



Ref No: FACL/BDK/CPCB/010/2025-26

Date : 29.04.2025

To,

The Member Secretary
Central Pollution Control Board,
Parivesh Bhawan,
East Arjun Nagar,
Delhi-110032

Sub: Submission of Ash Compliance Report for the period 1st April'2024 to 31st March'2025 by M/s Ferro Alloys Corporation Limited (Power Plant).

Sir.

With reference to the above cited subject, we are enclosing herewith the Ash Compliance Report in Annexure-1 for the period 1st April'2024 to 31st March'2025 by M/s Ferro Alloys' Corporation Limited (Power Plant) at D.P.Nagar, Randia, Bhadrak-756135, Odisha:

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This is for your kind perusal.

Thanking you,

Yours faithfully,

For Ferro Alloys Corporation Ltd.

Girish Chandra Mohanty Factory Manager-Power Plant

Encl: As above

Copy to: 1. Chair Person, Central Electricity Authority, New Delhi.

2. Fly Ash Resource Centre, OSPCB, Bhubaneswar.

3. SEIAA, MOEF & CC, Bhubaneswar.

4. RO, OSPCB, 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.

<u>Ash Compliance Report (for the period 1st April'2024 to 31st March'2025) by M/s Ferro Alloys Corporation Limited (Power Plant)</u>

Sl. No.	Details			
1	Name of Power Plant	FACOR Power Plant		
2	Name of the company	M/s. Ferro Alloys Corporation Limited (Power Plant)		
3	District	Bhadrak		
4	State	Odisha		
5	Postal address for communication:	D.P. Nagar, Randia, Bhadrak – 756135, Odisha		
6	E-mail:	facor.power@vedanta.co.in		
7	Power Plant installed capacity (MW):	100		
8	Plant Load Factor (PLF):	50.09		
. 9	No. of units generated (MWh):	438682		
10	Total area under power plant (ha): (including area under ash ponds)	35		
11	Quantity of coal consumption during reporting period (Metric Tons per Annum):	419351 MT		
12	Average ash content in percentage (per cent):	40		
13	Quantity of current ash generation during reporting period (Metric Tons per Annum):	pism'r;		
	Fly ash (Metric Tons per Annum):	166029		
	Bottom ash (Metric Tons per Annum):	29568		
14	Capacity of dry fly ash storage silo(s) (Metric Tons):	3 nos Silos @ 850MT capacity each		
15	Details of utilisation of current ash generated during reporting period (a) Total quantity of current ash utilised (MTPA) during reporting period: (b) Quantity of fly ash utilised (MTPA):	178030		
	(i) Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels)	149384		
	(ii) Cement manufacturing: (iii) Ready mix concrete: (iv) Ash and Geo-polymer based construction material:	-		
	(v) Manufacturing of sintered or cold bonded ash aggregate: (vi) Construction of roads, road and fly over embankment:	-		
	(vii) Construction of dams:	-		

	(viii) Filling up of low lying area:(ix) Filling of mine voids:	-
	(x) Use in overburden dumps:	_
	(xi) Agriculture:	
	(xii) Construction of shoreline protection	- A year services a second A
	structures in coastal districts;	2.
	(xiii) Export of ash to other countries:	-
	(xiv) Others (please specify):	-
	(c) Quantity of bottom ash utilised (MTPA):	
	(i) Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels):	
	(ii) Cement manufacturing:	- facting .
	(iii) Ready mix concrete:	
	(iv) Ash and Geo-polymer based construction	- Transaction
	material: (v) Manufacturing of sintered or cold	
	bonded ash aggregate:	0.00
	(vi) Construction of roads, road and flyover	The section of the se
	embankment:	
	(vii) Construction of dams:	
	(viii) Filling up of low lying area:	28646
	(ix) Filling of mine voids:(x) Use in overburden dumps:	
	(xi) Agriculture:	
	(xii) Construction of shoreline protection	- Commenter of the Comment
	structures in coastal districts:	and the second of the second o
	(xiii) Export of ash to other countries: (xiv)	- ** ** ** * * * * * * * * * * * * * *
	Others (please specify):	Condition of the Condit
	Total quantity of current ash unutilised (MTPA) during reporting period:	17567
16	Percentage utilisation of current ash generated during	92.2
17	reporting period (per cent): Details of disposal of ash in ash ponds	
17	(a) Total quantity of ash disposed in ash pond(s)	in research in the constraint
	(Metric Tons) as on 31 st March (excluding reporting period):	Nit : 100 Miles in the second
	(b) Quantity of ash disposed in ash pond(s) during reporting period (Metric Tons):	17567
	(c) Total quantity of water consumption for slurry discharge into ash ponds during reporting period (m³):	The second section of the second seco
	(d) Total number of ash ponds:	2 de marco de passivisió
	(i) Active:	- 2 2 2
	(ii) Exhausted (yet to be reclaimed):	- Manager
	(iii) Reclaimed:	-
	(e) total area under ash ponds (ha):	9.8
18	Individual ash pond details	

