

# JSW Ispat Special Products Limited

(formerly known as Monnet Ispat & Energy Limited)

Village & P.O.: Naharpali, Tehsil : Kharsia, Raigarh-496 661 (Chhattisgarh)  
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JSWISPL/NP/EMD/470 /2022

Date: 23.05.2022

To,

**The Regional Officer,**  
Chhattisgarh Environment Conservation Board,  
TV Tower Road, Raigarh (C.G.)

**Subject:** Ash compliance Report for the period of April, 2021 to March, 2022

**Ref :** Your letter no.303/क्षे.का./पर्या.स.मं./2022; dated: 10.05.2022

Dear Sir,

This has reference to the above referred letter, we are submitting herewith the ash compliance report in the prescribed format for the period of April, 2021 to March, 2022. Further, we also would like to bring it to your kind notice that we are in process to conduct the fly ash compliance audit by CPCB authorized agency and submit the report at the earliest possible.

This is for your kind information and necessary record.

Thanking You.

Yours Faithfully,

  
For, **JSW Ispat Special Products Limited.**  
(Formerly known as Monnet Ispat & Energy Ltd.)

## Authorized Signatory

1. **Enclosure:** Annexure
2. **Copy to:** Member Secretary, Chhattisgarh Environment Conservation Board, Raipur CEGB, Raipur

**Ash Compliance Report (for the period 1<sup>st</sup> April 2022-31<sup>st</sup> March 2022)**

Sl. No.	Details	
1	Name of Power Plant	Captive Power Plant (CPP)
2	Name of the company	JSW Ispat Special Products Ltd. (Formerly knowns as Monnet Ispat and Energy Ltd.)
3	District	Raigarh
4	State	Chhattisgarh
5	Postal address for communication:	Vill.+ Post- Naharpali, Tehsil- Kharsia, Dist.- Raigarh, Chhattisgarh, 496661
6.	E-mail:	env.naharpali@aionjsw.in
7.	Power Plant installed capacity (MW):	170 MW
8.	Plant Load Factor (PLF):	39.78
9.	No. of units generated (MWh):	647954
10.	Total area under power plant (ha): (including area under ash ponds)	23.5 Ha NA
11.	Quantity of coal consumption during reporting period (Metric Tons per Annum):	596248
12.	Average ash content in percentage (per cent):	45 %
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):	348732.5 261549.4 87183.1
14.	Capacity of dry fly ash storage silo(s) (Metric Tons) :	2440 MT
15.	Details of utilization of current ash generated during reporting period	
	(a) Total quantity of current ash utilized (MTPA) during reporting period:	348732.5
	<b>(b) Quantity of fly ash utilized (MTPA):</b>	261549.4
	(i) Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels)	47579.4
	(ii) Cement manufacturing:	28362.2
	(iii) Ready mix concrete:	0
	(iv) Ash and Geo-polymer based construction material:	0
	(v) Manufacturing of sintered or cold bonded ash aggregate:	0
	(vi) Construction of roads, road and fly over embankment:	0

	(vii) Construction of dams:	0
	(viii) Filling up of low lying area:	0
	(ix) Filling of mine voids:	185607.8
	(x) Use in overburden dumps:	0
	(xi) Agriculture:	0
	(xii) Construction of shoreline protection structures in coastal districts;	0
	(xiii) Export of ash to other countries:	0
	(xiv) Others (please specify):	0
	<b>(c) Quantity of bottom ash utilized (MTPA):</b>	<b>87183.1</b>
	(i) Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels):	15859.8
	(ii) Cement manufacturing:	0
	(iii) Ready mix concrete:	0
	(iv) Ash and Geo-polymer based construction material:	0
	(v) Manufacturing of sintered or cold bonded ash aggregate:	0
	(vi) Construction of roads, road and flyover embankment:	0
	(vii) Construction of dams:	0
	(viii) Filling up of low lying area:	51.8
	(ix) Filling of mine voids:	71271.5
	(x) Use in overburden dumps:	0
	(xi) Agriculture:	0
	(xii) Construction of shoreline protection structures in coastal districts:	0
	(xiii) Export of ash to other countries:	0
	(xiv) Others (please specify):	0
	Total quantity of current ash unutilized (MTPA) during reporting period:	348732.5
16	Percentage utilization of current ash generated during reporting period (per cent):	100
17	Details of disposal of ash in ash ponds (a) Total quantity of ash disposed in ash pond(s) (Metric Tons) as on 31st March (excluding reporting period): (b) Quantity of ash disposed in ash pond(s) during reporting period (Metric Tons): (c) Total quantity of water consumption for slurry discharge	NA

	<p>(d) Total number of ash ponds:</p> <p>(i) Active:</p> <p>(ii) Exhausted (yet to be reclaimed):</p> <p>(iii) Reclaimed:</p> <p>(e) total area under ash ponds (ha):</p>	
18	<p>Individual ash pond details</p> <p>Ash pond-1,2, etc. (please provide below mentioned details separately, if number of ash ponds is more than one)</p> <p>(a) Status: Under construction or Active or Exhausted or Reclaimed</p> <p>(b) Date of start of ash disposal in ash pond (DD/MM/YYYY or MMYYYY):</p> <p>(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)</p> <p>(c) area (hectares):</p> <p>(d) dyke height (m):</p> <p>(d) volume (m<sup>3</sup>):</p> <p>(e) quantity of ash disposed as on 31st March (Metric Tons):</p> <p>(f) available volume in percentage (per cent) and quantity of ash can be further disposed (Metric Tons):</p> <p>(g) expected life of ash pond (number of years and months):</p> <p>(e) co-ordinates (Lat and Long): (please specify minimum 4 co-ordinates)</p> <p>(f) type of lining carried in ash pond: HDPE lining or LDPE lining or clay lining or No lining</p> <p>g) mode of disposal: Dry disposal or wet slurry (in case of wet slurry please specify whether HCSD or MCSD or LCSD)</p> <p>(h) Ratio of ash: water in slurry mix (1:___):</p> <p>(i) Ash water recycling system (AWRS) installed and functioning: Yes or No</p> <p>(j) Quantity of wastewater from ash pond discharged into land or water body (m<sup>3</sup>):</p> <p>(k) Last date when the dyke stability study was conducted and name of the organisation who conducted the study:</p> <p>(l) Last date when the audit was conducted and name of the organization who conducted the audit:</p>	NA

19	Quantity of legacy ash utilized (MTPA): i. Fly ash based products (bricks or blocks or tiles or fiber cement sheets or pipes or boards or panels): 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 flyover 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 structures in coastal districts; xiii. Export of ash to other countries: xiv. Others (please specify):	NA		
20	Summary:			
	Details	Quantity generated (MTP)	Quantity utilized (MTP) and (per cent)	Balance quantity (MTP)
	Current ash during reporting period	348732.5	348732.5 100%	0
	Legacy ash	Nil	Nil	Nil
	Total	348732.5	348732.5	0
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:- moefccoalash@gov.in			
22	Signature of Authorized Signatory			