

Atc.

Cipla

Letter No.: KSPCB/25-26/19

Date: 29.09.2025

To,
The Member Secretary
Karnataka State Pollution Control Board,
Parisara Bhavan,
4th & 5th Floor, Church Street,
BANGALORE – 560001.

Sub: Submission of annual water, air, Hazardous waste Returns (Form-V-Environmental Audit Statement) for the year April-2024 to March- 2025 - Reg.

Dear Sir,

With reference to the above subject, please find enclosed here with Annual returns of water, air, and Hazardous waste returns (Form-V – Environmental Audit Statement) in the prescribed format for the year April- 2024 to March -2025

Kindly acknowledge the receipt of the same.

Thank you,

Yours faithfully,
For CIPLA LIMITED.

Radhakrishnan 29.09.2025
Authorized Signature

CC: The Regional Officer,
Mahadevapura- KSPCB, 3rd Floor,
Nisarga Bhavan, Thimmaiah road,
7th 'D' cross, Shivanagar,
BANGALORE – 560010.

Encl : As above.



Cipla Ltd.

Virgonagar, Old Madras Road, Bangalore - 560 049, India.
P +91 80 46912363, 46912401

Regd. Office - Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013, India.

P +91 22 24826000 F +91 22 24826120 W www.cipla.com E-Mail contactus@cipla.com Corporate Identity Number L24239MH1935PLC002380

✓
Verified.
29.09.2025

OK.

Cipla

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29.09.2025

**ENVIRONMENTAL AUDIT
STATEMENT
2024- 2025**

**CIPLA Ltd
BANGALORE**

ENVIRONMENTAL AUDIT STATEMENT REPORT

GENERAL INFORMATION

1	A) Name of the Industry	:	CIPLA LIMITED
	Address	:	Virgonagar Industrial Area, Old Madras Road, Bangalore – 560 049
	State	:	Karnataka
	Phone	:	080- 28471180
	Email	:	ciplablr@cipla.com
2	Ownership	:	Public Limited Company
3	Products Manufactured	:	Enclosed in Report
	a) Consented Capacity	:	Enclosed in Report
4	Year of establishment	:	1972
5	OPERATION DURING THE PERIOD OF AUDIT		
	a) Working days per year	:	365
	b) Working days per week	:	6 & 5 days alternatively
	c) No. of working shifts	:	G+3
6	No. of Employees	:	470
7	Current Approvals	:	Factory License: MYB 3834 Pollution Control Board consent for Water, Air, Authorization for Hazardous Waste Storage & disposal
	Water Consent	:	CFO No.: AW-325339 Valid up to: 30.06.2026
	Air Consent	:	CFO No.: AW-325339 Valid up to: 30.06.2026
	Hazardous waste authorization	:	Authorization No.: 326736 Valid up to 30.06.2026

ENVIRONMENTAL AUDIT STATEMENT REPORT

INTRODUCTION

1. PREFACE:

M/s. Cipla Limited is a professionally managed Public Limited Company established in 1935. It manufactures and markets a wide range of Pharmaceutical Bulk Drugs.

The Corporate headquarters is located in Mumbai Central, where senior qualified corporate personnel are available to provide support to the manufacturing plants in the areas of Technology, Research and Development, Manufacturing, Engineering projects, Quality Control, Quality Assurance and Safety, Health & Environment

1.1 BRIEF DESCRIPTION OF THE SITE:

Cipla limited Bangalore plant started manufacturing activities 1977. It is situated on the Old Madras Road highway at a distance of about 18 km from Bangalore city and is about half an hour drive from the city.

The total area of the site is 60,986 square meters (15.1 acres) with a built-up area of 38,628 square meters. (9.55 acres). There are separate buildings for the manufacture of bulk drugs. The bulk drug manufacturing area is around 19,709 square meters. Adequate open space is provided between various buildings. No activity other than manufacturing of bulk drugs is carried out at the site.

The immediate environment comprises of engineering, chemical, packaging, and electronic industries.

