

Ref.: ESPL/ES/2024-25

DATE: 01.10.2025

The Environmental Engineer

West Bengal Pollution Control Board
Asansol Regional Office,
Kalyanpur Satellite Township Project (KSTP),
Dr. B.C. Roy Road, PO- Dakshin Dhadka, Asansol-713302
Dist.- Paschim Bardhaman

Sub: Environmental Statement (FY-2024-25) of M/s Eloquent Steel Pvt. Limited, Vill -Nakrajoria, PO& PS-Salanpur, Dist.- Paschim Bardhaman (WB)-713357

Dear Sir

With reference to above subject we are submitting Environmental Statement (Form-V) for financial year (2024-25) ending 31st March 2025 of M/s Eloquent Steel Pvt. Ltd., Vill-Nakrajoria, PO&PS-Salanpur, Dist.-Paschim Bardhaman (WB) for your kind consideration please.

Kindly acknowledge our submission.

Thanking you and with regards,

Yours faithfully

For **Eloquent Steel Pvt. Limited**

(Authorized Signatory)



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 Eloquent Steel Pvt. Limited
Vill. & PO. – Nakraoria, PS – Salanpur,
Dist. – Paschim Burdwan (WB)-713357

ii. Industry category Primary – **Large Secondary – Red**

iii. Production category – **Iron & Steel**

iv. Year of establishment – (Our Group has acquired this establishment in Sept- 2017)

v. Date of the last environmental statement submitted: 24.09.2024

PART – B

Water and Raw Material Consumption:

i. Water consumption in m³/day

Process: -
Cooling: 889 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)
Silico-Manganese & Ferro Manganese	1.37 m ³ /T	1.24 m ³ /T
M.S Billet	SMS unit was not in operation in this period	0.68 m ³ /T
Rolled Product	Rolling Mill was not commissioning in this Period.	0.43 m ³ /T



ii. Raw material consumption

Name of raw materials*	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)
FERRO Division			
Manganese Ore	Silico- Manganese, Ferro Manganese, HC Ferro Chrome	1625	1956
Ferro Manganese Slag		414	387
Coal +Coke		559	553
Dolomite		74	59
Chrome Ore		207	-
Magnesite		8	-
Gravel		255	-
Electrode Paste		19	15
SMS Division			
Sponge Iron	MS Billet	SMS unit was not in operation in period	853
Scrap			168
Pig Iron			177
Ferro Shots			15
Ferro alloys			16
Rolling Mill Division			
MS Billet	MS Rolled Product	Rolling Mill was not commissioning in this Period.	1037
Sinter Plant	Sinter	Sinter plant was not commissioning in this Period.	Sinter plant was not in operation in Period.
Briquette plant	Briquette	Briquette plant was not commissioning in this Period.	Briquette plant was not in operation in Period.

* 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
(Parameter as specified in the consent issued)

Pollutants	Quantity of pollutants discharge (kg/Day)	Concentration of Pollutants discharged (mg/Nm ³)	Percentage of variation from prescribed standards with reasons
a) Water	0	0	No industrial waste water discharge outside the factory premises
b) Stack Emission			
PM SAF (NO-1) 5.5 MVA	32.66	25.11	Within specified limit
PM SAF (NO-2) 7.5 MVA	31.54	24.89	
PM SAF (NO-3) 7.5 MVA	40.35	27.34	
PM SAF (NO-4) 7.5 MVA	52.95	24.09	



PART – D

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

Hazardous Wastes	Total Quantity (MT)	
	During previous financial year (2023-24)	During the current financial year (2024-25)
From Process	1.246	0.320
From Pollution Control Facilities	0.110	0.140

PART – E

Solid Wastes	Total Quantity (MT)	
	During the previous financial year (2023-24)	During the current financial year (2024-25)
From Process	39444	69166
From Pollution Control Facilities	1587	2462
Quantity recycled or reutilized within the unit	11573	28827
Disposed	29458	42801
Sold		

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
Silico-Manganese Slag	24640	Being used as aggregate material for land filling & road making
Ferro Manganese Slag	19088	Being used for the production of Silico manganese
Induction Furnace Slag	17794	Being used as aggregate material for land filling & road making after metal recovery
BF flue Dust from Ferro	2096	Reused in process
BF flue dust from SMS	366	Used for land filling
MS Scrap & Mill Skull	2415	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 Environmental Management Programme (EMPs) are given below-

Description	Expenditure for Pollution 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 & Plant Maintenance) etc.	182.00

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 with the directions given by the WBPCB, and getting regular Air & Water consents.
- (2) Periodic Environmental Monitoring being done by NABL accredited laboratory to ascertain the efficiency of pollution control systems installed.

Enclosure List:

- 1) Copies of monitoring report.
- 2) Copy of Annual Return form-4





ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB
Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO.- NABET/EIA/2326/IA 0117)
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



TC-6014

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	:	Eloquent Steel Pvt. Ltd.	Type of Industry	:	Ferro Alloy and SMS Unit
Address	:	Vill. – Nakrajoria, P.O. + P.S. – Salanpur, Dist. – Paschim Bardhaman	Sampling Date	:	04.02.2025
			Period of Analysis	:	18.02.2025 – 19.02.2025
			Date of Issue	:	21.02.2025
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/26/Feb./A/II
			Report No.	:	ENV/26/Feb./TR(A)/II/24-25

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	SEAF - No.1
Shape of Stack	:	Circular
Materials of Construction	:	M.S.
Capacity	:	5.5 MVA
Emission Due to	:	Reduction of Mn-Ore
Fuel Used	:	Electrically Operated
Working Fuel Consumption	:	Nil
Pollution Control Device	:	F. D. Cooler and Pulse Jet Bag Filter
Height of Stack (mtr.) (from G. L.)	:	36.0
Stack I.D. at sampling point (mtr.)	:	1.6
Height of sampling port (mtr.) (from G.L.)	:	30.0
Permanent Platform & Ladder	:	Yes

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) : 2019	264.06
2.	Concentration of CO ₂	% (v/v)	IS 13270 : 2019	2.2
3.	Concentration of CO	% (v/v)	IS 13270 : 2019	<1.0
4.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part – 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	25.11

Remarks : Result relates only to the sample tested.

