encl: As above.

Copy to:

1. The Regional Officer, State Pollution Control Board, Regional Office, College Road, Dist.: Keonjhar, Odisha.

CIN : U26939WB1995PLC075633

Head Office : SML HOUSE, MAIN ROAD, BARBIL - 758035, KEONJHAR, ORISSA, INDIA

Registered Office : 8/1, New Tangra Road, China Town, Kolkata - 700 046

W : www.sreemetaliks.com, **E :** info@sreemetaliks.com

¹[FORM-V]

(See Rule 14)

Environment Statement for the financial year ending the 31st March, 2022.

PART-A

- (i) Name and address of the owner / occupier of the industry, operation or process:

Mr. Mahesh Kumar Agarwal

Sree Metaliks Limited

At: Anra, Po-Upper Raiguda, Tehsil: Banspal, Dist Keonjhar, Odisha

- (ii) Industry category Primary –(STC CODE)

Secondary-(SIC Code)

- (iii) Production capacity : Units :

Iron Ore Pellet – 0.6 MTPA

Producer Gas – 25, 800 Nm³/Hr

- (iv) Year of establishment: **First commercial production started on 2010**

- (v) Date of the last Environmental Statement Submitted: **10.06.2021**

PART-B

Water and Raw material Consumption:

1. Water Consumption M³ / d

Process
Cooling
Domestic

Sl. No.	Name of Products	Process Water consumption per unit of product output	
		During the Previous Financial Year	During the Current Financial Year
1	Process	27918 M ³	37710 M ³
2	Cooling	27800 M ³	33047 M ³
3	Domestic	7100 M ³	7400 M ³

2. Raw Material Consumption

Name of Raw Materials	Name of Products	Consumption of Raw Material per Unit	
		During the Previous Financial Year	During the Current Financial Year
Iron Ore Fines	Pellet	1.1 MT	1.11 MT
Bentonite	Pellet	0.01 MT	0.01 MT
Lime Stone	Pellet	0.01 MT	0.0025 MT
Dolomite	Pellet	0.0025 MT	0.0025 MT
Coal (PGP)	Producer Gas	0.031 MT	0.025 MT

PART-C

Pollution discharged to environment /unit of output:

(Parameter as specified in the consent issued)

(1) Pollutants	Quantity of Pollutants discharged (mass/day)	Conc. of Pollutants in discharges (mass/volume)	% of variation from prescribed standards with Reasons.
----------------	--	---	--

(a) Water: **Not Applicable**

(b) Air:

Parameters	Norms	Result	Concentration of Pollutant (mass/day)	% of variation from prescribed standard
SPM	100 mg/Nm ³	32.5 – 51.6	49.17	Within the standard

PART-D

Hazardous Wastes

(as specified under Hazardous Waste/ Management and Handling Rules,1986) and subsequent amendments thereof.

Waste Description	Schedule	Total quantity
Used Oil	I	7.2 KL/Annum
Oil Residue	I	0.36 TPA

PART-E Solid Waste

Solid Wastes:

	Total Quantity	
	During the Previous Financial Year	During the Current Financial Year
(a) From Process		
(b) From Pollution Control Facility		
(c)(1) Quantity Recycled or Reutilized within the Unit	9306 MT (Iron Ore Fines)	13430 MT (Iron Ore Fines)
(2) Sold		
(3) Disposed	3931.032 MT (PGP Ash)	3912 MT (PGP Ash)

PART-F

Please specify the characteristics (in terms of composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Hazardous Waste - The generated used oil and oil contaminated cotton waste is being stored in leak proof closed containers and are being temporarily stored in the earmarked impervious surface- having secondary containment for collection of leakages, if any.

The generated used oil & used batteries is being kept in a separate ear marked area and further, it is disposed to the authorized re-processor.

Solid Waste – ESP dust & pellet fines are reused in pellet plant, TAR residue of PGP sold to authorized coal tar processing unit. Bottom ashes are used in land filling for house construction.

PART-G

Impact of the pollution abatement measures taken on conservation of natural re- sources and on the cost of the production

Regular maintenance of the plant is going on to reduce the usage of the natural resources i.e. HSD and fixed sprinkler deployed in the dust prone zones in plant premises.

Apart from that project has also installed ESP and bag filter mechanism towards air pollution control measures.

PART-H

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

It has been undertaken and will be carried out in future i.e. plantation and new advanced technology which is environmental friendly. During the reporting period 5000 no's. of saplings have been planted inside the Plant premises.

PART-I

Any other particulars for improving the quality of the environment

Step towards Environmental Awareness Programme, project has observed the Various Programme with the plantation campaign in the plant premises and its surrounding areas.

FOR SREE METALIKS LIMITED



S. S. Kar
SR. VICE PRESIDENT (Admin & Commercial)

Photos of the Environment Measures





BAG FILTER-PCI





Bentonite Bin
Bag Filter



Bentonite
Bag filter