AARTI INDUSTRIES®

Ref No. : AARTI/VAPI/ENV/ACD/2025-2026/004 **GPCB ID:- 22987**

Date:- 29.04.2025

To,
The Environmental Engineer- Unit Vapi,
Gujarat Pollution Control Board,
Paryavaran Bhawan, Sector-10 A,
Gandhinagar - 382 010.

Sub.:- Annual compliance report as per the notification on ash utilization from thermal power plant (captive or co-generating) power plants for the period April'24 to March'25

Respected Sir,

With reference to the above subject, we are herewith submitting the annual compliance report as per the notification on ash utilisation from thermal power plant (captive or co-generating) for the period April 24 to March 25 in the prescribed Annexure for your reference and record please.

We hope you will find the above in the order.

Thanking you,

For, **Aarti Industries Limited (Acid Division)**

Authorized Signatory

Enclosure: As above
Copy To:-

1. The Regional Director, Central Pollution Control Board, Parivesh Bhawan, Atmajyoti Ashram Rd, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara, Gujarat 390023.

2. Deputy Director General of Forests (C), Ministry of Environment Forest and Climate Change, Regional Office, Gandhinagar, Gujarat.

3. Central Electricity Authority. Sewa bhawan R. K Puram, Sector 1 New Delhi.

4. The Regional Officer, Gujarat Pollution Control Board, GIDC VAPI, Gujarat-396195.

Ash Compliance Report
(April-24 to March-25)

Sr No.	Details	
1	Name of Power Plant	Cogeneration power plant (CPP)
2	Name of the company	Aarti Industries Ltd. (Acid Division) (XGN ID 22987)
3	District	Valsad
4	State	Gujarat
5	Postal address for communication:	Plot No.802,803,804/3, Phase III, GIDC - Vapi
6	E-mail:	**env.acid@aarti-industries.com**
7	Power Plant installed capacity (MW):	2.35 MWH
8	Plant Load Factor (PLF):	Not applicable
9	No. of units generated (MWh):	Cogeneration plant I: 1.44 MWh
10	Total area under power plant (ha): (including area under ash ponds)	We are a captive cogeneration power plant facility along with a chemical manufacturing unit. **No ash ponds are applicable.**
11	Quantity of coal consumption during reporting period (Metric Tons per Annum):	Power boiler: 44805.09
12	Average ash content in percentage (per cent):	8.6 %
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):	Fly Ash from Power Boiler - 3889.28 MT Bottom Ash - bottom ash is being mixed with fly ash and sent to a brick manufacturer.
14	Capacity of dry fly ash storage silo(s) (Metric Tons) :	50 MT
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): (i) Fly ash based products (bricks or blocks or tiles or fibre 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 fly over embankment: (vii) Construction of dams: (viii) Filling up of low lying area:	 (a) 3889.28 MT (b) (i) 3889.28 MT (Utilization for Bricks)

	(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): (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: (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): Total quantity of current ash unutilised (MTPA) during reporting period:	(c) Recycled : Bottom ash is being mixed with fly ash and recycled.
16	Percentage utilisation 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 into ash ponds during reporting period (m3): (d) Total number of ash ponds: (i) Active: (ii) Exhausted (yet to be reclaimed): (iii) Reclaimed: (e) total area under ash ponds (ha):	Not Applicable
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 (b) Date of start of ash disposal in ash pond (DD/MM/YYYY or MM/YYYY): (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

	(c) area (hectares): (d) dyke height (m): (d) 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): (e) co-ordinates (Lat and Long): (please specify minimum 4 co-ordinates) (f) type of lining carried in ash pond: HDPE lining or LDPE lining or clay lining or No lining g) mode of disposal: Dry disposal or wet slurry (in case of wet slurry please specify whether HCSD or MCSD or LCSD) (h) Ratio of ash: water in slurry mix (1:___): (i) Ash water recycling system (AWRS) installed and functioning: Yes or No (j) Quantity of wastewater from ash pond discharged into land or water body (m3): (k) Last date when the dyke stability study was conducted and name of the organisation who conducted the study: (l) Last date when the audit was conducted and name of the organisation who conducted the audit:	
19.	Quantity of legacy ash utilized (MTPA): i. Fly ash based products (bricks or blocks or tiles or fibre 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:	(i) 00.00 MT (No Legacy ash available)

	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):	
20.	Summary:	
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:- moefcc-coalash@gov.in	Not Applicable
22.	Signature of Authorised Signatory	

Details	**Quantity generated (MTPA)**	**Quantity utilised (MTPA) and (per cent)**	**Balance quantity (MTPA)**
Current ash during reporting period	3889.282	3889.282 and 100%	**00.00**
Legacy ash	0.0	0.0	0.0
Total	**3889.282**	**3889.282 and 100%**	**00.00**