The factory has strength of about 470 employees, approx. 459 of which are in the management category, the rest being workmen. 298 Contractor employees work inside premises.

The atmospheric temperature varies from 23.0°C to 40.0°C. The difference of maximum and minimum temperature is more or less constant throughout the year except in rainy seasons.

Site is well planned, and layout is made accordingly. Risk prone areas are isolated from the rest of the area and easy access is provided to handle incidents if any. Site is available to show built up and vacant space.

ENVIRONMENTAL AUDIT STATEMENT REPORT

1.2 QUALITY MANAGEMENT:

The company's quality policy states:

The company is committed to ensuring that every product it manufactures and distributes consistently meets with present standards of quality, purity, efficacy, and safety.

Quality is a collective responsibility. Excellence in products, processes and systems is achieved through the team efforts of trained personnel of the company.

The implementation of the Quality Policy is done through quality systems based on Current Good Manufacturing Practices in the conformity with national and international standards. The rule of Quality Assurance is to co-ordinate to develop and maintenance Company's quality procedures and systems. This is achieved by a combination of systematic sampling, testing, validating, monitoring, and auditing of materials, facilities, systems and procedures which can influence the quality of the Company's products throughout their shelf-life.

There are authorized Standard Operating Procedures for all operations including production, quality control, materials management, warehousing and distribution, safety, environmental controls, housekeeping, sanitation and engineering. The role of Quality Assurance is to ensure that these procedures are adhered to, and records are maintained. Any deviation or discrepancy is investigated and documented. Corrective action is taken wherever necessary.

Periodic self-inspection and audits are conducted to monitor the effective implementation of quality, Safety and Environmental Management systems. The self-inspection and audits are conducted by designated personnel of the Company and / or by external agencies.

1.3 PROCESSING:

Manufacturing is done in batch quantities. Batches are planned as and when required for captive consumption or export. Reactions are carried out in closed reactors. Final stages of manufacture such as drying, milling or blending are carried out in closed cubicles under appropriate environmental controls.

ENVIRONMENTAL AUDIT STATEMENT REPORT

1.4 QUALITY CONTROL:

Quality Control performs complete analysis to specifications on input raw materials, inter-mediate, finished products and components using classical analytical “wet chemistry” techniques as well as sophisticated instrumentation such as TGA, DSC / TGA, TOC, HPCL with DPA, HPLC, FTIR, GC, Head Space, IR, UV/VIS Spectrophotometers, dissolution apparatus and auto filtrates. The laboratory is also provided with the necessary equipment including incubators, stability ovens, laminar air flow units, isolators etc., to handle microbiological testing.

1.5 RESEARCH AND DEVELOPMENT:

Cipla Bangalore has R&D Center, which conducts research on product development of bulk chemicals. In addition, a major objective of the R&D Division is in improvement of existing processes and products as well as trouble shooting.

1.6 ENVIRONMENT, HEALTH, AND SAFETY:

Protecting the health of all personnel and others and ensuring safety at work is one of the prime objectives of the company.

Safety is the responsibility of individual departments supported by a team of specialists in Safety Management. The site is provided with firefighting facilities including fire hydrant systems. Personnel are continuously trained in all aspects of safety. Smoke detector, ammonia gas detectors, HC detector, Heat detectors, PA system, MCP, Hydrogen gas leak detectors, oxygen analyzer system, etc. are provided to tackle emergency situations.

The unit has a full-fledged Effluent Treatment Plant for the treatment of wastewater. Air emissions are also treated in a scientific manner.

1.7 ENVIRONMENT MANAGEMENT SYSTEM (ISO 14001:2015)

Cipla, Bangalore has established and maintaining Environmental Management System (ISO 14001:2015) with effect from 01.10.2016 and the same has been certified AFNOR Group, France by DQS.

ENVIRONMENTAL AUDIT STATEMENT REPORT

1.8 OCCUPATIONAL HEALTH & SAFETY SYSTEM (ISO 45001 - 2018)

Cipla, Bangalore has established and maintaining Occupational Health & Safety System (ISO 45001 :2018) with effect from 01.04.2004 and the same has been certified AFNOR Group, France by DQS.