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. Ajoy Paul

Dr. AJOY PAUL
Quality Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 Ph. 25497490
Laboratory : 189, 190, 192, & 51, Rastraguru Avenue, Kolkata -700028
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			Period of Analysis	:	18.02.2025 - 19.02.2025
			Date of Issue	:	21.02.2025
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/26/Feb./A/III
			Report No.	:	ENV/26/Feb./TR(A)/III/24-25

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	SEAF - No.2
Shape of Stack	:	Circular
Materials of Construction	:	M.S.
Capacity	:	7.5 MVA
Emission Due to	:	Reduction of Mn-Ore
Fuel Used	:	Electrically Operated
Working Fuel Consumption	:	Nil
Pollution Control Device	:	F. D. Cooler and Pulse Jet Bag Filter
Height of Stack (mtr.) (from G. L.)	:	36.0
Stack I.D. at sampling point (mtr.)	:	2.0
Height of sampling port (mtr.) (from G.L.)	:	30.0
Permanent Platform & Ladder	:	Yes

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) : 2019	309.60
2.	Concentration of CO ₂	% (v/v)	IS 13270 : 2019	2.6
3.	Concentration of CO	% (v/v)	IS 13270 : 2019	<1.0
4.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part - 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	24.89

Remarks : Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. AJAY PAUL
 Quality Manager

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			Period of Analysis	:	18.02.2025 – 19.02.2025
			Date of Issue	:	21.02.2025
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/26/Feb./A/I
			Report No.	:	ENV/26/Feb./TR(A)/I/24-25

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	SEAF - No.3
Shape of Stack	:	Circular
Materials of Construction	:	M.S.
Capacity	:	7.5 MVA
Emission Due to	:	Reduction of Mn-Ore
Fuel Used	:	Electrically Operated
Working Fuel Consumption	:	Nil
Pollution Control Device	:	F. D. Cooler and Pulse Jet Bag Filter
Height of Stack (mtr.) (from G. L.)	:	36.0
Stack I.D. at sampling point (mtr.)	:	1.50
Height of sampling port (mtr.) (from G.L.)	:	30.0
Permanent Platform & Ladder	:	Yes

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) : 2019	380.40
2.	Concentration of CO ₂	% (v/v)	IS 13270 : 2019	2.4
3.	Concentration of CO	% (v/v)	IS 13270 : 2019	<1.0
4.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part – 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	27.34

Remarks : Result relates only to the sample tested.

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorised Signatory :

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TC-6014

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			Period of Analysis	:	18.02.2025 – 19.02.2025
			Date of Issue	:	21.02.2025
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/26/Feb./A/IV
			Report No.	:	ENV/26/Feb./TR(A)/IV/24-25

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	SEAF - No.4
Shape of Stack	:	Circular
Materials of Construction	:	M.S.
Capacity	:	7.5 MVA
Emission Due to	:	Reduction of Mn-Ore
Fuel Used	:	Electrically Operated
Working Fuel Consumption	:	Nil
Pollution Control Device	:	F. D. Cooler and Pulse Jet Bag Filter
Height of Stack (mtr.) (from G. L.)	:	36.0
Stack I.D. at sampling point (mtr.)	:	2.0
Height of sampling port (mtr.) (from G.L.)	:	30.0
Permanent Platform & Ladder	:	Yes

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) : 2019	268.64
2.	Concentration of CO ₂	% (v/v)	IS 13270 : 2019	2.6
3.	Concentration of CO	% (v/v)	IS 13270 : 2019	<1.0
4.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part – 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	24.09

Remarks : Result relates only to the sample tested.

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

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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 : 6776161

Period : 2024-2025

1. Name of facility/Industry Industry Address of facility/Industry	Eloquent Steel Pvt.Ltd Vill-Nakrajoria, PO & PS-Salanpur, Dist-Paschim Bardhaman (WB),Pin-713357			
2. UID	WB0299870865			
3. Authorisation No Date of issue: Date of Expiry	192/2S(HW)-4528/2022 29/09/2022 31/07/2027			
4. (i) Name of the authorised person & Designation	Deepak Kumar Agrawal Director			
(ii) Correspondence Address	Vill-Nakrajoria, PO & PS-Salanpur, Dist-Paschim Bardhaman (WB),PIN-713357			
(iii) Mobile No	9233331111			
(iv) Land Line No (with area code)	0343-66255252			
(iv) Fax number (with area code)				
(vi) e-mail	emd.sipl@shakambhargroup.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	M.S. BILLET	119176	Metric Ton
	2	Fe-Mn	26564	Metric Ton
	3	Si-Mn	25980	Metric Ton
	4	M.S. Rolled Product	102001	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	0.32 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0.32 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear
2	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	0.14 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0 Metric Tonnes/Y ear	0.14 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	Eloquent Steel Pvt. Ltd	Paschim Bardhaman	Sending	Nilay Narayan Ploychem LLP	Jharkhand	Used Oil	0.320 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)
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Date :16/05/2025

Place : *Paschim Bardhaman*

DEEPAK KUMAR AGARWAL

**Name of the Occupier or Operator of the
disposal facility**