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TSL/SPCB/BS-06/2023-02/330  
April 25, 2023

**The Member Secretary**  
State Pollution Control Board, Odisha  
A/118, Paribesh Bhawan  
Nilakanthanagar, Unit-VIII  
**Bhubaneswar -751012**

**Subject:** Submission of ash 'annual implementation report' for the Financial Year 2022-23.

Dear Sir,

In reference to the captioned subject and Fly Ash Notification dated September 14, 1999 and its amendment; we are submitting hereby the ash 'annual implementation report' for the period from April 1, 2022 to March 31, 2023 of Tata Steel Ltd. Meramandali located at Narendrapur, Dist. Dhenkanal, Odisha. The detail status is enclosed as Annexure-I for kind reference.

Particulars	Generation (MT)	Utilization/ Disposal (MT)	Disposal/ Utilization (%)
Fly Ash	324752	322960	99.45%
Bottom Ash	33669	33669	100%
Total Quantity	358421	356629	99.50%

Mode of Ash Disposal/ Utilization	Quantity (MT)
Brick Manufacturing	142167
Cement Plant	0
Quarry Filling	107815
NH/ Road Making	105114
Low Lying Area Filling	1533
Total Utilization/ Disposal Quantity	356629

Hope, the information furnished is in line with the requirement.

Thanking you,

Yours faithfully,

For Tata Steel Limited

*Anoop Srivastava*

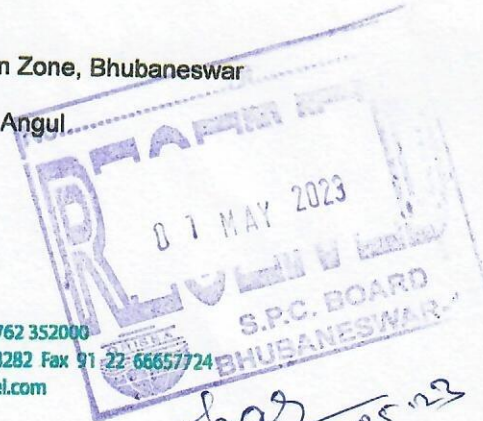
**Anoop Srivastava**  
Chief Environment, TSM

**Enclosure: As above**

- Copy to:** 1. The Dy. Director General Forest (C) IRO, MoEF&CC, Eastern Zone, Bhubaneswar  
2. The Divisional Head, CPCB, Eastern Region, Kolkata  
3. The Regional Officer, State Pollution Control Board, Odisha, Angul  
4. Central Electricity Authority (CEA), New Delhi

**TATA STEEL LIMITED**

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Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com



## Status of Utilization of coal ash (Fly ash) for the period April 2022 to March 2023

Sl. No.	Name and Address of the TPP	Power Plant installed capacity (MW)	Quantity of coal consumed during the reporting period	Quantity of fly ash generated (MT)	Capacity of dry fly ash storage silos (MT)	Disposal Method (Dry/HCS/Lean)	Mode of Utilization														Ash utilization for the reporting period	% Ash utilized
							1	2	3	4	5	6	7	8	9	10	11	12	13	14		
Apr'22			71613	28610		Dry	6843	0	0	0	5465	0	0	16302	0	0	0	0	28610	100%		
May'22	Tata Steel Ltd.		77042	30782		Dry	10085	0	0	0	6824	0	0	13873	0	0	0	0	30782	100%		
Jun'22			89687	35794		Dry	10645	0	0	0	24340	0	0	809.1	0	0	0	0	35794	100%		
Jul'22	Meramandali, At.		58334	23630	2 Nos. x 500 MT,	Dry	5169	0	0	0	11474	0	0	6987	0	0	0	0	23630	100%		
Aug'22	Narendrapur PO:		61301	22888	4 Nos. x1300MT	Dry	5988	0	0	0	16713	0	0	187	0	0	0	0	22888	100%		
Sep'22		320	49877	19512		Dry	9480	0	0	0	8418	0	298	1316	0	0	0	0	19512	100%		
Oct'22	Kusupanga Via.		65134	26116		Dry	13123	0	0	0	5237	0	508	7248	0	0	0	0	26116	100%		
Nov'22	Meramandali Dist.:		58563	23751		Dry	13959	0	0	0	687	0	0	9105	0	0	0	0	23751	100%		
Dec'22			72522	29065		Dry	16594	0	0	0	29	0	291	12151	0	0	0	0	29065	100%		
Jan'23	Dhenkanal Pin.759121, Odisha		79982	30394		Dry	14544	0	0	0	5647	0	0	10203	0	0	0	0	30394	100%		
Feb'23			64525	22949		Dry	14848	0	0	0	0	0	0	8101	0	0	0	0	22949	100%		
Mar'23			75167	31261		Dry	17614	0	0	0	6179	0	315	5361	0	0	0	0	29469	94.1%		
FY23			823747	324752		Dry	138892	0	0	0	91013	0	1412	91643	0	0	0	0	322960	99.45%		