1.9 ENERGY MANAGEMENT SYSTEM (ISO 50001:2011)

Cipla, Bangalore has established Energy Management System (ISO 50001:2011), with effect from September-2015 and the same has been certified by SGS Group Pvt. Ltd.

Note: Surveillance audit for the above certifications is conducted yearly as per schedule.

ENVIRONMENTAL AUDIT STATEMENT REPORT

ENVIRONMENTAL AUDIT STATEMENT 2024 - 2025

FORM – V
(SEE RULE 14)

Environmental Statement for the financial year ending the 31st of March 2025.

PART – A

- i) Name and address of the owner / occupier of the industry in operation or process:

Mr. Pradeep Gupta
Factory Manager
Cipla Limited
Virgonagar Post
Bangalore – 560 049
Phone: 080-46912363
- ii) Industry category primary - (STC) code, Secondary – (SIC code) ----: RED
- iii) Production capacity: 370 MT/Annum
- iv) Year Of Establishment: 1972
- v) Date of the last environmental statement submitted: - 30th September 2024 for the year 2023–2024.

ENVIRONMENTAL AUDIT STATEMENT REPORT

SL.NO.	PRODUCT	UNIT	PRODUCTION CAPACITY (per annum)	PRODUCTION DURING THE CURRENT FINANCIAL YEAR
1.	Amlodipine Besylate New process	KG	60000	27477.65
2.	Amlodipine Besylate Old process	KG	20000	5259.16
3.	Amlodipine Mesylate	KG	3000	1167.14
4.	Anagrelide Hydrochloride	KG	60	11.55
5.	Aprimilast	KG	500	59.54
6.	Azidothymidine (Zidovudine)	KG	1000	0
7.	Bicalutamide	KG	200	0
8.	Capecitabine	KG	1000	0
9.	Carboplatin	KG	60	0
10.	Cisplatin	KG	40	0
11.	Dexlansoprazole	KG	2000	0
12.	Donepezil Hydrochloride	KG	1000	419.74
13.	ES Omeprazole Magnesium Dihydrate	KG	85000	31040.98
14.	ES Omeprazole Magnesium Trihydrate	KG	5000	0
15.	Etoposide	KG	700	179.75
16.	Felodipine	KG	5000	2791.77
17.	Flutamide	KG	150	0
18.	Granisetron Base	KG	100	49.88
19.	Granisetron Hydrochloride	KG	50	5.356
20.	Lamotrigine	KG	1000	0
21.	Lansoprazole New Process	KG	5000	361.90
22.	Lansoprazole Old Process	KG	3000	0
23.	Leflunomide	KG	2500	627.66
24.	Levofloxacin Hemihydrate	KG	40000	541.68
25.	Linagliptin	KG	500	0
26.	Lopinavir	KG	3000	0
27.	Nintedanib Esylate	KG	1000	0
28.	Omeprazole	KG	30000	8286.28
29.	Omeprazole Magnesium	KG	2300	0
30.	Omeprazole Sodium	KG	2000	1311.84
31.	Oxaliplatin	KG	40	0
32.	Pantoprazole sodium	KG	10000	1142.00

ENVIRONMENTAL AUDIT STATEMENT REPORT

SL.NO.	PRODUCT	UNIT	PRODUCTION CAPACITY (Per annum)	PRODUCTION DURING the current financial year
33.	Pregabalin	KG	3000	0
34.	Risperidone	KG	1500	689.75
35.	Ritonavir	KG	10000	0
36.	Saxagliptin	KG	300	0
37.	Sitagliptin Phosphate	KG	1000	0
38.	Tenofovir Alafenamide Fumarate	KG	5000	0
39.	Topiramate	KG	60000	41818.38
40.	Vildagliptin	KG	2000	0
41.	R&D Products (non-commercial)	KG	2000	0
	Total quantity	KG	370000	123242

