Aloke Steels Industries Private Limited

REGD OFFICE : OPP. ASHOK CINEMA,
RANCHI ROAD, MARAR -829 117
DIST. - RAMGARH (JHARKHAND)

CIN : U27103JH2004PTC010725

Email : *asipl.ramgarh@gmail. com*

WORKS :
Vill : Budhakhap
Post : Karma -829137
Dist.-Ramgarh,(Jharkhand)

Ref. No..... O/C

Date.....

ASIPL/2024-25

28/09/2024

To,
The Member Secretary,
Jharkhand State Pollution Control Board,
HEC Campus, TA Division Building,
Durwa, Ranchi - 834 004.
Jharkhand

Sub: Submission of Environmental Statement Report from the period of April 2023 to March 2024.

Ref.:- CTO Ref. No. – JSPCB/HO/RNC/CTO-16690006/2023/2122, Dated 27/12/2023.

Dear Sir,

With reference to the above, we are enclosing herewith the Environmental Statement Report from the period of April 2023 to March 2024.

Please find above in order and do the needful.

Thanking you,

Yours faithfully,
For ALOKE STEELS INDUSTRIES PVT LTD.

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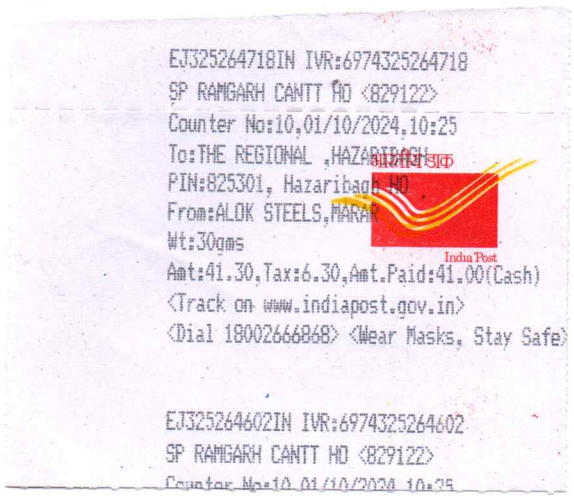
Director

Encl: As above.



Cc to: - Regional Officer, Regional Office, State Pollution Control Board, Hazaribagh (Jharkhand)

JHARKHAND STATE POLLUTION CONTROL BOARD ★ RANCHI ★ JSPCB 30/9/2024

ENVIRONMENTAL STATEMENT
Aloke Steels Industries Private Limited
Period from: April 2023 to March 2024

FORM – V

PART – A

1.	Name and address of the Owner / Occupier of the Industry operation or process	Aloke Steels Industries Pvt. Ltd. Occupier name – Kamendra Mishra Village – Budhakhap, P.O. – Digwar, Dist. – Ramgarh, Jharkhand – 829137
2.	Industry Category Primary (S.T.C. Code) Secondary (S.T.C. Code)	Red Category
3.	Production Capacity	Sponge Iron – 400 TPD
4.	Year of Establishment	06.05.2004
5.	Date of the last Environmental Statement Submitted	20/09/2023

PART – B

WATER AND RAW MATERIAL CONSUMPTION

(I) Water consumption in m3/day:

Process & Cooling : 255.04 m3/day

Domestic : 7.89 m3/day

Name of Product	Process Water Consumption per Unit of Product Output	
	During Previous Financial Year (2022-23)	During Current Financial Year (2023-24)
Sponge Iron	0.92	0.91

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(II) RAW MATERIAL CONSUMPTION:

Name of Raw Material	Name of Product	Consumption of Raw Material Per Unit of Output	
		During Current Financial Year (2022-23)	During Current Financial Year (2023-24)
Iron ore/ Iron Ore Pellet	Sponge Iron	2.14	2.04
Dolomite		0.02	0.03
Coal		1.23	1.16

(III) POWER CONSUPTION (KWH/MT of Sponge Iron):

During Previous Financial Year (2022-23)	During Current Financial Year (2023-24)
72.48	73.73

(IV) TOTAL PRODUCTION (MT):

During Previous Financial Year (2022-23)	During Current Financial Year (2023-24)
94018.00	101984.00

PART – C

DISCHARGED TO ENVIRONMENTAL / UNIT OF OUTPUT

Pollutants	Quantity of Pollutants Discharged (Mass/Day)	Concentration of Pollutants in Discharge (Mass/Volume)	Percentage of variation from prescribed standard with reasons
(a) Water	• No industrial effluent is generated. In compliance to Zero Liquid Discharge (ZLD), the web camera and flow meter are also installed with online monitoring facilities. • The waste water generated from the office toilet and mess has been discharged via septic tank and soaks pits.		
(b) Air	• Online continuous emission monitoring system of PM & SO2 are installed with web connectivity with CPCB & SPCB. • Continuous Ambient Air Quality Monitoring System (CAAQMS) PM 10, PM2.5, SO2 & NOx parameter are installed.		

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PART – D

HAZARDOUS WASTE

(As specified under Hazardous Wastes (Management, Handling & Trans boundary Movement Rule, 2010)

Hazardous Waste	Total Quantity (Ltrs.)	
	During Current Financial Year (2022-23)	During Current Financial Year (2023-24)
a)From Process	Used gear oil and lubricant are stored in drum and used in different Chain Drive within plant campus. Hazardous waste authorization issued vide letter no JSPCB / HO/RNC/HWM-8150679/ 2021/13 dated 04/03/2021 valid up to 07/08/2025.	Used gear oil and lubricant are stored in drum and used in different Chain Drive within plant campus. Hazardous waste authorization issued vide letter no JSPCB / HO /RNC/HWM-8150679/2021/13 dated 04/03/2021 valid up to 07/08/2025.
(b) From Pollution Control Facilities	Not applicable	Not applicable

PART – E
SOLID WASTE

		Total Quantity (MT)	
		During Previous Financial Year (2022-23)	During Current Financial Year (2023-24)
(a)	From Process		
	1) Dolachar (Coal Chai)	149124.00	48282.03
	2) Other waste	13210.250	48949.00
	3) Iron Ore fines	19940	20091
(b)	Quantity recycled or re- utilized within the unit		
	1) Sold	159572.790	61443.94
	2) Dispose	-	-

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 the categories of wastes.

- Used gear oil and lubricant are stored in drum and used in different Chain Drive within plant campus.
- Coal Char (Chhai) and other wastes, the solid waste generated in process are being sold at present, the earlier stock of coal char are also being sold as per demand.

PART – G

Impact Of The Pollution Control Measures On Conservation Of Natural Resources And Consequently On The Cost Of Production

- Unit has installed four numbers of ESP to control stack emission.
- Unit has installed ten numbers of bag filters at various material transfer points to control fugitive emissions.
- Unit has installed eighty numbers of water sprinklers at various places within plant premises to control dust emission / fugitive emission from haul roads.
- All conveyor belts are covered with M.S.Plate.
- All raw materials are kept in covered shed.

PART – H

Additional Measures/Investments Proposal For Environment Protection Including Abatement of Pollution

- Plantation are made at plant site besides the boundary. We are also doing support for plantation in nearby village during rainy season every year. New plantations are also made every year in the plant during rainy season.
- ToR issued vide letter no F.No.IA-J-11011/205/2016-IA-II(IND-I) dt– 18th Jan,2024.

PART – I

Any other particulates for improving the quality of environment

- Unit has installed two numbers of online Continuous Emission Monitoring System (CEMS) for measurement of particulate matter (PM) & SO2.
- The web camera & flow meter has installed with online monitoring facilities.
- Continuous Ambient Air Quality Monitoring System (CAAQMS) PM 10 parameter has installed with online monitoring facilities.
- PM 2.5, SO2 & NOx- CAAQMS Parameter installed.
- Unit has installed Telemetry System at One no. of Bore well and piezometer.
- The nine numbers of CCTV cameras has been installed within plant premises to monitor the operationalization status of Air pollution Control Devices.

कार्मेश कुमार मिश्र