

**Ref: SPS-STR /ES/2023-24**

**Date- 18 October, 2024**

**The Environmental Engineer,**  
West Bengal Pollution Control Board  
Durgapur Regional Office,  
Shahid Khudiram Sarani,  
City Centre, Durgapur (WB)-713216

**Sub- Environmental Statement (FY- 2023-24) of M/S SPS Steels Rolling Mills Limited,  
located at Nasser Husain Avenue, PO-Bidhanagar, PS-Coke Oven,  
Dist.-Paschim Bardhaman, (WB)-713212.**

Dear Sir,

Please find enclosed herewith the environmental statement (Form-V) for financial year ending with 31st March 2024 of M/S SPS Steels Rolling Mills Limited, located at Nasser Husain Avenue, PO- Bidhanagar, PS-Coke Oven, Dist.- Paschim Bardhaman, (WB) for your kind consideration.

Kindly acknowledge our submission.

Thanking you and with regards,

Yours faithfully,

**For *SPS Steels Rolling Mills Limited***

(Authorized Signatory)



Encl.: As above

**FORM-V**

**ENVIRONMENTAL STATEMENT**  
(See rule 14)

**Environmental Statement for the financial year 2023-24 ending with 31<sup>st</sup> March**

**PART-A**

- I. Name and address of the owner/occupier of the industry operation or process  
  
**Mr. Deepak Kumar Agarwal**  
M/s SPS Steels Rolling Mills Limited,  
Add- Nasser Husain Avenue, PO- Bidhanagar,  
PS-Coke Oven, Dist.-Paschim Bardhaman, (WB)-713212.
- II. Industry category Primary- (Small) Secondary- (Green)
- III. Production category– **Iron & Steel.**
- IV. Year of establishment– (Our group has acquired this establishment in April 2019)
- V. Date of the last environmental statement submitted. – First Environmental Statement.

**PART –B**

Water and Raw Material Consumption:

i. Water consumption in m<sup>3</sup>/d

Process:

Cooling: 42.0 m<sup>3</sup>/d

Domestic: 3.0 m<sup>3</sup>/d

| Name of Products                   | Process water consumption (m <sup>3</sup> ) per unit of products |   |
|------------------------------------|--|---|
|                                    | During the previous financial year (2022-23)                     | During the current financial Year (2023-24) |
| INA/ISMB/ISMC through rolling Mill | Unit was not in operation  | 0.364                                       |



ii. Raw material consumption

| Name of raw material                | Name of Products | Consumption of raw material per unit of output (KG/T) |   |
|-------------------------------------|------------------|---|---|
|                                     |                  | During the previous financial year (2022-23)          | During the current financial year (2023-24) |
| <b>Unit-Structural Rolling Mill</b> |                  |   |   |
| MS Billet                           | INA/ISMB/ISMC    | Unit was not in operation                             | 1052  |

\*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

**PART-C**

**Pollution discharged to environment/unit of output**

| Pollutants                  | Quantity of Pollutants discharged (Kg/day) | Concentration of pollution discharged (mg/Nm3) | Percentage of variation from prescribed standards with reasons.         |
|-----------------------------|--|--|---|
| (a) Water                   | 0  | 0  | No industrial waste water being discharged outside the factory premises |
| (b) Air                     |  |  |   |
| Reverberatory Furnace stack | 4.015                                      | 13.24  | Below prescribed standards (Monitoring report attached)                 |

**PART-D**

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

| Hazardous Wastes                      | Total Quantity (MT)                          |   |
|---------------------------------------|--|---|
|                                       | During the previous financial year (2022-23) | During the current financial year (2023-24) |
| Used Oil From operation & maintenance | Unit was not in operation                    | Nil   |
| Cotton Waste from cleaning & mopping  | Unit was not in operation                    | Nil   |

**Note:** Used oil and waste cotton from cleaning and maintenance activities are collected stored and disposed-off in environment friendly manner to Authorized vendor.

**PART – E**

| Solid Wastes                                      | Total Quantity (MT)                           |  |
|---|---|--|
|   | During the previous financial year (2022-23). | During the current financial year (2023-24). |
| From process                                      | Unit was Not in Operation                     | 538  |
| From Pollution Control Facility                   |   | -  |
| Quantity recycled or re-utilized within the unit. |   | -  |
| Disposed  |   | -  |
| Solid given to end users                          |   | 538  |





**PART – F**

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

| Solid Waste Type | Quantity (TPA) | Disposal System   |
|------------------|----------------|---|
| Mill Scale       | 107            | Reused in SMS unit/sold to outside vendor for its end use |
| Miss Roll        | 166            |   |
| TMT End Cutting  | 265            |   |

**PART-G**

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

List of **Environment Management Program (EMPs)** are listed below -

| Description   | Expenditure for Pollution for Control measures on Conservation of Natural Resources (Rs. In Lakhs) |
|---|--|
| Total Cost towards Air Pollution Control Measures, Environmental Monitoring, EHS Management & Training, Waste Management System, Green Belt Development (Plantation & Plants Maintenance), CER etc. | 3  |

**PART – H**

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

Already included in **Part G**

**PART –I**

**MISCELLANEOUS:**

Any other particulars in respect of environmental protection and abatement of pollution.

- 1) Company is complying the directions given by the WBPCB.
- 2) Periodic Environmental monitoring being done by NABL accredited laboratory to evaluate the environmental status of the plant and surroundings.

Enclosure List:

- 1- Copy of stack monitoring report





# GREEN VISION

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board



TC-11003

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

## TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

|                                     |  |                                 |                  |
|-------------------------------------|--|---------------------------------|------------------|
| Sample is drawn by M/s. Greenvision |  | U.L.R. No. : TC110032400000387F |                  |
| Report No.                          | : GV/AR/24-25/028                      | Sample Ref. ID                  | : AS-072-2024(4) |
| Name of Customer                    | : M/s. SPS Steels & Rolling Mills Ltd. | Report Date                     | : 26.04.2024     |
| Address of Customer                 | : Nasser Hussain Avenue, Durgapur,     | Date of Sampling                | : 16.04.2024     |
|                                     | Pin : 713212, Paschim Bardhaman.       | Sample Received On              | : 16.04.2024     |
| Sample Description                  | : Stack Air                            | Analysis Started On             | : 17.04.2024     |
| Sampling Location                   | : Reverberatory Furnace                | Analysis Completed On           | : 17.04.2024     |
| Sample Condition                    | : In GMF Thimble                       | Time of Sampling                | : 10:35 am       |
| Sampling Method                     | : CPCB, Emission Regulation (Part III) |                                 |                  |
| Testing Location                    | : At Laboratory                        |                                 |                  |

### A. GENERAL INFORMATION ABOUT STACK

|   |                           |                       |           |
|---|---------------------------|-----------------------|-----------|
| 01. Particulars of plant                            | : Structural Rolling Mill |                       |           |
| 02. Stack connected to                              | : Reverberatory Furnace   |                       |           |
| 03. Material of construction                        | : M.S.                    |                       |           |
| 04. Shape of stack                                  | : Circular                |                       |           |
| 05. Height of stack from G.L (mtr)                  | : 32.0                    | from roof level (mtr) | : ---     |
| 06. Height of sampling from G.L (mtr)               | : 18.0                    | from L.D.Z (mtr)      | : ---     |
| 07. Internal stack diameter at sampling point (mtr) | : 0.8                     |                       |           |
| 08. Emission due to                                 | : Combustion of CBM Gas   |                       |           |
| 09. Steam generation capacity:                      | (rated) : ---             | (running) :           | ---       |
| 10. Load of source:                                 | (rated) : ---             | (running) :           | 20 MT/Hr. |

### B. FUEL CHARACTERISTIC REPORT

|                                     |                                |                                    |  |
|-------------------------------------|--------------------------------|------------------------------------|--|
| 01. Type of fuel used               | : CBM Gas                      |                                    |  |
| 02. Calorific value (K-Cal/Kg): --- | 03. Ash content (% by Wt): --- | 04. Sulphur content (% by Wt): --- |  |
| 05. Rated fuel consumption          | : ---                          |                                    |  |
| 06. Working fuel consumption        | : 10000 M <sup>3</sup> /Day    |                                    |  |

### C. RESULTS OF GASEUS EMISSION SAMPLING

|  |          | Test Method                              |
|--|----------|--|
| 01. Flue gas temperature (°C)                                  | 204      | CPCB, Emission Regulation (Part III)     |
| 02. Barometric pressure (mm of Hg)                             | 754.0    | CPCB, Emission Regulation (Part III)     |
| 03. Velocity of flue gas (m/sec)                               | 11.48    | CPCB, Emission Regulation (Part III)     |
| 04. Quantity of gas flow (Nm <sup>3</sup> /hr.)                | 12636.63 | CPCB, Emission Regulation (Part III)     |
| 05. Concentration of Particulate Matter (mg/ Nm <sup>3</sup> ) | 13.24    | IS:11255 (Part 1), 1985, Reaffirmed 2014 |
| 06. Particulate Matter normalized at 12% CO <sub>2</sub>       | ---      | Sec. 11 (Vol. 11.07) : 2017              |
| 07. Concentration of SO <sub>2</sub> (mg/ Nm <sup>3</sup> )    | ---      | IS:11255 (Part 2), 1985, Reaffirmed 2014 |
| 08. Concentration of NO <sub>2</sub> (mg/ Nm <sup>3</sup> )    | ---      | IS:11255 (Part 3), 2008                  |
| 09. Concentration of O <sub>2</sub> (% V/V)                    | 12.6     | IS:13270:1992, Reaffirmed 2014           |
| 10. Concentration of CO <sub>2</sub> (% V/V)                   | 6.4      | IS:13270:1992, Reaffirmed 2014           |
| 11. Concentration of CO (% V/V)                                | <0.2     | IS:13270:1992, Reaffirmed 2014           |

Pollution Control Device : Gravity Dust Settling Chamber & Recuperator.  
 Permanent Ladder and Platform : Yes

*S. Roy Chowdhury*  
 Reviewed by  
 (Sabyasachi Shyam Roy Chowdhury)  
 Quality Manager

*S. Roy Chowdhury*  
 (Sabyasachi Shyam Roy Chowdhury)  
 Quality Manager  
 Authorised Signatory  
 For, GREEN VISION

- Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.  
 2. All the information under column A & B are supplied by the respective industry.  
 3. This certificate may not be reproduced in part or full without written permission of the management.  
 4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.