LIST OF TABLETS –QUANTITY IN LAKHS /YEAR

Sl.No.	PRODUCTS	UNITS	PRODUCTION CAPACITY (Per annum)	PRODUCTION DURING THE CURRENT FINANCIAL YEAR
1.	Anagralide Hcl (capsules 0.5 mg)	Lakhs	250	0.00
2.	Anagralide Hcl (capsules 1.0 mg)	Lakhs	100	0.00
3.	Fincar 5 mg tablets	Lakhs	400	0.00
4.	Finasteride 1 mg tablets	Lakhs	400	0.00
5.	Leflunamide tablets 10/20 mg	Lakhs	200	0.00
6.	Leflunamide tablets 100 mg	Lakhs	10	0.00
7.	Mycophenolate Mofetil 250 mg tablets	Lakhs	50	0.00
8.	Mycophenolate Mofetil 500 mg tablets	Lakhs	50	0.00
9.	Tamsulosin hydrochloride capsules 0.2 mg	Lakhs	500	0.00
10.	Tamsulosin hydrochloride capsules 0.4 mg	Lakhs	8500	0.00
	Total quantity	Lakhs	10460	0.00

ENVIRONMENTAL AUDIT STATEMENT REPORT

**PART – B
Water and Raw Material Consumption**

1.	Water consumption m3/Day		
	Water required for	Consent Quantity in KLD	Water Consumed in KLD (Average)
	Process including washings, scrubbing, QC, R&D, ST	109	32
	Cooling towers make up*	164	75 (R) + 5 (F)
	Boiler Feed	95	23
	Domestic	45	36
	Gardening	40	32

*Cooling towers make up water includes recycling water from ETP

Sl. No.	PRODUCT	Water consumption per unit of product	
		During the previous financial year	During the current financial year
		Process water consumption per unit of product output. (Lt / Kg)	Process water consumption per unit of product output* (Lt / Kg)
1.	Amlodipine Besylate New Process	13.43	13.65
2.	Amlodipine Besylate Old Process	92.04	89.97
3.	Amlodipine Mesylate	178.57	179.08
4.	Anagrelide Hydrochloride	158.54	137.42
5.	Aprimilast	121.39	118.20
6.	Azidothymidine (Zidovudine)	0.00	0.00
7.	Bicalutamide	0.00	0.00
8.	Capecitabine	0.00	0.00
9.	Carboplatin	0.00	0.00
10.	Cisplatin	0.00	0.00
11.	Dexlansoprazole	0.00	0.00
12.	Donepezil Hydrochloride	26.67	25.73
13.	ES Omeprazole Magnesium (Di)	12.65	12.51
14.	ES Omeprazole Magnesium (tri)	29.92	0.00
15.	Etoposide	145.86	137.77
16.	Felodipine	0.00	0.00
17.	Flutamide	0.00	0.00
18.	Granisetron Base	27.3	33.8

ENVIRONMENTAL AUDIT STATEMENT REPORT

19.	Granisetron Hydrochloride	57.27	60.57
20.	Lamotrigine	0.00	0.00
21.	Lansoprazole New Process	69.92	81.50
22.	Lansoprazole Old Process	0.00	0.00
23.	Leflunomide	106.38	103.56
24.	Levofloxacin Hemihydrate	23.20	24.10
25.	Linagliptin	135.68	0.00
26.	Lopinavir	0.00	0.00
27.	Nintedanib Esylate	0.00	0.00
28.	Omeprazole	38.80	38.25
29.	Omeprazole Magnesium	0.00	0.00
30.	Omeprazole Sodium	0.33	0.32
31.	Oxaliplatin	0.00	0.00
32.	Pantoprazole Sodium	52.79	52.42
33.	Pregabalin	0.00	0.00
34.	Risperidone	21.90	21.60
35.	Ritonavir	0.00	0.00
36.	Saxagliptin	0.00	0.00
37.	Sitagliptin Phosphate	0.00	0.00
38.	Tenofovir Alafenamide Fumarate	6.29	0.00
39.	Topiramate	14.08	25.37
40.	Vildagliptin	0.00	0.00

