

Ref. No. : SML/BBL/ENV_STMT / 111 /22-23

Date: 21.06.2023

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

Subject: Environmental Statement for Industry of M/s Sree Metaliks Limited located At:
Loidapada, Po- Guali, Dist: Keonjhar Odisha for the year 2022-2023

Sir,

With reference to the above mentioned subject, we are herewith submitting “Annual Environmental Statement” for the financial year 2022-2023 (April, 2022 to March, 2023)” in Form-V as per rule-14 under Environment (Protection) Rules, 1986 for Industry of M/s Sree Metaliks Limited located At: Loidapada, Po- Guali, Dist: Keonjhar Odisha 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.*

2. *The Jt. Director (S), Integrated Regional Office, MoEF&CC, A-3, Chandrasekharpur, Bhubaneswar- 751023 (Odisha). The soft of the Annual Environment Statement is mailed to: mef.or@nic.in*

¹[FORM-V]

(See Rule 14)

Environment Statement for the financial year ending the 31st March, 2023.

PART-A

- (i) Name and address of the owner / occupier of the industry, operation or process:
Mr. Mahesh Kumar Agarwal
Sree Metaliks Ltd.
At-Loidapada, Po Guali,
Dist Keonjhar,
Odisha
- (ii) Industry category Primary -(STC CODE) Secondary-(SIC Code)
- (iii) Production capacity : Units :
- | | |
|--------------------|--|
| DRI KILN: | 2x50 TPD, 4x100TPD, 1x300 TPD |
| Cap. Power Plant: | 28MW (10.03 MW AFBS+9.7MW WHRB) & 8MW WHRB |
| Blast Furnace: | 36000 MT Per Annum |
| Induction Furnace: | 4x4 T/H, 4x6 T/H & 1X2 T/H
(15000 TPM) |
| Rolling Mill: | 3750 TPM |
| Fly Ash Bricks: | 5 Lac Nos. Per Month |
- (iv) Year of establishment: **First commercial production started on 1988**
- (v) Date of the last Environmental Statement Submitted: **20.10.2022**

PART-B

Water and Raw material Consumption:

(1) Water Consumption m³/d: 661 m³/Day

Process (Industrial Cooling/ sprinkling etc.)	: 616 m ³ /day
Plantation	: 20 m ³ /day
Domestic	: 25 m ³ /day

Name of Product	Process water consumption per unit of output	
Name of Products	Product Output	Water Consumption per unit
Sponge Iron	253907.440	0.5 m3/Ton
MS ingots	158328.270	0.1 m3/Ton
TMT Bar	44123.000	0.3 m3/Ton
Fly Ash Brick	58 Lacs	0.02 m3/bricks

(ii) Raw material consumption:

Name of the Raw Material	Name of the product	Consumption of Raw material per unit of product
Iron Ore	Sponge Iron	1.5 m3/Ton
Coal	Sponge Iron	0.8 m3/Ton
Dolomite	Sponge Iron	0.2 m3/Ton
Fly Ash	Bricks	

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.
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(a) Water: **Not Applicable**

(b) Air:

Parameters	Norms	Result	Concentration of Pollutant (mass/day)	% of variation from prescribed standard
SPM	100 mg/Nm3	65.2 – 75.6	42.39	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	0.74 KL/Annum
Waste Containing Oil	I	0.03 KL/Annum
DM plant spent Resin	I	0.26 Tonne/Annum

PART-E

Solid Waste

Source	Total quantity (MT)
Fly Ash	148407 MT
SMS Slag	36950 MT
BF Slag	3000 MT

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 – Fly Ash used for bricks manufacturing and also used by expansion of National Highway. The rest amount is being dumped in the dump yard with systematic manner. Garlanding drain has been provided at the dump yard with runoff drainage system and settling pond at the corner of the dump. The dump slopes are vegetated with application of grass seeds and plantation. SMS slag also used for filling of National Highway expansion. BF slag is being supply to cement Manufacturing unit.

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 1000 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)