

VIPL/AUT/CPCB/2019/ 73

Date: 12th April, 2019

To,
Divisional Head- IPC-II,
Central Pollution Control Board,
East Arjun Nagar, Shahadara,
Delhi-110032

Sub: Submission of Annual Fly Ash Utilization Report for Period 1st April 18 - 31st March 19 by M/s.
Vidarbha Industries Power Ltd - reg.

- Ref: 1. Environmental Clearance No. J-13011/62/2007-IA.II (T) dated 9th May 2008 and 22nd
December 2008 (for 1 X 300MW Phase - I)
2. Environmental Clearance No-13011/13/2009-IA.II (T) dated 26th May 2010 (for 1 X 300
MW Phase - II)

Dear Sir,

With reference to above, please find enclosed Annual Fly Ash Utilization Report for period 1st April
2018 - 31st March 2019 for 2X300 MW Coal Based Power Plant at MIDC Industrial Area, Butibori,
Nagpur.

Thanking you,

Yours Faithfully,
For Vidarbha Industries Power Limited



Ashesh Padhy
Station Director

CC:

1. APCCF(C),
Ministry of Environment & Forest,
Regional Officer, Western Region,
Ground Floor, East Wing,
New Secretarial Building, Civil Lines,
Nagpur: 440001
2. The Joint Director (APC),
Maharashtra Pollution Control Board,
Kalptaru Point, 3rd & 4th Floor, Sion Matunga
Scheme Road No. 8, Opposite Sion Circle, Sion East
MUMBAI - 400 022
3. Regional Officer
MPCB, 5th Floor, Udyog Bhavan, Civil Lines,
NAGPUR - 440 001

पर्यावरण, वन एवं जलवायु परिवर्तन विभाग
Ministry of Environment, Forest & Climate Change
पश्चिम कार्यालय (पश्चिम मध्य क्षेत्र)
Regional Office (Western Central Zone)
पृथ्वी, पूर्व खंड / Ground Floor, East Wing
नया सचिवालय भवन / New Secretariat Building
सिविल लाईन्स / Civil Lines
नागपुर / Nagpur-440 001

18/04/2019

MAHARASHTRA POLLUTION CONTROL BOARD
Kalptaru Point, 3rd Floor, Sion Circle,
Opp. Cine Planet Cinema, Sion (E),
Mumbai - 400 022.
Tel: 24010437 / 24020781

जायवक उद्योगक लिपिक
प्रदेशिक कार्यालय
महाराष्ट्र प्रदुषण निबन्धन मंडळ
18 APR 2019
उद्योग भवन 5^थ मंजूर माला,
सिविल लाईन्स, नागपुर.

**Fly Ash Notification S.O. 2804(E), 3rd November, 2009 -
Statutory Compliance Report for the period 01.04.2018 to 31.03.2019**

S. No.	Item	Reply
1	Name of Thermal Power Station	Vidarbha Industries Power Ltd, Butibori, Nagpur, 2x 300 MW Butibori Thermal Power Station
2	Full address including Pin code	Vidarbha Industries Power Ltd, Plot No: D-3, MIDC, Butibori Industrial Area, Nagpur, Pin- 441122
3	E-mail address	biswambar.panda@relianceada.com
4	Name of the Nodal Officer (not below the rank of DGM / Dy.CE / or equivalent) dealing with ash/environment management and designation	Biswambar Panda AVP
5	Contact No.	01704-305610
6	Fax No.	07104-305720
7	Capacity of the Thermal Power Station (MW)	2x300 MW
8	Details of Number of Units and capacity of each unit	2 Units of 300 MW Capacity
9	Coal / Lignite Consumption in 2018-2019 (Million Tonnes)	14,37,662

A. Ash Generation in 2018-2019 (in tonnes).

10	Bottom Ash	94,097
11	Fly Ash	3,76,393
	Total A (10 to 11)	4,70,490

B. Ash unutilised (in tonnes)

12	Ash Pond disposal	69,921
13	Ash yard	--
14	Ash Dump	--
	Total B (12 to 14)	69,921

C. Ash utilization in 2018-2019(in tonnes)

	Purpose for which ash is utilized	Target (as per action plan)	Actual			Total(1+2+3)
			From ESP Dry Ash (1)	From Pond Ash (2)	From Bottom Ash (3)	
15	Ash pond dyke rising		-	-	-	-
16 *	Cement industry		85,137	-	-	85,137
17	Land fill		-	-	-	-
18	Own Brick Unit		-	-	-	-

