

Ref. No: FACOR/HSE/ES/26-1
Date: 28.09.2026

To,

**The Member Secretary,
State Pollution Control Board,
Paribesh Bhawan, A/118,
Nilakantha Nagar, Unit-VIII,
Bhubaneswar.**

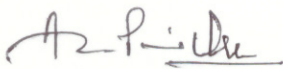
Sub: Submission of Environment Statement for the year 2025-26 by M/s Ferro Alloys Corporation Limited (Charge Chrome Plant), Randia, Bhadrak.

Sir,

With reference to the above cited subject, please find enclosed copy of Environmental Statement for the financial year ending 31st March, 2026 in **Form-V** by M/s Ferro Alloys Corporation Limited (Charge Chrome Plant) for your kind perusal.

Thanking you,

Yours faithfully,
For **Ferro Alloys Corporation Limited**
Charge Chrome Plant



Ajit Parida
Director (O&M)

Encl: As above

Copy to: The Regional Officer, SPCB, Balasore.

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)

Registered Office:

D.P. Nagar, PO: Randia, Dist.: Bhadrak, Odisha, India 756 135

T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in/facor.ccp@vedanta.co.in

Website: www.facorgroup.in, CIN: U45201OR1955PLC008400.

ENVIRONMENTAL STATEMENT REPORT (FORM-V)

FOR THE

**FINANCIAL YEAR
2025-26**

IN RESPECT OF

**FERRO ALLOYS CORPORATION LIMITED
(CHARGE CHROME PLANT)**

**Randia, Bhadrak,
Odisha.**

FORM V

(See Rule 14)

Environmental Statement for the Financial Year Ending 31st March 2026.

PART – A

- i. **Name and address of the owner/occupier of the industry operation process** : Mr. Manoj Keshari
Chief Executive Officer
M/s. Ferro Alloys Corporation Ltd.,
Charge Chrome Plant, Randia-756135,
Dist. Bhadrak, Odisha.
- ii. **Industry category Primary** : Large
- iii. **Production Capacity-Units** :
High Carbon Ferro Chrome production of 1,45,000 TPA (from 1 X 45 MVA & 1 X 33 MVA SAF) and 11,800 TPA from MRP by M/s Ferro Alloys Corporation Ltd., located at Village-Randia, District-Bhadrak, Odisha
- iv. **Year of Establishment** - 7th March, 1983.
- v. **Date of the last environmental statement submitted** – 29.09.2025.

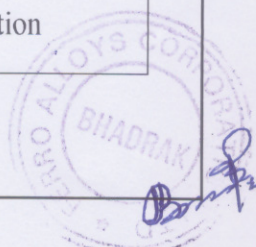
PART – B

Water and Raw Material Consumption

1. Water Consumption:

Process – 1001 m³/day
Cooling – 265 m³/day
Domestic – 45 m³/day

Name of Products	Process Water Consumption Per Unit of Product Output	
	During the Previous Financial Year 2024-25	During the Current Financial Year 2025-26
High Carbon Ferro Chrome	- 3.77 m ³ /MT (Process incl. Cooling) - 0.97 m ³ /MT (Cooling) - 4.91 m ³ /MT (Total Consumption including domestic)	- 3.64 m ³ /MT (Process incl. Cooling) - 0.96 m ³ /MT (Cooling) - 4.76 m ³ /MT (Total Consumption including domestic)



2. Raw Material Consumption

Name of Raw Materials	Name of Products	Consumption of Raw Material Per Unit of Output (MT)	
		During the Current Financial Year 2024-2025	During the Current Financial Year 2025-2026
Chrome Ore	Charge Chrome/ High Carbon Ferro Chrome (MT)	2.544 MT	2.41MT
Coke		0.576 MT	0.56 MT
Quartzite		0.077 MT	0.074 MT
Bauxite		0.044 MT	0.0735 MT
Electrode Paste		15 Kg	12.88 Kg
Hydrated Lime		0.064MT	0.023 MT

PART – C

Pollution Discharge to Environment/ Unit of Output

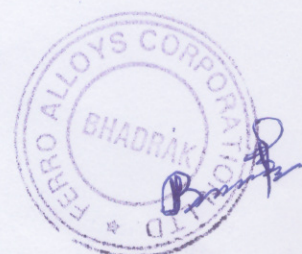
(Parameter as Specified in the Consent Issued)

1. Water

No Pollution discharge through Water. Zero Liquid Discharge has been maintained.

2. Air

Sl. No.	Parameter	Unit	Standard as per CTO	Analysis Results			
				GCP Stack (45 MVA)	GCP Stack (33 MVA)	Dedusting stack	Dryer Stack
1	Particulate Matter as PM	mg/Nm ³	100	63.45	28.12	47.84	61.53
2	Sulphur Dioxide as SO ₂	mg/Nm ³	--	27.66	35.71	33.53	35.84
3	Oxides of Nitrogen as NO _x	mg/Nm ³	--	33.82	40.57	35.68	36.92
4	Carbon Monoxide as CO	mg/m ³	--	0.06	0.05	0.07	0.06
5	Carbon dioxide as (CO ₂)	%	--	7.92	7.90	6.88	6.80



PART – D

Hazardous Waste

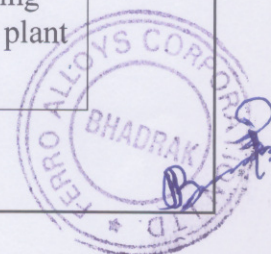
(As Specified Under Hazardous Waste (Management and Handling) Rule, 2016)

