FORM – V

(See rule 14)

Environmental Statement for the financial year ending the 31st March 2026

PART – A

(i) Name & address of the owner/ occupier of the industry, operation or process

Mr. R. Mukundan, Managing Director, Tata Chemicals Limited

Bombay House, 24, Homi Modi Street, Fort, Mumbai – 400 001

Contact Person: Mr. Sanjeev Jain, AGM – EMS, Tata Chemicals Limited, Mithapur – 361 345

Contact No. 02892-67-5270, M- 92271 94082

(ii) Industry category Primary (STC Code), Secondary (STC Code)

Soda Ash, Captive Power Plant, Chloro-caustic, Vacuum Salt, Bromine and Cement

(iii) Production Capacity- Units

Sr. No.	Product	Consent Capacity
1	Soda Ash	13,16,000 MT/Year
2	Sodium Bi Carbonate (All grades)	3,50,000 MT/Year
3	Vacuum Salt & Pure Salt	16,00,000 MT/Year
4	Caustic Soda	36,000 MT/Year
5	Liquid Chlorine	18,000 MT/Year
6	Hydrochloric Acid 33%	64,800 MT/Year
7	Bromine	3,600 MT/Year
8	Hydro-Bromic Acid	37 MT/Year
9	Gypsum	1,34,892 MT/Year
10	Clinker	8,25,000 MT/Year
	Cement (OPC/PPC)	7,87,000 MT/Year
11	Desalination water (RO Plant)	21,60,498 M^3/Year
12	Steam	1,057 Ton/Hr
13	Power	125 MW
14	Sodium Hypochlorite	100 MT/Day

(iv) Year of establishment: 1939

(v) Date of last environmental statement: August-2025

PART – B

Water and Raw Material Consumption

(i) Water Consumption (m3/day)

Category	FY 2024-25		FY 2025-26	
	Sea Water	Fresh Water	Sea Water	Fresh Water
Process	31912	Nil	27424	Nil
Cooling	164700	Nil	199860	Nil
Domestic	2934	Nil	2925	Nil
Total (m3/day)	199545	Nil	230209	Nil
Process water consumption per unit of product output (KL/MT)				
Name of Products	**FY 2024-25**		**FY 2025-26**	
	Sea Water	**Fresh Water**	**Sea Water**	**Fresh Water**
Soda Ash	13.46	Nil	9.90	Nil

(ii) Raw Material Consumption

	Name of Products	Unit	Consumption of Raw Material Per unit of output	
			FY 2024-25	FY 2025-26
Salt as such (With Demag)	Soda Ash	T/T	1.991	1.851
Limestone		T/T	1.238	1.234
Coke + Coal		T/T	0.101	0.099
Ammonia		Kg/T	2.279	2.123
Sodium Sulphide		Kg/T	1.832	1.748
Soda Ash For Purification		T/T	0.050	0.048
Soda Ash	Sodium Bicarbonate	T/T	0.71	0.71
Chlorine	Bromine	T/T	0.977	0.95
HCL		T/T	8.178	8.57
Caustic Soda		T/T	1.34	1.08
Chlorine	Hydrochloric Acid	T/T	0.290	0.294
Hydrogen		T/T	0.009	0.009
Salt	Caustic Soda	T/T	1.649	1.632
Brine	Vacuum Salt	KL/T	6.20	5.924
Limestone	Clinker	T/T	1.493	1.422
Clay/ Silica Sand		T/T	0.109	0.151
Marl		T/T	0.018	0.014
Tailing Waste		T/T	0.043	0.091
ESF Cake		T/T	0.083	0.077
Flyash		T/T	0.008	0.004
Clinker	Cement	T/T	0.876	0.920
Gypsum		T/T	0.047	0.045
Fly ash		T/T	0.022	0.017
Slag		T/T	0.050	0.018

PART – C

Pollution discharged to environment/unit of output

(Parameters as specified in the consent issued)

(a) Water

Pollutants	Quantity of pollutants discharged (mass/day) TPD	Unit	Concentration of pollutants in discharges (mass/ volume)	Percentage of variation from prescribed standards with reasons
Industrial Treated Water				
Total Suspended Solids	12.35	mg/l	71.10	Well within the prescribed norms
Ammonical Nitrogen	0.28	mg/l	1.62	
Color	-	Pt-Co-Scale	8.33	
pH	-	-	8.34	
Temperature	-	°C	26.55	
Oil & Grease	-	mg/l	BDL	
Bioassay Test	-	-	Pass	
Treated Water Flow	-	M3/Day	173648	
Domestic Treated Water				
Total Suspended Solids	0.011	mg/l	13.46	Well within the prescribed norms
BOD	0.003	mg/l	3.15	
pH	-	-	7.37	
Faecal Coliform	-	MPN/100ml	192.40	
Treated Water Discharge Flow	-	M3/Day	826	
Treated Water Recycled Flow	-	M3/Day	650	Used for Toilet flushing within Township