	1		
or Reclaimed (b) Date of start of ash disposal in ash pond (DD/MM/YYYY) or MMYYYY): (c) Date of storppage of ash disposal in ash pond after completing its capacity (DD/MM/YYYY) or MM/YYYY): (Not applicable for active ash ponds) (c) area (hectares): (d) dyke height (m): volume (m³): (e) quantity of ash disposed as on 31st March (Metric Tons): (f) Available volume in percentage (per cent) and quantity of ash can be further disposed (Metric Tons): (g) Expected life of ash pond (number of years and months): (h) Co-ordinates (Lat and Long): (please specify minimum 4 co-ordinates) (h) Co-ordinates (Lat and Long): (please specify minimum 4 co-ordinates) (i) Type of lining carried in ash pond: HDPE lining or LDPE lining or clay lining or No lining (j) Mode of disposal: Dry disposal or wet slurry (in case of wet slurry please specify whether HCSD or MCSD or LCSD) (k) Ratio of ash: water in slurry mix (1:): (l) Ash water recycling system (AWRS) installed and functioning: Yes or No (m) Quantity of wastewater from ash pond discharged into land or water body (m³): (n) Last date when the dyke stability study was conducted and name of the organization who conducted the study: Last date when the audit was conducted and name of the organization who conducted the audit: Quantity of legacy ash utilised (MTPA): i. Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels); ii. Cement manufacturing:		* *	
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(h) Co-ordinates (Lat and Long): (please specify minimum 4 co-ordinates) Log: 21°04'07.8" Lat: 86°26'55.3" Log: 21°04'14.6" Lat: 86°26'50.7" Log: 21°04'11.6" (i) Type of lining carried in ash pond: HDPE lining or LDPE lining or clay lining or No lining (j) Mode of disposal: Dry disposal or wet slurry (in case of wet slurry please specify whether HCSD or MCSD or LCSD) (k) Ratio of ash: water in slurry mix (1:): (l) Ash water recycling system (AWRS) installed and functioning: Yes or No (m) Quantity of wastewater from ash pond discharged into land or water body (m3): (n) Last date when the dyke stability study was conducted and name of the organisation who conducted the study: Last date when the audit was conducted and name of the organization who conducted the audit: Quantity of legacy ash utilised (MTPA): i. Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels): ii. Cement manufacturing:			
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(I) Ash water recycling system (AWRS) installed and functioning: Yes or No (m) Quantity of wastewater from ash pond discharged into land or water body (m3): (n) Last date when the dyke stability study was conducted and name of the organisation who conducted the study: Last date when the audit was conducted and name of the organization who conducted the audit: Quantity of legacy ash utilised (MTPA): i. Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels): ii. Cement manufacturing:	(j)	case of wet slurry please specify whether HCSD or	Dry disposal
functioning: Yes or No (m) Quantity of wastewater from ash pond discharged into land or water body (m3): (n) Last date when the dyke stability study was conducted and name of the organisation who conducted the study: Last date when the audit was conducted and name of the organization who conducted the audit: Quantity of legacy ash utilised (MTPA): i. Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels): ii. Cement manufacturing:			
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 i. Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels): ii. Cement manufacturing: 			
		Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or	
iii. Ready mix concrete:			
	j iii.	Ready mix concrete:	

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		Ash and Geo-p	olymer based constru	action	
		Manufacturing ggregate:			
	vi. (Construction of mbankment:			
	vii. (Construction of dams:			
	viii. F	Filling up of low lying area:			
	ix. F	Filling of mine voids:			
	x. U	Use in overburden dumps:			
	xi. A	Agriculture:			
	xiii. Export of ash to other countries:				
	xiv. Others (please specify):				
20	Summary:				
	Details	Quantity generated (MTP)	Quantity utilised (MTP) and (per cer	nt)	Balance quantity (MTP)
	Current ash during reporting period	195597	178030 (92%)		17567
	Legacy ash	0	0		
	Total	195597	178030 (92%)		17567
21	Any other information:			117557	
	Soft copy of the annual compliance report, and shape files of power plant and ash ponds may be e-mailed to:- moefcccoalash@gov.in			Around 17567MT ash of for FY2024-25, which wash for FY 2025-26.	
22	Signature of Authorised Signatory			Candrent	RANDIAN E
0				Girish Chandra Mohanty Factory Manager (Power Plant)	