

Ref: SPS-1/ES/2024-25

Date: 02 October, 2025

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

**Sub- Environmental Statement (FY:2024-25) of M/s SPS Steels Rolling Mills Limited,
Dr Zakir Hussain Avenue , G.T. Road (Indo American More) , Durgapur, PO-ABL
Sub- Post Office Dist.-Paschim Bardhaman-713206 (WB).**

Dear Sir,

Please find enclosed herewith the Environmental Statement (form-V) for financial year (2024-25) ending the 31st March 2025 of M/s SPS Steels Rolling Mills Limited, Dr Zakir Hussain Avenue, G.T. Road (Indo American More), Durgapur, PO-ABL Sub- Post Office Dist-Paschim Bardhaman for your kind consideration

Kindly acknowledge our submission.

Thanking you & with regards,

Yours faithfully

For SPS Steels Rolling Mills limited

(Authorized Signatory)

End: As above



Copy to:

The Deputy Director General of Forest (DDGF), GOI, MoEF&CC, Sub Office, Kolkata, IB-198,
Salt Lake City, Sector-III, Kolkata-700106

FORM-V

ENVIRONMENTAL STATEMENT

(See rule 14)

Environmental Statement for the financial year 2024-25 ending with 31st 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,
Dr. Zakir Hussain Avenue,
G. T. Road (Indo American More),
Durgapur, Dist. - Paschim Burdwan-713206 (WB)

II. Industry category Primary- (**Large**) Secondary- (**RED**)

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. – **25th September, 2024**

PART -B

Water and Raw Material Consumption:

i. Water consumption in m³/d

Process: --
Cooling: 848 m³/d
Domestic: 25 m³/d

Name of Products	Process water consumption (m ³) per unit of products	
	During the previous financial year (2023-24)	During the current financial Year (2024-25)
Sponge Iron	0.30 m ³ /T	0.27 m ³ /T
Billet	0.69 m ³ /T	0.44 m ³ /T
TMT Bar + Wire Rod	0.35 m ³ /T	0.36 m ³ /T



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 (2023-24)	During the current financial year (2024-25)
DRI Division			
Iron Ore	Sponge Iron	142	1017
Iron Ore Pellet		1286	604
Coal		1000	1001
Dolomite		43	59
SMS Division			
Sponge Iron	MS Billet	867	883
Pig Iron		155	153
MS Scrap		175	158
Ferro Shots		28	11
Silicon Manganese			15
Rolling Mill Division			
MS Billet	TMT Bar	1042	1034

*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 discharge outside the Factory Premises
(b) Air			
DRI (2x40 TPD)	8.1	19.96	Within prescribed standards (Monitoring reports attached)
DRI (1x100 TPD)	12.0	24.67	
Cooler Discharge	7.1	29.24	
Product House	6.0	24.94	
IF (3 x 20T)	18.9	28.45	
IF (2 x 20T)	12.0	23.74	



PART-D

As specified under Hazardous and other Wastes (Management & Transboundary Movement) rules 2016

Hazardous Wastes	Total Quantity (MT)		Form- 4 Attached
	During the previous financial year (2023-24)	During the current financial year (2024-25)	
Used Oil From operation & maintenance	0.836	1.041	
Cotton Waste from cleaning & mopping	0.34	0.280	

PART – E

Solid Wastes	Total Quantity (MT)	
	During the previous financial year (2023-24).	During the current financial year (2024-25).
From process	59837	72381
From Pollution Control Facility	12579	11028
Quantity recycled or re-utilized within the unit.	10675	15908
Disposed	40586	49258
Solid given to end users	21154	18244

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
Dolochar	15804	Being Sold to CPP units for power generation
ESP Dust from DRI	6914	Used for land filling
BF flue Dust from DRI	2443	Used for land filling after metal recovery
MS Scrap from SMS	1371	Reused in SMS
IF Slag	40670	Used for Road Construction and land filling
BF dust from Induction Furnace	1674	Used for land filling
End cuts, Miss-roll RMD	10017	Reused in SMS



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) etc.	145

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) We are complying all the directions given by the WBPCB, and getting regular Water & Air consents.
- 2) Periodic Environmental monitoring being done by NABL accredited laboratory to evaluate the environmental status of the plant and surroundings.