\*Ash contains about 15% moisture.

## Status of Utilization of coal ash (Bed ash) for the period April 2022 to March 2023

Sl. No.	Name and Address of the TPP	Power Plant installed capacity (MW)	Quantity of coal consumed during the reporting period	Quantity of Bed ash generated (MT)	Capacity of dry Bed ash storage silos (MT)	Disposal Method (Dry/HCS/Lean)	Mode of Utilization														Ash utilization for the reporting period	% Ash utilized
							1	2	3	4	5	6	7	8	9	10	11	12	13	14		
Apr'22			71613	3179		Dry	0	0	0	0	607	0	0	2572	0	0	0	0	3179	100%		
May'22	Tata Steel Ltd.		77042	3420		Dry	0	0	0	0	1879	0	0	1541	0	0	0	0	3420	100%		
Jun'22			89687	3977		Dry	0	0	0	0	3887	0	0	90	0	0	0	0	3977	100%		
Jul'22	Meramandali, At.		58334	2626		Dry	0	0	0	0	1849	0	0	777	0	0	0	0	2626	100%		
Aug'22	Narendrapur PO:		61301	2543		Dry	0	0	0	0	2522	0	0	21	0	0	0	0	2543	100%		
Sep'22		320	49877	2168	2 Nos. x 500 MT,	Dry	0	0	0	0	1989	0	33	146	0	0	0	0	2168	100%		
Oct'22	Kusupanga Via.		65134	2902	4 Nos. x1300MT	Dry	0	0	0	0	582	0	56	2264	0	0	0	0	2902	100%		
Nov'22	Meramandali Dist.:		58563	2639		Dry	0	0	0	0	76	0	0	2563	0	0	0	0	2639	100%		
Dec'22			72522	3229		Dry	0	0	0	0	0	0	32	3197	0	0	0	0	3229	100%		
Jan'23	Dhenkanal Pin.759121, Odisha		79982	3377		Dry	0	0	0	0	627	0	0	2750	0	0	0	0	3377	100%		
Feb'23			64525	975		Dry	724	0	0	0	0	0	0	251	0	0	0	0	975	100%		
Mar'23			75167	2633		Dry	2551	0	0	0	83	0	0	0	0	0	0	0	2634	100%		
FY23			823747	33669		Dry	3275	0	0	0	14101	0	121	16172	0	0	0	0	33669	100%		

N.B.: 1: Ash based products (Bricks/Blocks/Tiles, Pavers, Cement, Sheet, Pipes, Boards, Panels etc.); 2: Cement Manufacturing; 3: Ready Mix Concrete; 4: Ash and Geopolymer based construction materials; 5: Manufacturing of sintered or cold bonded ash aggregates; 6: Construction of roads, road and fly over embankment; 7: Construction of dam; 8: Filling of low lying areas; 9: Filling of mines voids; 10: Use of over burden dumps; 11: Agriculture; 12: Construction of shorelines protection structure in coastal districts; 13. Export of ash to other countries; 14. Others.

Nandan Kumar  
Prepared By

Section (I/C)