

Annexure

Ash Compliance Report (for the period 1st April-31st March) to be submitted on or before 31st May.

Period: 1st April 2022 to 31st March 2023

Sl. No.	Details	
1.	Name of Power Plant	Captive Co-generation Power Plant
2.	Name of the company	Tata Chemicals Limited
3.	District	Devbhumi Dwarka
4.	State	Gujarat
5.	Postal address for communication:	Tata Chemical Ltd, Mithapur, Dist. Devbhumi Dwarka, Pin 361345
6.	E-mail:	onlinecpp@tatachemicals.com
7.	Power Plant installed capacity (MW):	85 MW
8.	Plant Load Factor (PLF):	For captive use only
9.	No. of units generated (MWh):	526279 MWh
10.	Total area under power plant (ha):(including area under ash ponds)	captive power plant is located within existing chemicals complex
11.	Quantity of coal consumption during reporting period (MetricTons per Annum):	Coal: 832359 MT/Annum
12.	Average ash content in percentage (percent):	< 10 %
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):	Total ash generation: 88,860 Metric Tons per Annum (including fly ash and bottom ash)
14.	Capacity of dry fly ash storage silo(s) (Metric Tons) :	Existing
15.	<p>Details of utilization of current ash generated during reporting period</p> <p>(a) Total quantity of current ash utilized (MTPA) during reporting period:</p> <p>(b) Quantity of fly 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 fly over embankment:</p> <p>(vii) Construction of dams:</p>	<p>(a) 88860 Metric Tons per Annum</p> <p>(b) Utilised quantities:</p> <p>(i) 54,822 Metric Tons supplied to brick manufacturers</p> <p>(ii) 11,727 Metric Tons Captive Cement plant</p> <p>(vi) 22,311 Metric Tons for bund making in Captive Salt Works</p>

	<ul style="list-style-type: none"> (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): <p>(c) Quantity of bottom ash utilized (MTPA):</p> <ul style="list-style-type: none"> (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): <p>Total quantity of current ash unutilized (MTPA) during reporting period:</p>	<p>Utilisation included in item 15 (a) and (b)</p>
16.	Percentage utilization of current ash generated during reporting period (per cent):	100%
17.	<p>Details of disposal of ash in ash ponds</p> <ul style="list-style-type: none"> (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: <ul style="list-style-type: none"> (i) Active: (ii) Exhausted (yet to be reclaimed): 	Not applicable

	(iii) Reclaimed: (e) total area under ash ponds (ha):	
18.	<p>Individual ash pond details <i>Ash pond-1,2, etc (please provide below mentioned detailsseparately, if number of ash ponds is more than one)</i></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 orMMYYYY):</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 ashcan 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 LDPElining or clay lining or No lining</p> <p>g) mode of disposal: Dry disposal or wet slurry (in case of wetslurry 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 landor water body (m3):</p> <p>(k) Last date when the dyke stability study was conducted andname of the organization who conducted the study:</p> <p>(l) Last date when the audit was conducted and name of theorganization who conducted the audit:</p>	Not Applicable
19.	<p>Quantity of legacy ash utilized (MTPA):</p> <ol style="list-style-type: none"> 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: 	Not applicable

	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: Others (please specify):			
Summary: Quantities in Metric Tons per Annum (MTPA)				
	Details	Quantity generated (MTPA)	Quantity utilized (MTPA) and (percent)	Balance quantity (MTPA)
20.	Current ash during reporting period	88860 MTPA	88860 MTPA and 100%	Nil
	Legacy ash	Nil	Nil	Nil
	Total	88860 MTPA	88860 MTPA and 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:- moefcc-coalash@gov.in	Captive Co-generation Power Plant		
22.	Signature of Authorized Signatory			