Enclosure List:

- 1- Copies of Env. Monitoring Report
- 2- Hazardous Waste Return (Form-4)





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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



TC-15288

TEST REPORT OF STACK GAS ANALYSIS

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

Sample is drawn by M/s. Greenvision		U.L.R. No. : TC152882500000048F	
Report No.	: GV/AR/24-25/578	Sample Ref. ID	: AS-014-2025(5)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd.(Unit-I)	Report Date	: 17.03.2025
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur,	Date of Sampling	: 04.03.2025
	Pin : 713206, Paschim Bardhaman.	Sample Received On	: 04.03.2025
Sample Description	: Stack Air	Analysis Started On	: 05.03.2025
Sampling Location	: 2 X 100 TPD Rotary Kiln	Analysis Completed On	: 05.03.2025
Sample Condition	: In GMF Thimble & Plastic Bottles	Time of Sampling	: 10:20 am
Sampling Method	: CPCB, Emission Regulation (Part III)		
Testing Location	: At Laboratory		

A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (DRI Plant)		
02. Stack connected to	: 2 X 100 TPD Rotary Kiln		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 30.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 22.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 1.0		
08. Emission due to	: Reduction of Iron Ore & Oxidation of Coal		
09. Steam generation capacity:	(rated) : ---	(running) : ---	
10. Load of source:	(rated) : 2 X 100 TP	(running) : I.O. : 5.5 MT/Hr.	

B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: Coal		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: 4.8 TPH		

C. RESULTS OF GASEOUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ($^{\circ}\text{C}$)	121	CPCB, Emission Regulation (Part III)
02. Barometric pressure (mm of Hg)	751.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m/sec)	9.98	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow ($\text{Nm}^3/\text{hr.}$)	20246.54	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/Nm^3)	24.67	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO_2	29.02	Sec. 11 (Vol. 11.07) : 2017
07. Concentration of SO_2 (mg/Nm^3)	184.82	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO_2 (mg/Nm^3)	94.56	IS:11255 (Part 3), 2008
09. Concentration of O_2 (% V/V)	10.4	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO_2 (% V/V)	10.2	IS:13270:1992, Reaffirmed 2014
11. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014
Pollution Control Device	: ESP	
Permanent Ladder and Platform	: Yes	

Reviewed by
(Sabyasachi Shyam Roy Chowdhury)
Quality Manager

(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.



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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



TC-15288

TEST REPORT OF STACK GAS ANALYSIS

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

Sample is drawn by M/s. Greenvision		U.L.R. No. : TC152882500000049F	
Report No.	: GV/AR/24-25/579	Sample Ref. ID	: AS-014-2025(6)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd.(Unit-I)	Report Date	: 17.03.2025
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 04.03.2025
		Sample Received On	: 04.03.2025
Sample Description	: Stack Air	Analysis Started On	: 05.03.2025
Sampling Location	: 2 X 40 TPD Rotary Kiln	Analysis Completed On	: 05.03.2025
Sample Condition	: In GMF Thimble & Plastic Bottles	Time of Sampling	: 12:05 pm
Sampling Method	: CPCB, Emission Regulation (Part III)		
Testing Location	: At Laboratory		

A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (DRI Plant)		
02. Stack connected to	: 2 Nos. 40 TPD Rotary Kiln		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 30.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 24.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 1.0		
08. Emission due to	: Reduction of Iron Ore & Oxidation of Coal		
09. Steam generation capacity:	(rated) : ---	(running) : ---	
10. Load of source:	(rated) : 2 X 40 TPD	(running) : I.O. : 2.4 MT/Hr./Kiln	

B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used			: Coal
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: 2.0 MT/Hr./Kiln		

C. RESULTS OF GASEOUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ($^{\circ}\text{C}$)	112	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)	8.13	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow ($\text{Nm}^3/\text{hr.}$)	16894.72	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/Nm^3)	19.96	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO_2	23.95	Sec. 11 (Vol. 11.07) : 2017
07. Concentration of SO_2 (mg/Nm^3)	158.74	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO_2 (mg/Nm^3)	82.28	IS:11255 (Part 3), 2008
09. Concentration of O_2 (% V/V)	10.8	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO (% V/V)	10.0	IS:13270:1992, Reaffirmed 2014
11. Concentration of CO_2 (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014
Pollution Control Device	: ESP	
Permanent Ladder and Platform	: Yes	

Reviewed by
(Sabyasachi Shyam Roy Chowdhury)
Quality Manager

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

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City Office : 84/10, Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173

Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001



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TC-15288

TEST REPORT OF STACK GAS ANALYSIS

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

Sample is drawn by M/s. Greenvision		U.L.R. No. : TC152882500000050F	
Report No.	: GV/AR/24-25/580	Sample Ref. ID	: AS-014-2025(7)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd.(Unit-I)	Report Date	: 17.03.2025
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 04.03.2025
Sample Description	: Stack Air	Sample Received On	: 04.03.2025
Sampling Location	: Product House (DRI Kiln)	Analysis Started On	: 05.03.2025
Sample Condition	: In GMF Thimble	Analysis Completed On	: 05.03.2025
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 01:50 pm
Testing Location	: At Laboratory		

A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (DRI Plant)		
02. Stack connected to	: Product House		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 30.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 20.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 0.8		
08. Emission due to	: Process Activities		
09. Steam generation capacity: (rated)	: ---	(running)	: ---
10. Load of source: (rated)	: ---	(running)	: ---

B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: ---		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: ---		

C. RESULTS OF GASEOUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature (°C)	39	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)	6.57	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (Nm ³ /hr.)	9984.62	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/ Nm ³)	24.94	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO ₂	---	Sec. 11 (Vol. 11.07) : 2017
07. Concentration of SO ₂ (mg/ Nm ³)	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO ₂ (mg/ Nm ³)	---	IS:11255 (Part 3), 2008
09. Concentration of O ₂ (% V/V)	20.4	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO ₂ (% V/V)	---	IS:13270:1992, Reaffirmed 2014
11. Concentration of CO (% V/V)	<0.2	IS:13270:1992, Reaffirmed 2014
Pollution Control Device	: Bag Filter	
Permanent Ladder and Platform	: Yes	

Reviewed by
(Sabyasachi Shyam Roy Chowdhury)
Quality Manager

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

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TC-15288

TEST REPORT OF STACK GAS ANALYSIS

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

Sample is drawn by M/s. Greenvision		U.L.R. No. : TC152882500000051F	
Report No.	: GV/AR/24-25/581	Sample Ref. ID	: AS-014-2025(8)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd.(Unit-I)	Report Date	: 17.03.2025
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 04.03.2025
Sample Description	: Stack Air	Sample Received On	: 04.03.2025
Sampling Location	: Cooler Discharge	Analysis Started On	: 05.03.2025
Sample Condition	: In GMF Thimble	Analysis Completed On	: 05.03.2025
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 03:35 pm
Testing Location	: At Laboratory		

A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (DRI Plant)		
02. Stack connected to	: Cooler Discharge		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 30.0	from roof level (mtr)	: ---
06. Height of sampling from G.L (mtr)	: 10.0	from L.D.Z (mtr)	: ---
07. Internal stack diameter at sampling point (mtr)	: 0.6		
08. Emission due to	: Process Activities		
09. Steam generation capacity:	(rated) : ---	(running) :	---
10. Load of source:	(rated) : ---	(running) :	---

B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used				:	---
02. Calorific value (K-Cal/Kg): ---		03. Ash content (% by Wt): ---		04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption				:	---
06. Working fuel consumption				:	---

C. RESULTS OF GASEUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature (°C)	45	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)	9.91	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (Nm³/hr.)	10114.64	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/ Nm³)	29.24	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO₂	---	Sec. 11 (Vol. 11.07) : 2017
07. Concentration of SO₂ (mg/ Nm³)	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO₂ (mg/ Nm³)	---	IS:11255 (Part 3), 2008
09. Concentration of O₂ (% V/V)	20.4	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO₂ (% V/V)	---	IS:13270:1992, Reaffirmed 2014
11. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device	: Bag Filter
Permanent Ladder and Platform	: Yes

Reviewed by
(Sabyasachi Shyam Roy Chowdhury)
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)
Quality Manager
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TC-15288

TEST REPORT OF STACK GAS ANALYSIS

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

Sample is drawn by M/s. Greenvision		U.L.R. No. : TC152882500000061F	
Report No.	: GV/AR/24-25/582	Sample Ref. ID	: AS-014-2025(9)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd.(Unit-I)	Report Date	: 17.03.2025
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 05.03.2025
Sample Description	: Stack Air	Sample Received On	: 05.03.2025
Sampling Location	: Induction Furnace	Analysis Started On	: 06.03.2025
Sample Condition	: In GMF Thimble	Analysis Completed On	: 06.03.2025
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 09:35 am
Testing Location	: At Laboratory		

