



Ref: 2043/HPSL-UNIT-II/2025-26/2043

Dated : 31.05.2025

To,  
The Member Secretary,  
Central Pollution Control Board,  
Parivesh Bhawan,  
East Arjun Nagar,  
SHAHDARA, DELHI-110032, INDIA

**Sub:** Submission of Ash Compliance Report for the period of 2024-25  
for our Hira Power and Steels Limited, Unit-II.

**Ref:** Notification of Ministry of Environment, Forest and Climate Change, Government  
of India, for Fly Ash vide letter dated.31.12.2021 & Amendment dtd.30.12.2022.

Respected Sir,

With reference to the above subject and reference, we are enclosing herewith Compliance  
Report as under : -

- (1) Ash Compliance Report by Hira Power and Steels Limited-Unit-II, Urla Industrial  
Complex, RAIPUR (C.G.)-**Annexure-I** for the period of 2024-25.

We hope you will find above Compliance Reports up to your satisfaction. Your valuable  
guidance further in this regard will be highly appreciated.

Kindly acknowledge the receipt of the same.

Thanking You,

Yours Faithfully,  
For, **HIRA POWER & STEELS LIMITED, UNIT-II**

  
**AUTHORIZED SIGNATORY**

**Enclosed: Annexure-I**

- Cc : (1) The Member Secretary, Chhattisgarh Environment Conservation Board,  
Paryavas Bhawan, North Block Sector-19, **ATAL NAGAR, RAIPUR (C.G.)-492002**
- (2) The Regional Officer, Chhattisgarh Environment Conservation Board, New Office  
Building, Ring Road No. 2, Near CSEB Office, **TATIBANDH, RAIPUR (C.G.)-492099**

**Hira Power & Steels Limited**

An ISO 9001:2015 certified company  
CIN : U24117CT1984PLC002512

**Registered Office & Works :** Khasra No. 511/1, 512/2, Urla Industrial Complex, Raipur - 492003, Chhattisgarh, India

**P :** +91 771 4082500, **4082600, F :** +91 771 4082501, **E :** admin@hpslindia.com

[www.hpslindia.com](http://www.hpslindia.com), [www.hiragroupindia.com](http://www.hiragroupindia.com)

Ash Compliance Report (for the period 1<sup>st</sup> April 2024 - 31<sup>st</sup> March 2025) to be submitted on or before 31<sup>st</sup> May

Sl. No.	Details	Values
1.	Name of Power Plant	AFBC Power Plant
2.	Name of the company	Hira Power and Steels Limited, Unit-II
3.	District	Raipur
4.	State	Chhattisgarh
5.	Postal address for communication:	Hira Power and Steels Limited, Unit-II Khasra No. 511/1, 512/2, Urla Industrial Complex, Raipur-492003, Chhattisgarh
6.	E-mail:	environment@hpslindia.com
7.	Power Plant installed capacity (MW):	20 MW Net Generation for Captive Consumption
8.	Plant Load Factor (PLF):	98.22 Average
9.	No. of units generated (MWh):	1,72,081 for captive Consumption
10.	Total area under power plant (ha): (including area under ash ponds)	6.168 Hectare
11.	Quantity of coal consumption during reporting period (Metric Tons per Annum):	Coal = 180763 MT Dolochar = 532.990 Rice Husk = 203.870 MT Total = 181499.860 MT
12.	Average ash content in percentage (per cent):	46.05%
13.	Quantity of current ash generation during reporting period (Metric Tons per Annum): Fly ash (Metric Tons per Annum): Bottom ash (Metric Tons per Annum):	 72724.07 MT 10866.81 MT
14.	Capacity of dry fly ash storage silo(s) (Metric Tons):	550 MT
15.	Details of utilisation of current ash generated during reporting period	
	(a) Total quantity of current ash utilised (MTPA) during reporting period:	83590.88 MT
	(b) Quantity of fly ash utilised (MTPA):	72724.07 MT
	(i) Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels)	72724.07 MT
	(ii) Cement manufacturing:	NIL
	(iii) Ready mix concrete:	NIL
	(iv) Ash and Geo-polymer based construction material:	NIL
	(v) Manufacturing of sintered or cold bonded ash aggregate:	NIL
	(vi) Construction of roads, road and fly over embankment:	NIL
	(vii) Construction of dams:	NIL
	(viii) Filling up of low lying area:	NIL
	(ix) Filling of mine voids:	NIL
	(x) Use in overburden dumps:	NIL
	(xi) Agriculture:	NIL