(b) Air

Pollutants	Quantity of pollutants discharged (mass/day) TPD	Concentration of pollutants in discharges (mass/ volume) mg/Nm3	Percentage of variation from prescribed standards with reasons
Particulate Matter	1.32	10.81	Well within the prescribed norms
Oxides of Sulphur	3.36	18.54	
Oxides of Nitrogen	8.58	85.49	
Chlorine		0.55	
HCl		0.72	
Bromine		0.82	

PART – D

[As specified under Hazardous Wastes (Management & Handling) Rules, 2016]

S.No.	Hazardous Wastes	Total Quantity		
a.	**From process**	**Unit**	**FY 2024-25**	**FY 2025-26**
1	Used or Spent Oil (Schedule I-5.1)	MT	46.69	61.46
2	Waste or Residues Containing oil (Schedule I-5.2)	MT	0.163	1.163
3	Empty Barrels/ Containers (Schedule I-33.1)	Nos	1112	1060
4	Spent Ion Exchange Resin (Schedule I-35.2)	MT	19.84	8.44
b.	**From pollution control facilities**	Not applicable		

Please refer Form-3 for Material Balance

PART – E

Solid Wastes

S. No.	Solid Waste		Total Quantity	
a.	**From process**	**Unit**	**FY 2024-25**	**FY 2025-26**
1	Milk of Lime	MT	74166	70749
2	Static Salt Dissolver Waste	MT	67658	56366
3	Fly Ash	MT	102526	96037
4	Effluent Solid Filtration Waste	MT	210577	221836
b.	**From pollution control facility**	Not applicable		
c. (1) Quantity recycled or re-utilised within the unit				
1	Milk of Lime	MT	Nil	Nil
2	Static Salt Dissolver Waste	MT	Nil	Nil
3	Fly Ash	MT	11455	7214
4	Effluent Solid Filtration Waste	MT	45307	39557
5	Plastic Waste received- Coprocessing in Cement	MT	1021	1271
c. (2) Sold				
1	Milk of Lime	MT	Nil	Nil
2	Static Salt Dissolver Waste	MT	Nil	Nil
3	Fly Ash	MT	61552	69027
4	Effluent Solid Filtration Waste	MT	1261	1030
c. (3) Disposed				
1	Milk of Lime	MT	74166	70749
2	Static Salt Dissolver Waste	MT	Nil	Nil
3	Fly Ash	MT	29519	19795
4	Effluent Solid Filtration Waste	MT	164009	165053
Used in bund making for captive salt works/ greenbelt development				
Other Wastes to Recycler				
1	Battery Waste	MT	5.57	7.45
2	E-Waste	MT	14.79	9.86
3	Plastic Packaging waste	MT	947	1503

PART – F

Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Enclosed Form-4 as Annexure

PART – G

Impact of pollution abatement measures taken on conservation of natural resources and on the cost of production.

Environmental Sustainability Initiatives at Tata Chemicals Limited, Mithapur

Management Systems & Responsible Care
Tata Chemicals Limited, Mithapur is certified to ISO 14001:2015 Environmental Management System (EMS) standards and is a signatory to the Responsible Care initiative, demonstrating its commitment to continual environmental improvement, sustainability, and responsible operations.

Fly Ash Management
Fly ash generated from the Captive Power Plant is 100% utilized. The fly ash is used for:

- Bund and road construction within captive salt works,
- Cement manufacturing, and
- Supply to brick manufacturers and other authorized users.

Effluent and Solid Waste Management
Effluent solids generated from the Soda Ash Plant are filtered through a dedicated Solid Filtration Plant and utilized in cement manufacturing, thereby reducing the consumption of virgin raw materials.
Treated sewage from the Sewage Treatment Plant (STP) is reused as flush water in the township.
STP sludge is utilized as manure for plantation activities.

Company has completed construction activities for laying of treated wastewater pipeline as per Consent to Establish CTE-70701 dated 01.10.2015 and amended further as CTE-107843 dated 02.06.2020 and CTE-142435 dated 30.04.2025 for conversion of open channel discharge into closed pipeline and diffuser system by laying of pipeline on a trestle up to marine outfall point suggested by National Institute of Oceanography (NIO).

TCL has fully commissioned and operationalised the closed pipeline and diffuser system for discharge of treated effluent into the marine outfall point, in line with the recommendations of the National Institute of Oceanography (NIO).

The new pipeline and diffuser system is operational as per GPCB CCA No. AWH-138320 dated 30.05.2026. TCL has permanently closed the operation of existing open Channel for discharge of treated wastewater and initiated activities for restoration to its original condition, as directed by the board vide GPCB directions GPCB Directions (Outward No. 902320) dated 29 May 2026.