A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (SMS)
02. Stack connected to	: 3 Nos. Induction Furnace
03. Material of construction	: M.S.
04. Shape of stack	: Circular
05. Height of stack from G.L (mtr)	: 30.0 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)	: 1.0
08. Emission due to	: Melting of Sponge, Pig Iron & Scrap
09. Steam generation capacity: (rated)	: --- (running) : ---
10. Load of source: (rated)	: 3 X 20 MT/Heat (running) : 3 X 20 MT/Heat

B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: Electricity	
02. Calorific value (K-Cal/Kg): ---	03.Ash content (% by Wt): ---	04.Sulphur content (% by Wt): ---
05. Rated fuel consumption	: ---	
06. Working fuel consumption	: ---	

C. RESULTS OF GASEUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ($^{\circ}$ C)	76	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)	9.87	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow ($\text{Nm}^3/\text{hr.}$)	27624.87	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/Nm^3)	28.45	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO_2	---	Sec. 11 (Vol. 11.07) : 2017
07. Concentration of SO_2 (mg/Nm^3)	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO_2 (mg/Nm^3)	---	IS:11255 (Part 3), 2008
09. Concentration of O_2 (% V/V)	18.2	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO_2 (% V/V)	2.0	IS:13270:1992, Reaffirmed 2014
11. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device	: Bag Filter
Permanent Ladder and Platform	: Yes

Reviewed by
(Sabyasachi Shyam Roy Chowdhury)
Quality Manager

(Sabyasachi Shyam Roy Chowdhury)
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4. Retention period of tested sample (Thimble) is 6 months from the date of issue test report unless otherwise specified.



GREEN VISION

(A leading environmental research laboratory)

Recognized by West Bengal Pollution Control Board

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



TC-15288

TEST REPORT OF STACK GAS ANALYSIS

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

Sample is drawn by M/s. Greenvision		U.L.R. No. : TC152882500000062F	
Report No.	: GV/AR/24-25/583	Sample Ref. ID	: AS-014-2025(10)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd.(Unit-I)	Report Date	: 17.03.2025
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 05.03.2025
Sample Description	: Stack Air	Sample Received On	: 05.03.2025
Sampling Location	: Induction Furnace	Analysis Started On	: 06.03.2025
Sample Condition	: In GMF Thimble	Analysis Completed On	: 06.03.2025
Sampling Method	: CPCB, Emission Regulation (Part III)	Time of Sampling	: 11:15 am
Testing Location	: At Laboratory		

A. GENERAL INFORMATION ABOUT STACK

01. Particulars of plant	: Integrated Steel Plant (SMS)		
02. Stack connected to	: 2 Nos. Induction Furnace		
03. Material of construction	: M.S.		
04. Shape of stack	: Circular		
05. Height of stack from G.L (mtr)	: 30.0	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)	: 1.0		
08. Emission due to	: Melting of Sponge, Pig Iron & Scrap		
09. Steam generation capacity:	(rated) : ---	(running) : ---	
10. Load of source:	(rated) : 2 X 20 MT/Heat	(running) : 2 X 20 MT/Heat	

B. FUEL CHARACTERISTIC REPORT

01. Type of fuel used	: Electricity		
02. Calorific value (K-Cal/Kg): ---	03. Ash content (% by Wt): ---	04. Sulphur content (% by Wt): ---	
05. Rated fuel consumption	: ---		
06. Working fuel consumption	: ---		

C. RESULTS OF GASEOUS EMISSION SAMPLING

		Test Method
01. Flue gas temperature ($^{\circ}$ C)	71	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)	8.04	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow ($\text{Nm}^3/\text{hr.}$)	20989.42	CPCB, Emission Regulation (Part III)
05. Concentration of Particulate Matter (mg/Nm^3)	23.74	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter normalized at 12% CO_2	---	Sec. 11 (Vol. 11.07) : 2017
07. Concentration of SO_2 (mg/Nm^3)	---	IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO_2 (mg/Nm^3)	---	IS:11255 (Part 3), 2008
09. Concentration of O_2 (% V/V)	18.6	IS:13270:1992, Reaffirmed 2014
10. Concentration of CO_2 (% V/V)	1.8	IS:13270:1992, Reaffirmed 2014
11. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014

Pollution Control Device	: Bag Filter
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

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FORM 4
[See rules 6(5), 13(8), 16(6) and 20 (2)]
Annual Return
under

