

No. JKCW/ENV/ Flyash-Annual/ 2021-22/50/29**Date: 15.04.2022**

To,
The Member Secretary,
Karnataka State Pollution Control Board,
Parisara Bhavan, #49,4th & 5th Floor,
Church Street, Bangalore-560001

Sub: Submission of Annual flyash Compliance report for the period **April-2021 to March-2022** as per flyash notification S.O 763 (E) dated 14th September 1999 & S.O.5481 (E) dated: 31.12.2021.

This is with reference to the above cited subject matter; we are here by furnishing the duly filled flyash Compliance report for the period **April-2021 to March-2022** of M/s. JK Cement Works, Muddapur (Unit: J.K. Cement Ltd) in the prescribed format is enclosed for your perusals.

Kindly acknowledge the receipt.

Thanking you,

Yours faithfully

For J.K. Cement Works (Unit: J.K. Cement Ltd), Muddapur (Karnataka)


Umashankar Choudhary

(Unit Head)

CC:

- 1.The Addl. Principle Chief Conservator of Forest (C), Ministry of Environment & Forests Regional Office (South Zone) Kendriya Sadan, 4th floor, E&F Wings, 17th Main road, IIInd Block, Koramangala, Bangalore- 560034
- 2.Additional Chief Secretary, Department of Forest, Ecology and Environment, GOK.
- 3.The Member Secretary, Central Pollution Control Board, Parivesh Bhavan, CBD cum-Office Complex, East Arjun Nagar, Delhi – 110032
- 4.Scientist 'D' & In-charge, Central Pollution Control Board, 1st & 2nd Floors, Nisarga Bhavan, A-Block, Thimmaiah Main Road, 7th D Cross, Shivanagar, Opp. Pushpanjali Theatre, Bengaluru – 560 010, Ph. No. - 080-23233827
- 5.The Environmental Officer, KSPCB, Sector no.07, by pass road, Navanagar, Bagalkot
- 6.Deputy Director, TCD, Central Electricity Authority, Sewa Bhavan, RK Puram, Sector-1, New Delhi -110 066.

Corporate Office

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Ash Compliance Report (for the period 1st April 21 to 31st March 22) FY 2021-22

S. No.	Details	
1	Name of Power Plant	Captive Power Plant (CPP)
2	Name of the company	JK Cement Works (Unit JK cement Ltd), Muddapur
3	District	Bagalkot
4	State	Karnataka
5	Postal address for communication:	JK Cement Works (Unit JK cement Ltd) P.O Muddapur, Taluka:Mudhol,Dist: Bagalkot, Karnataka-587122
6	E-mail:	r.durgaram@jkcement.com
7	Power Plant installed capacity (MW):	2 X 25
8	Plant Load Factor (PLF):	76 %
9	No. of units generated (MWh):	78877.990
10	Total area under power plant (ha): (including area under ash ponds)	10 (No ash pond in CPP)
11	Quantity of coal consumption during reporting period (Metric Tons per Annum):	75159
12	Average ash content in percentage (per cent):	18.7
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):	 12740.12 1326.65
14	Capacity of dry fly ash storage silo(s) (MT) :	2 x 90 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 (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:	 14066.77 12740.12

	(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):	
	(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:	1326.65
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 into ash ponds during reporting period (m3): (d) Total number of ash ponds:	NA

	(i) Active: (ii) Exhausted (yet to be reclaimed): (iii) Reclaimed (e) total area under ash ponds (ha):	
18	<p>Individual ash pond details (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 (m3):</p> <p>(e) quantity of ash disposed as on 31st Mar (MT):</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 (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>	NA

19	Quantity of legacy ash utilised (MTPA):			NIL
	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):			
20	Summary:			
	Details	Quantity generated (MTPA)	Quantity utilised (MTP) and (per cent)	Balance quantity (MTP)
	Current ash during reporting period	14066.77	14066.77 (100 %)	Nil
	Legacy ash	-	-	-
	Total	14066.77	14066.77 (100 %)	Nil
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:- moefcccoalash@gov.in			

Signature of the authorized signatory :

Name :

Umashankar Choudhary

Designation :

Unit Head

Date :

14.04.2022