Water Conservation and Resource Efficiency
Tata Chemicals operates with zero freshwater withdrawal for process operations. Freshwater and groundwater are not consumed in the manufacturing process due to the adoption of multiple water conservation initiatives. Condensates recovered from the manufacturing process are reused as raw water, and a state-of-the-art membrane-based Reverse Osmosis (RO) plant is operated for producing high-quality desalinated water.

Climate Change and Carbon Reduction Commitment
The company has established a target to reduce absolute carbon emissions by 2030 through optimized utilization of natural resources, improved operational efficiency, and sustainability-focused initiatives.

Hazardous Waste Management
Hazardous wastes such as Used Oil (Category 5.1), Waste Containing Oil (Category 5.2), and certain plastic wastes are disposed of through co-processing in cement kilns and disposed through GPCB approved recycler.

PART – H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

Greenbelt Development and Plantation Activities: Extensive greenbelt and plantation initiatives are being undertaken to enhance carbon sequestration, improve ambient air quality, and strengthen the local ecological environment.

Air Pollution Control Systems: Effective Air Pollution Control (APC) measures, including Bag Filters and Electrostatic Precipitators (ESPs), are operated and maintained across all emission sources. Adequate APC systems have been installed to ensure compliance with emission limits stipulated under Consent conditions.

Online Environmental Monitoring: IoT-based Online Monitoring Systems have been deployed for continuous monitoring and automated transmission of environmental data, thereby enhancing regulatory compliance, transparency, and operational efficiency.

Continuous Emission and Ambient Air Quality Monitoring: Tata Chemicals Limited (TCL) has installed Continuous Emission Monitoring Systems (CEMS) for Particulate Matter (PM), Sulphur Dioxide (SO_2), and Oxides of Nitrogen (NOx). These systems are operational and connected to the Central Pollution Control Board (CPCB) and Gujarat Pollution Control Board (GPCB) servers. Continuous Ambient Air Quality Monitoring Systems (CAAQMS) for $PM_{2.5}$, PM_{10}, SO_2, and NO_2 are also operational.

Online Effluent Monitoring: TCL has installed and operates Online Effluent Monitoring Systems for key parameters including flow, Total Suspended Solids (TSS), temperature, and pH. The monitoring data is continuously transmitted to CPCB and GPCB servers, ensuring real-time regulatory compliance and oversight.

PART – I

Miscellaneous

Any other particulars for improving the quality of the environment.

Occupational Health, Safety and Environmental Awareness Initiatives

- Environmental Awareness and Community Engagement: To promote environmental stewardship, the organization regularly observes environmental occasions such as World Environment Day, World Ozone Day, Sustainability Month, and International Day for Biological Diversity. Activities include tree plantation drives, coastal clean-up campaigns, plastic waste collection initiatives, employee engagement programs, and environmental awareness campaigns involving employees, government officials, and local communities.
- Environmental Education and Employee Participation: The company actively conducts environmental awareness programs and employee engagement initiatives to foster environmental responsibility and encourage sustainable practices across the workforce and surrounding communities.
- Occupational Health and Safety Management: Adequate occupational health and safety measures have been implemented across the facility to ensure a safe and healthy working environment for employees and contract workers.
- Personal Protective Equipment (PPE) and Noise Control: Appropriate Personal Protective Equipment (PPE) is provided to all employees and workers based on job-specific risk assessments. Ambient noise levels are monitored regularly and maintained within prescribed limits. Hearing protection devices, including earmuffs and earplugs, are provided in high-noise areas such as boiler houses and compressor facilities.
- Occupational Health Surveillance: Comprehensive occupational health surveillance programs are implemented, including pre-employment and periodic medical examinations. Health records are maintained in accordance with applicable statutory and regulatory requirements.
- Medical and Emergency Response Infrastructure: The facility is equipped with an Occupational Health Centre, ambulances, a full-time medical officer, and well-established fire protection systems comprising hydrant networks, fire alarm systems, and an emergency control room to ensure prompt emergency response.
- Emergency Preparedness and Disaster Management: The industry has developed and implemented onsite and offsite emergency preparedness plans, including gas leakage management procedures. These plans are integrated with the District Disaster Management Plan. Emergency response display boards and precautionary guidelines are prominently installed at strategic locations to enhance preparedness and public awareness.
- Environmental expenditures:

Environmental Expenditure	Cost (in INR)
Cost for Environment Management System	2,62,57,940
Cost for Effluent management System	14,69,16,000
Cost for operation and maintenance of STP	44,16,000

CSR Activities:

Various CSR activities conducted in surrounding community by Tata Chemicals Society for Rural Development (TCSRD). Details are available on TCSRD website www.tcsrd.org.

Environment audit: Environment audit for Financial Year 2025-26 completed by Schedule-I Auditor appointed by GPCB.

Awards and Recognition: details of the awards and recognition received by the company during FY2026 are available in comapany's webportal:
https://www.tatachemicals.com/investors/financials/annual-reports