SREE METALIKS

Ref. No.: SML /ANG/ SPCB/E-STMT/ 078 /2024-25 Date: 07/06/2024

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

Sir,

Subject: Environmental Statement for sponge Iron plant of M/s Sree Metaliks Limited located At: Mukundpur, Parang, Tehesil: Chhendipada, Dist: Angul of Odisha for the year2023-2024.

With reference to the above mentioned subject, we are herewith submitting "Annual Environmental Statement" for the financial year 2023-2024 (April, 2023 to March, 2024)" in Form-V as per rule-14 under Environment (Protection) Rules, 1986 for Sponge Iron plant of M/s Sree Metaliks Limited located At: Mukundpur, Parang, Tehesil: Chhendipada, Dist: Angul of Odisha for the year 2023-2024 through email – paribesh1@ospcboard.org.

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, SPCB, Angul, Odisha for kind information.

[FORM V]
(See Rule 14)

Environmental Statement for the financial year ending 31st March 2024.

PART A

(i) Name and address of the owner/
Occupier of the industry operation or process — Mr. Mahesh Kumar Agarwal
Sree Metaliks Limited
At-Mukundpur, Parang
Dist.- Angul, Odisha

(ii) Industry category Primary - (STC Code) — Red
Secondary - (STC Code).

(iii) Production capacity- — DRI KILN 2x100TPD

(iv) Year of establishment — 2004
(v) Date of the last environmental statement submitted.

PART B

Water and Raw Material Consumption:

i. Water consumption m3/d : 661 m3/day
Process (Including Cooling/ Sprinkling etc.) : 230 m3 / day
Sprinkling : 20 m3 / day
Greenbelt : 10 m3 / day
Domestic : 20 m3 / day

Name of the Product — Process water consumption per unit of output

Name of Product	Product Output	Water Consumption per unit
Sponge Iron		0.5 m3/ Ton

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	1.5MT/Tonne
Coal	Sponge Iron	0.8MT/Tonne
Dolomite	Sponge Iron	0.2MT/Tonne

PART C

Pollution discharged to environment/ unit of output.
(Parameter as specified in the consent issued)

1) Pollutants	Quantity of pollutants Discharged (mass/ day)	Concentration of pollutants in discharges (mass/ volume)	Percentage of variation from prescribed standards with reasons
a) Water			

(b) Air

Parameters	Norms	Result	Concentration of Pollutant(Mass/day)	% of variation from prescribed standard
SPM	100 mg/Nm3	38.5-55.6	49.17	Within the standard

PART D

Hazardous Wastes

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

Waste Description	Schedule	Total Quantity
Used Oil	1	1.0KL/Annum
Waste Containing Oil	1	0.4T/Annum

PART E

Solid Waste

Source	Total Quantity (MT)
Dolochar & Dust from APC devices	140 TPD

PART F

Please specify the characterization (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 authorised re-processors

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 resources 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.

Steps 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)