

24<sup>th</sup> April 2025  
AIL/JH/2025/ENV/038

XGN ID : 14855

To,  
The Environmental Engineer-Ankleshwar Unit  
Gujarat Pollution Control Board,  
Paryavaran Bhavan, Sector 10A,  
Gandhinagar - 382010

**Sub.: Annual compliance report as per the Fly Ash notification, 2021 on ash utilisation from thermal power plant (captive or co-generating) for the period April 2024 to March 2025**

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 2024 to March 2025 in the prescribed Annexure-1 for your reference and record please.

We hope you will find the above in the order.

Thanking you,

For, Aarti Industries Limited

  
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. Regional Officer, GPCB, Ankleshwar
5. E-mail to moefcc-coalash@gov.in

**www.aarti-industries.com | CIN : L24110GJ1984PLC007301**

**Regd. Office :** Plot No. 801, 801/23, IIIrd Phase, GIDC Vapi - 396 195, Dist. Valsad. INDIA. T : 0260-2400366.

**Factory :** Plot No. 758 /1, 2 & 3, Survey No. 359 & 360, GIDC Estate, Jhagadia, Taluka. Jhagadia, Dist. Bharuch, Gujarat - 393110. INDIA. T : 9537011711, 9537011811.

**Admin. Office :** 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.  
T : 022-67976666, F : 022-2565 3234 | E : info@aarti-industries.com

**Annexure-1**

**Ash Compliance Report (for the period 1st April 2024 - 31st March 2025)**

Sr No.	Details	Compliance
1	Name of Power Plant	Cogeneration power plant (CPP)
2	Name of the company	M/s Aarti Industries Limited
3	District	Bharuch
4	State	Gujarat
5	Postal address for communication:	Plot No. 758/1-2-3, GIDC Industrial Estate, Jhagadia-393110, Dist : Bharuch, Gujarat
6	E-mail:	env-pearl@aarti-industries.com
7	Power Plant installed capacity (MW):	4.5 MWH
8	Plant Load Factor (PLF):	Not applicable
9	No. of units generated (MWh):	2.74 MWh
10	Total area under power plant (ha): (including area under ash ponds)	5786.0 m2
11	Quantity of coal consumption during the reporting period (Metric Tons per Annum):	89751.10 MT/Annum
12	Average ash content in percentage (per cent):	6.84%
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):	6192.16 MT/Annum
14	Capacity of dry fly ash storage silo(s) (Metric Tons) :	157 MT
15	Details of utilization of current ash generated during reporting period  (a) Total quantity of current ash utilized (MTPA) during reporting period:  (b) Quantity of fly ash utilized (MTPA): (i) Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels)	  (a) 6192.16 MT/Annum  (b) 4953.73 MT/Annum  (i) Fly ash based products (bricks or blocks)



	<p>(ii) Cement manufacturing:</p> <p>(iii) Ready mix concrete:</p> <p>(iv) Ash and Geo-polymer based construction material:</p> <p>(v) Manufacturing of sintered or cold bonded ash aggregate:</p> <p>(vi) Construction of roads, road and fly over embankment:</p> <p>(vii) Construction of dams:</p> <p>(viii) Filling up of low lying area:</p> <p>(ix) Filling of mine voids:</p> <p>(x) Use in overburden dumps:</p> <p>(xi) Agriculture:</p> <p>(xii) Construction of shoreline protection structures in coastal districts;</p> <p>(xiii) Export of ash to other countries:</p> <p>(xiv) Others (please specify):</p> <p>(c) Quantity of bottom ash utilized (MTPA):</p> <p>(i) Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels):</p> <p>(ii) Cement manufacturing:</p> <p>(iii) Ready mix concrete:</p> <p>(iv) Ash and Geo-polymer based construction material:</p> <p>(v) Manufacturing of sintered or cold bonded ash aggregate:</p> <p>(vi) Construction of roads, road and flyover embankment:</p> <p>(vii) Construction of dams:</p> <p>(viii) Filling up of low lying area:</p> <p>(ix) Filling of mine voids:</p> <p>(x) Use in overburden dumps:</p> <p>(xi) Agriculture:</p> <p>(xii) Construction of shoreline protection structures in coastal districts:</p> <p>(xiii) Export of ash to other countries:</p> <p>(xiv) Others (please specify): Total quantity of current ash unutilised (MTPA) during reporting period:</p>	<p>(c) 1238.43 MT/Annum</p> <p>(i) Fly ash based products (bricks or blocks)</p>
16	Percentage utilization of current ash generated during the reporting period (per cent):	100 %
17	<p>Details of disposal of ash in ash ponds</p> <p>(a) Total quantity of ash disposed in ash pond(s) (Metric Tons) as on 31st March (excluding reporting period):</p>	Not applicable



	<p>(b) Quantity of ash disposed in ash pond(s) during reporting period (Metric Tons):</p> <p>(c) Total quantity of water consumption for slurry discharge into ash ponds during reporting period (m3):</p> <p>(d) Total number of ash ponds:  (i) Active:  (ii) Exhausted (yet to be reclaimed):  (iii) Reclaimed:</p> <p>(e) total area under ash ponds (ha):</p>	
18.	<p>Individual ash pond details  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 MM/YYYY):</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 (m3):</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 coordinates)</p>	Not applicable



	<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 (m3):</p> <p>(k) Last date when the dyke stability study was conducted and name of the organization who conducted the study:</p> <p>(l) Last date when the audit was conducted and name of the organization who conducted the audit:</p>	
19.	<p>Quantity of legacy ash utilized (MTPA):</p> <p>i. Fly ash based products (bricks or blocks or tiles or fiber cement sheets or pipes or boards or panels):</p> <p>ii. Cement manufacturing:</p> <p>iii. Ready mix concrete:</p> <p>iv. Ash and Geo-polymer based construction material:</p> <p>v. Manufacturing of sintered or cold bonded ash Aggregate:</p> <p>vi. Construction of roads, road and flyover embankment:</p>	<p>Not applicable</p> <p>There is no legacy fly ash stored or utilized during the reporting period.</p>



	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):																	
20.	<p>Summary:</p> <table border="1"> <thead> <tr> <th>Details</th><th>Quantity generated (MTPA)</th><th>Quantity utilized (MTPA) and (per cent)</th><th>Balance quantity (MTPA)</th></tr> </thead> <tbody> <tr> <td>Current ash during reporting period</td><td>6192.16 MT</td><td>6192.16 MT &amp; 100%*</td><td>0 MT</td></tr> <tr> <td>Legacy ash</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td><b>Total</b></td><td>6192.16 MT</td><td>6192.16 MT &amp; 100%*</td><td>0 MT</td></tr> </tbody> </table>	Details	Quantity generated (MTPA)	Quantity utilized (MTPA) and (per cent)	Balance quantity (MTPA)	Current ash during reporting period	6192.16 MT	6192.16 MT & 100%*	0 MT	Legacy ash	0	0	0	<b>Total</b>	6192.16 MT	6192.16 MT & 100%*	0 MT	
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Legacy ash	0	0	0															
<b>Total</b>	6192.16 MT	6192.16 MT & 100%*	0 MT															
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	Noted																
22.	Signature of Authorized Signatory	 																