Sl. No.	Details	Values
	(xii) Construction of shoreline protection structures in coastal districts:	NIL
	(xiii) Export of ash to other countries:	NIL
	(xiv) Others (please specify):	NIL
	(c) Quantity of bottom ash utilised (MTPA):	10866.81 MT
	(i) Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels)	10866.81 MT
	(ii) Cement manufacturing:	NIL
	(iii) Ready mix concrete:	NIL
	(iv) Ash and Geo-polymer based construction material:	NIL
	(v) Manufacturing of sintered or cold bonded ash aggregate:	NIL
	(vi) Construction of roads, road and fly over embankment:	NIL
	(vii) Construction of dams:	NIL
	(viii) Filling up of low lying area:	NIL
	(ix) Filling of mine voids:	NIL
	(x) Use in overburden dumps:	NIL
	(xi) Agriculture:	NIL
	(xii) Construction of shoreline protection structures in coastal districts:	NIL
	(xiii) Export of ash to other countries:	NIL
	(xiv) Others (please specify):	NIL
	Total quantity of current ash unutilised (MTPA) during reporting period:	NIL
16.	Percentage utilisation of current ash generated during reporting period (%):	100%
17.	Details of disposal of ash in ash ponds	
	(a) Total quantity of ash disposed in ash pond(s) (Metric Tons) as on 31 <sup>st</sup> March (excluding reporting period):	Not Applicable
	(b) Quantity of ash disposed in ash pond(s) during reporting period (Metric Tons):	Not Applicable
	(c) Total quantity of water consumption for slurry discharge into ash ponds during reporting period (m <sup>3</sup> ):	Not Applicable
	(d) Total number of ash ponds:	Not Applicable
	(i) Active:	Not Applicable
	(ii) Exhausted (yet to be reclaimed):	Not Applicable
	(iii) Reclaimed:	Not Applicable
	(e) total area under ash ponds (ha):	Not Applicable

Sl. No.	Details	Values
18.	Individual ash pond details Ash pond-1,2, etc (please provide below mentioned details separately, if number of ash ponds is more than one)	
	(a) Status: Under construction or Active or Exhausted or Reclaimed	Not Applicable
	(b) Date of start of ash disposal in ash pond (DD/MM/YYYY or MMYYYY):	Not Applicable
	(c) Date of stoppage of ash disposal in ash pond after completing its capacity (DD/MM/YYYY or MM/YYYY): (Not applicable for active ash ponds)	Not Applicable
	(d) area (hectares):	Not Applicable
	(e) dyke height (m):	Not Applicable
	(f) volume (m <sup>3</sup> ):	Not Applicable
	(g) quantity of ash disposed as on 31 <sup>st</sup> March (Metric Tons):	Not Applicable
	(h) available volume in percentage (per cent) and quantity of ash can be further disposed (Metric Tons):	Not Applicable
	(i) expected life of ash pond (number of years and months):	Not Applicable
	(j) co-ordinates (Lat and Long): (please specify minimum 4 co-ordinates)	Not Applicable
	(k) type of lining carried in ash pond: HDPE lining or LDPE lining or clay lining or No lining	Not Applicable
	(l) mode of disposal: Dry disposal or wet slurry (in case of wet slurry please specify whether HCSD or MCSD or LCSD)	Not Applicable
	(m) Ratio of ash: water in slurry mix (1: ____):	Not Applicable
	(n) Ash water recycling system (AWRS) installed and functioning: Yes or No	Not Applicable
	(o) Quantity of wastewater from ash pond discharged into land or water body (m3):	Not Applicable
	(p) Last date when the dyke stability study was conducted and name of the organisation who conducted the study:	Not Applicable
	(q) Last date when the audit was conducted and name of the organisation who conducted the audit:	Last Audit was conducted on 28.11.2024 by National Institute of Technology, Uttarakhand
19.	Quantity of legacy ash utilised (MTPA):	
	(i) Fly ash based products (bricks or blocks or tiles or	NIL
	(ii) Cement manufacturing:	NIL
	(iii) Ready mix concrete:	NIL
	(iv) Ash and Geo-polymer based construction material:	NIL
	(v) Manufacturing of sintered or cold bonded ash	NIL
	(vi) Construction of roads, road and fly over embankment:	NIL
	(vii) Construction of dams:	NIL

Sl. No.	Details	Values															
	(viii) Filling up of low lying area:	NIL															
	(ix) Filling of mine voids:	NIL															
	(x) Use in overburden dumps:	NIL															
	(xi) Agriculture:	NIL															
	(xii) Construction of shoreline protection structures in	NIL															
	(xiii) Export of ash to other countries:	NIL															
	(xiv) Others (please specify):	NIL															
20.	<b>Summary:</b>																
	<b>Details</b>	<table border="1"> <thead> <tr> <th>Quantity Generated (MTP)</th><th>Quantity Utilised (MTP) and percent (%)</th><th>Balance Quantity (MTP)</th></tr> </thead> <tbody> <tr> <td>Current Ash during reporting period</td><td>83590.88</td><td>83590.88</td><td>NIL</td></tr> <tr> <td>Legacy Ash</td><td>NIL</td><td>NIL</td><td>NIL</td></tr> <tr> <td><b>Total</b></td><td>83590.88</td><td>83590.88</td><td>NIL</td></tr> </tbody> </table>	Quantity Generated (MTP)	Quantity Utilised (MTP) and percent (%)	Balance Quantity (MTP)	Current Ash during reporting period	83590.88	83590.88	NIL	Legacy Ash	NIL	NIL	NIL	<b>Total</b>	83590.88	83590.88	NIL
Quantity Generated (MTP)	Quantity Utilised (MTP) and percent (%)	Balance Quantity (MTP)															
Current Ash during reporting period	83590.88	83590.88	NIL														
Legacy Ash	NIL	NIL	NIL														
<b>Total</b>	83590.88	83590.88	NIL														
21.	Any other information: Soft copy of the annual compliance report and shape files of power plant and ash ponds may be e-mailed to:- moefcccoalash@gov.in	Agreed															
22.	Signature of Authorised Signatory	 															