19 *	Outside brick Units other than brick kilns	-	-	-	-
20*	Brick Kilns	-	-	-	-
21	Own ash based products (other than bricks)	-	-	-	-
22	Ash based products (outside)	2,21,335	-	-	2,21,335
23 *	Road and Flyover Embankments	-	1,26,372	3,15,988	4,42,370
24 *	Back filling of mines	-	-	-	-
25	Agriculture	-	-	-	-
26	Ready mix concrete	-	-	-	-
27	Asbestos	-	-	-	-
28 *	Exports	-	-	-	-
29	Others (please specify)	-	-	-	-
	Total C (15 to 29)	3,06,472	1,26,372	3,15,988	7,48,832

D. Reasons for variation from the target

1. Achieved the Fly Ash Utilization targets as per MoEFCC Norms

E. Remedial Measures taken

Additional Measure taken:-

1. Continuously exploring new vendors and avenues for possibilities of more ash Utilization through our business group.
2. Pursuing with Collector, NHAI, for Ash utilization in Road construction.

F. Quantity in ash pond

30.	Estimated quantity of Pond ash in active ash pond (pond in use) as on 31.03.2019 (Million Tonnes)	1,99,985
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G. Ash Pond Details

		Forest Area	Non Forest Area	Total
31	Total area ear marked for ash ponds (ha)	NA	34.35	34.35
32	Ash ponds already filled dup and reclaimed (ha)	NA		
33	Ash ponds already filled up but yet to be reclaimed (ha)	NA		
34	Ash ponds in use (ha) (Active ash ponds)	21.04		
35	Area earmarked for ash ponds but ash ponds yet to be constructed (ha)	13.31		

H. Dry ash collection facilities

36	Dry fly ash collection facility available	√ Yes/ No
37	If yes, how many units	3 Nos of Silos

I. Dry fly ash storage

38	Daily Ash Generation (TPD)	Capacity of storage as on 31.3.2019 (tonnes)	Capacity proposed if any in 2018-2019 (tonnes)
	1333	1000x3 nos in Silo	No

J. Capital Expenditure (Rs. Lakhs)

	Item	Item Expenditure in 2018-2019(Rs. Lakhs)	Budgetary provision in 2018-2019 (tonnes)
39	Bottom Ash collection facility	NIL	NIL
40	Dry fly ash storage	NIL	NIL

K. Dispute Settlement Committee

41	No. of meetings held in 2018-2019	If no meetings were held, reason for the same
	NIL	There was no dispute in FY 2018-2019, therefore no meeting called up.

L. Provision regarding supply to the brick kilns

42	Whether the Thermal Power Station is maintaining month-wise records of ash made available to each brick kiln	There was no demand raised from any Bricks Kiln operators in the vicinity.		
43	If yes, how many brick kilns have been supplied with fly ash	NA		
	Mode of transport of Ash: Truck / Trailer / Closed Container / Covered with Tarpaulin / Open	44	Dry ash	<ul style="list-style-type: none"> • Truck covered with tarpaulin • Trailer covered with tarpaulin • Closed container • Through Pipeline • Truck covered with tarpaulin
		45	Wet Ash	


M. Promotional Measures

		No. of meetings / workshops / exhibition held during 2018-2019	Amount spent in 2018-2019(Rs. Lakhs)	Outlay for 2018-2019 (RS. Lakhs)
46	Public Awareness Campaign			
47	Exhibitions			
48	Seminars / Workshops	1nos	50,000/-	50,000/-

49	Advertisement in Newspapers	1 Nos	10,000/-	10,000/-
50	TV / Radio Advertisements			
51	Others (Please specify) a) Meeting with Cement Industries b) Meeting with experts in the field of Environment	8nos	35,000/-	75,000/-
	Total M (46 to 51)		95,000/-	1,35,000/-

52. Administrative Measure taken

S.No.	Administrative Measure	Outcome
(i)	Meeting with brick manufacturers	Bricks manufactures agreed to take ash from VIPL for their requirements and started lifting ash.
(ii)	Meeting with State Government / Agencies	1. NOC and clearance from all related government office received to start dumping bottom ash in nearby abandoned quarries, as off now bottom ash stock is very low, we will start dumping ash immediately after availability of surplus bottom ash. Further to get BG extension against NOC is required. 2. Discussion with NHAI vendors for Samrudhi Mahamrg is in progress (E.g. Megha engineering and infrastructure Ltd, Afcon Pvt Ltd). for utilization of ash for road construction and RMC plant 3. Discussion Butibori fly over vendor T&T Infra is in progress for utilization of ash for road embankment purpose.
(iii)	Any other measure (please specify)	Continuously exploring new vendors and low lying areas for ash filling to increase the Ash utilization


Signature of the Plant Head

Name: Ashesh Padhy
Designation: Station Director
Date: