BALMUKUND
SPONGE & IRON PVT. LTD.
18, R. N. Mukherjee Road, (1st Fl.), Kolkata-700 001
Ph.: 2248 6304/06, 4032 5000, Fax : 2213 7399
E-mail : balmukundsponge@gmail.com
Website : www.balmukund.com
CIN : U27310WB1999PTC266185
(An ISO 9001 : 2008 & ISO 14001 : 2004 Company)

2nd May, 2025

The Member Secretary,
Jharkhand State Pollution Control Board,
T.A. Division Building (Ground Floor),
H.E.C. Complex, Dhurwa,
Ranchi (Jharkhand)-834 004

Sub: Submission of Environmental Statement for the Financial Year: 2024-25.

Sir,

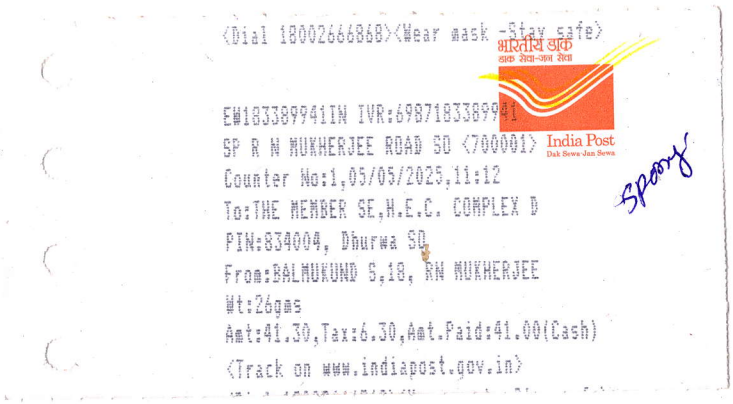
We are submitting hereto attached Environmental Statement (Form V) for the Financial Year 2024-25 for your needful.

Thanking you,
Yours faithfully,
For Balmukund Sponge & Iron Pvt. Ltd.
(Sponge Division)

Santosh Kumar

Manager

Encl: As above.



Environment Statement for the Financial Year ending the 31st March, 2025

PART - A

1) Name & Address of the owner/occupier of the industry operation or process : **Pradip Kumar Sahewal**
Balmukund Sponge & Iron Pvt. Ltd.(Sponge Division)
Chatro, Tundi Road, Giridih (Jharkhand)

2) Industry category-Primary,Secondary (STC Code) : Primary

3) Production Capacity – Unit : Sponge Iron-300 MT per day

4) Year of Establishment : 1st Kiln-2001
2nd Kiln-2003 &
3rd Kiln-2004

5) Date of the last unit environment stated : Submitted on - 02.05.2024

PART - B

6) Water & Raw Material Consumption :
Water Consumption cub.m/day :
Process : 0.000 KL
Cooling : 12.000 KL per day
Domestic : 4.000 KL per day

Name of Products	Process water consumption per unit of product out-put	
	During the previous Financial Year	During the current Financial Year
1. Sponge Iron	-	-

7) Raw Material Consumption

Name of Raw Material	Name of Products	Raw material consumption per unit of product out-put	
		During the previous Financial Year(MT)	During the current Financial Year(MT)
1. Iron Ore	Sponge Iron	0.627	1.869
2. Coal	Sponge Iron	0.833	1.044
3. Dolomite	Sponge Iron	0.042	0.088
4. Iron Ore Pellet	Sponge Iron	1.052	0.653

PART – C

Pollution discharge to environment/out-put (Parameter as specified in the consent issued)

Pollutants	Quantity of Pollution Generated (Mass/day)	Conc. Of pollutants In discharge (Mass/ Volume)	Percentage of form prescribed with reason
a) Water	: No water discharge out of premises. So no water pollution.		
b) Air	: Test report submitted. Pollutants are within prescribed limit.		

PART – D

Hazardous Waste

(As specified Hazardous Waste (Management and Handling Rule, 1989)

Hazardous Waste	Total Quantity (Kg/Ltr)	
	During the previous Financial year	During the Current Financial Year
From Process	No hazardous waste is produced.	No hazardous waste is produced.
From pollution control facilities(sold)		
Other (Burnt Mobil Oil)-Ltr.	340	354

PART – E

Solid Waste

Solid Waste	Total Quantity (Kg)	
	During the previous Financial year	During the Current Financial Year
a) From Process	15738985	13450095
b) From Pollution Control facilities(ESP)	3372640	2754840
c) Quantity recycled or re-utilized	000	000
d) Sold	23473990	41456660
e) Disposed	000	000

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 these categories of wastes.

Hazardous Waste(Burnt Mobil Oil) :Is reused for smoothening the machineries for smooth running.
Solid Waste : Total quantity generated of solid waste (Dolochar) is sold directly or indirectly and transported in eco-friendly safe manner in tightly covered trucks to power generating plants for its 100% utilization in AFBC boilers. We have obtained Environmental Clearance from MoEF & CC. Now we will obtain CTE for establishment of Captive Power Plant. After installation of this unit, we will not need to sell dolochar to other power generating plants. We will use it ourselves within our factory premise.

PART – G

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

Pollution control measures helps in conservation of the natural resources as well as raises the cost of production and reduce ratio of profit.

PART – H

Additional investment proposal for environment protection including abatement of pollution :

1) ESPs have been provided to all Sponge Iron manufacturing kilns.
2) Online Stake Emission monitoring facility to ESPs' stacks of appropriate heights with SO_2 Analyzer and dust concentration monitoring with 24x7 days connectivity to JSPCB and CPCB servers has been provided.
3) Kilns' stacks top are kept tightly closed.
4) Sufficient Bag Filters at required places have been provided.
5) Water chambers for collection of coal dust exiting from ESPs' have been provided.
6) Enclosed Conveyors for carrying raw material i.e. iron ore, coal and dolomite to kilns and for carrying Sponge Iron (Finished Product) to stock house have been provided.
7) Online dust monitoring system for AAQ (PM) monitoring with 24x7 days connectivity to JSPCB and CPCB servers has been provided.
8) Water used in cooling of hot products are kept in closed circuit for reuse again and again.
9) Water settling tank followed by soak-pits for collection of domestic waste water has been provided.
10) Monitoring of AAQ within the premises, stack dust concentration, Fugitive Emission, Domestic Waste Water, Noise Level are also done quarterly by NABL laboratory.
11) Software controlled interlocking facility has already been provided.
12) Sufficient Dry fog systems have been provided.

The additional measure will be adopted after study and on advice of the Jharkhand State Pollution Control Board.

PART – I

Any other particulars in respect of environment protection of environment and abatement of pollution:

Besides operating ESPs including other facilities stated as above in Part-H, plantation has been done around the factory premises. Roads (inside premises) have been concreted, including all the dusty places in the factory premises. Manual water sprinkling on approach road is being done for dust suppression to minimize the dust around boundary of factory premise. Fixed type water sprinklers have been installed and being operated to keep the air dust pollution within prescribed limit. Manual water sprinklers have also been provided wherever fixed water sprinklers are found difficult to work.

For **Balmukund Sponge & Iron Pvt. Ltd.**
(Sponge Division)

Balmukund Sponge & Iron (P) Ltd.

Manager