Hazardous & Other Wastes(Management & Transboundary Movement) Rules, 2016
Transboundary Movement) Rules, 2016

To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April to March

Return No : 6757464

Period : 2024-2025

1. Name of facility/Industry Industry Address of facility/Industry	SPS STEELS ROLLING MILLS LTD. Dr. ZAKIR HUSSAIN AVENUE, G T ROAD, (INDO AMERICAN MORE), DURGAPUR, PO-ABL SUB POST OFFICE DURGAPUR, DIST-PASCHIM BARDHAMAN (WB)			
2. UID	WB0149054222			
3. Authorisation No Date of issue: Date of Expiry	161/2S(HW)-2882/2012 31/10/2023 30/11/2027			
4. (i) Name of the authorised person & Designation	Deepak Kumar Agrawal Director			
(ii) Correspondence Address	Dr. ZAKIR HUSSAIN AVENUE, G T ROAD, (INDO AMERICAN MORE), DURGAPUR, PO-ABL SUB POST OFFICE DURGAPUR, DIST-PASCHIM BARDHAMAN (WB)-713206			
(iii) Mobile No	9233331111			
(iv) Land Line No (with area code)	0343-66255252			
(iv) Fax number (with area code)				
(vi) e-mail	emd.sipl@shakambharigroup.in			
(vii) Type of HW Handler	Generator			
(viii) If involved in Interstate Movement of HW	Yes			
5. Production during the year (product wise), wherever applicable	Sr.no	Product Name	Quantity	Unit
	1	SPONGE IRON	65849	Metric Ton
	2	M.S. BILLET	274418	Metric Ton
	3	TMT BAR & WIRE ROD	222608	Metric Ton

Part A. To be filled by hazardous waste generators											
S r. n o	Name of Process	Cate gory	Waste Stream	Unit	Quantit y in stock at the beginnin g of the year	Total quantity of waste generate d	Quantit y dispatch ed to disposal facility	Quantit y dispatch ed to recycler or co-processors or pre-processor	Quantit y dispatch ed to others	Quantit y utilised in house	Quantit y in storage at the end of the year

1	Schedule I - 13. Production of iron and steel including other ferrous alloys (electric furnaces; steel rolling and finishing mills; Coke oven and by product plant)	Used Oil	5.1	Metric Ton	0 Metric Tonnes/Y ear	1.041 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	1.041 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear
2	Schedule I - 36. Purification process for organic compounds/solvents	Spent carbon or filter medium	36.2	Metric Ton	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear
3	Schedule I - 13. Production of iron and steel including other ferrous alloys (electric furnaces; steel rolling and finishing mills; Coke oven and by product plant)	Used Cotton	5.2	Metric Ton	0 Metric Tonnes/Y ear	0.28 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0.28 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear

Part B. To be filled by Treatment, storage and disposal facility operators

Sr. no	Name of Process	Category	Waste Stream	Unit	Quantity in stock at the beginning of the year	Total quantity received	Quantity treated	Quantity disposed in landfills as such and after treatment	Quantity incinerated (If applicable)	Quantity processed other than specified above	Quantity in storage at the end of the year
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Part C. To be filled by recyclers or co-processors or other users

Sr. no	Name of Process	Category	Waste Stream	Unit	Quantity in stock at the beginning of the year	Quantity of waste received during the year from Domestic sources	Quantity of waste received during the year Imported	Quantity recycled or co-processed or used	Quantity re-exported (wherever applicable)	Quantity in storage at the end of the year
Whether Importing Other Wastes						Not-Selected				

Part D. Details of Interstate Movement

Sr.no	Name of Industry (Within State)	District	Receiving/Sending	Name of Industry (Other State)	State	Type of Waste	Qty.(MTA)	Purpose (Recycling/Disposal/Incineration)
1	SPS STEELS ROLLING MILLS LTD.	PASCHIM BARDHAMAN	Sending	NILAYNAR AYAN POLCHEM LLP	JHARKHAND	USED OIL	1.041 MTA	Recycling

Part D. Details of Import of Other Waste Import & Recycling					
Sr.no	Name of the Importer)	Imported from (country name)	Type of Other waste	Quantity Imported (MTA)	Quantity Recycled (MTA)

Date :16/05/2025

Place : Paschim Bardhaman

DEEPAK KUMAR AGARWAL

Name of the Occupier or Operator of the disposal facility