Hazardous Wastes	Total Quantity Generated (MT)	
	During the Current Financial Year 2024-25	During the Current Financial Year 2025-26
a) Used oil	11.71	3.89
b) Exhaust Air or Gas Cleaning Residue	1223.7	2722.21
c) Waste Oil Filters	Nil	Nil
d) Waste/Residues Containing Oil	Nil	Nil
e) Empty Barrels	Nil	Nil

PART – E

Solid Wastes

Solid Waste		Total Quantity	
		During the Previous Financial Year 2024-25	During the Current Financial Year 2025-26
(a) From Process		114333 MT (Slag)	119508 MT (Slag)
(b) From Pollution Control Facility		1223.7 MT (GCP dust)	2722.21 MT (GCP dust)
(c) 1) Quantity Recycle and Re-Utilized within the Unit	Slag	Part of Jigging Slag used for Civil Construction Work	Part of Jigging Slag used for Civil Construction Work
	GCP Dust	1127.57 MT	2819.87 MT
2) Sold	Slag	91334.46 MT	87317.89 MT
	GCP Dust	Nil	Nil
3) Disposed	Slag	Used for filling low lying areas inside & outside plant premises	Used for filling low lying areas inside & outside plant premises



PART – F

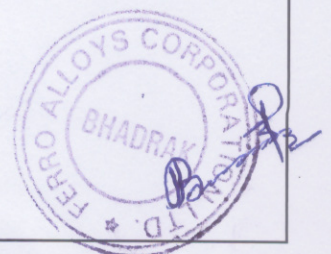
Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- Disposal of all hazardous wastes are managed as per authorization granted from pollution control board.
- The granulated slag generated from the process is used for filling low lying areas in plant premises.
- Slag generated from the Metal Recovery Plant is also used for filling low lying areas. Some portion of the jigging slag also used for civil construction work i.e. road making, floor concreting etc.
- Flue dust generated from the Gas Cleaning Plant is re-used as raw material in the furnace after making pallets/briquettes.
- E-Waste & Waste batteries are sold to authorised dealer/recycler in accordance with Battery Waste Management Rules 2022 & E-Waste (Management) Rules 2022.
- Solid waste like Waste Cotton, Empty Bottles, Jerry Canes, Rejected Spares and Steel Scrapes etc. are stored in proper manner, so that it shall not pose any threat to Environment. Moreover, some of those items have scrap values and disposed of with price realization.
- The solid waste like Wastepaper, Biological Waste, Domestic Waste and Canteen Waste etc. are allowed to decompose in waste composting pit. The same is used as manure after decomposition.

PART – G

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

- The water used in MRP is re-circulated and make up water is supplied from the rainwater harvesting pond. The water from the rainwater harvesting pond also used for granulation plant, metal cooling, dust suppression and green belt development, thereby saving consumption of fresh water.
- The flue dust collected from the Gas Cleaning Plant and Dryer stacks are reused as raw material in the process.
- By using jigging slag in civil construction work, company saves cost of stone chips.
- The solid waste like waste batteries, E- Waste, steel scraps, empty barrels, jerry canes etc. are disposed of with price realization.
- Biodegradable waste like wastepaper, biological waste, domestic waste and canteen waste are used as manure for gardening after decomposition.
- Furnace cooling water is re-circulated in a close circuit and make up water is added in to it.



PART – H

Additional measures / investment proposal for environmental protection Including abatement of pollution

Expenditure for Environmental Protection FY 2025-26

Sl. No.	Description	Amount (Rs.)
1	Engagement of vehicle for Dust suppression on roads	₹ 8,80,512/-
2	Installation of dust suppression mist canon	₹ 4,74,832/-
3	CMC of CAAQMS & CEMS with Data Connectivity	₹ 8,12,725/-
4	Operational & Maintenance of Mechanical Road Sweeping Machine for CCP	₹ 8,27,913/-
5	Greenbelt development & engagement of worker for plantation maintenance work	₹ 24,70,224/-
6	Wastewater Treatment Plant Operation & Maintenance	₹ 8,06,300/-
7	Gas Cleaning Plant operation and maintenance cost	₹ 27,35,641/-
8	Gas Cleaning Plant Energy cost	₹ 1,58,16,252/-
9	Environment Monitoring and audits	₹ 18,50,517/-
10	Digital flowmeter & Piezometer maintenance work	₹ 1,92,935/-
	Total Cost	268,67,851

PART – I

Any other particulars for improving the quality of the environment.

- Ferro Alloys Corporation Limited is a certified company of Quality Management System (ISO-9001: 2015), Environmental Management System (ISO-14001: 2015), Occupational Health & ISO 45001:2018 and Energy Management System (ISO-50001:2018).
- Ferro Alloys Corporation Limited is comprehensively working to achieve ESG goals on key thematic area of Transforming Communities, Transforming the Planet and Transforming the Workplace. In line with this we have taken various initiatives towards carbon neutrality, net water positivity, greener business model, biodiversity conservation etc.
- Ferro Alloys Corporation Limited (Charge Chrome Plant) has taken various initiatives for abatement of pollution control and environment protection measures. We have installed 10KLD STP at plant and 50KLD STP at colony for sewage treatment and recycling the water in greenbelt development. Similarly, 1000 KLD Surface Runoff Treatment Plant has been installed to treat all roundoff water inside the CCP & Powerplant to achieve Zero Liquid discharge. We have installed Dry fog systems in multiple locations of the plant to mitigate dust pollution during material unloading.