ENVIRONMENTAL AUDIT STATEMENT REPORT

Name of raw material	Name of Product	Raw material consumption	
		Consumption of Raw material per unit output	
		Previous year	Current year
Amlodipine	Amlodipine Besylate (New)	0.79	0.79
Benzene Sulphonic Acid	Amlodipine Besylate (New)	0.31	0.32
Methanol	Amlodipine Besylate (New)	1.67	1.69
IPA	Amlodipine Besylate (New)	6.30	6.35
Phthaloyl amlodipine	Amlodipine Besylate (New)	1.97	1.98
Monomethyl amine 40%	Amlodipine Besylate (New)	9.63	9.71
Amlodipine	Amlodipine Besylate (Old)	0.89	0.88
Benzene Sulphonic Acid	Amlodipine Besylate (Old)	0.36	0.35
Methanol	Amlodipine Besylate (Old)	3.56	3.54
IPA	Amlodipine Besylate (Old)	12.17	12.08
Phthaloyl amlodipine	Amlodipine Besylate (Old)	1.78	1.77
Monomethyl amine 40%	Amlodipine Besylate (Old)	7.38	8.65
Phthaloyl amlodipine	Amlodipine Mesylate	1.41	1.41
Sodium sulphate	Amlodipine Mesylate	0.14	0.14
Activated charcoal	Amlodipine Mesylate	0.14	0.14
Sodium chloride	Amlodipine Mesylate	0.19	0.19
Methane sulphonic acid	Amlodipine Mesylate	0.25	0.25
Monomethyl amine	Amlodipine Mesylate	6.90	6.92
IPA	Amlodipine Mesylate	3.81	3.82
Ethyl Acetate	Amlodipine Mesylate	37.59	37.70
Methanol	Amlodipine Mesylate	1.46	1.46
MDC	Amlodipine Mesylate	15.98	16.02
AO4 compound	Anagrelide HCL	3.46	3.15
Stannous Chloride	Anagrelide HCL	10.75	9.78
Potassium Carbonate powder 40mesh	Anagrelide HCL	8.65	7.86
Sodium Sulphate anhydrous	Anagrelide HCL	2.88	2.62
Cyanogen bromide Lr	Anagrelide HCL	1.30	1.18
Hyflo Supercel	Anagrelide HCL	2.31	2.10
Hydrochloric acid Ar Grade	Anagrelide HCL	85.06	77.33
Toluene	Anagrelide HCL	67.47	61.34
Apt Sulfonamine	Apremilast	2.69	2.62
N-acetyl-L-L-Leucine	Apremilast	1.45	1.41
Methanol	Apremilast	64.46	62.87

ENVIRONMENTAL AUDIT STATEMENT REPORT

APT Sulfonamine Leucine Salt	Apremilast	1.81	1.76
Triethyl amine	Apremilast	2.63	2.56
3-Aminophthalic acid	Apremilast	0.81	0.79
Acetic acid	Apremilast	2.71	2.64
Acetone	Apremilast	18.07	17.63
Acetonitrile	Apremilast	18.67	18.21
Acetyl chloride	Apremilast	1.93	1.88
Ethyl acetate	Apremilast	79.52	77.56
Potassium Carbonate 40 mesh	Apremilast	1.81	1.76
Sodium Hydroxide	Apremilast	0.90	0.88
[BLT-02]	Bicalutamide	0.00	0.00
4-Fluoro thiophenol	Bicalutamide	0.00	0.00
Tetrahydrofuran	Bicalutamide	0.00	0.00
Sodium tertiary butoxide	Bicalutamide	0.00	0.00
Toluene	Bicalutamide	0.00	0.00
Sodium sulphate anhydrous (3+15)	Bicalutamide	0.00	0.00
Hexane	Bicalutamide	0.00	0.00
Ethyl acetate	Bicalutamide	0.00	0.00
Peracetic acid	Bicalutamide	0.00	0.00
Hydrogen Peroxide (50%)	Bicalutamide	0.00	0.00
Sulphuric acid	Bicalutamide	0.00	0.00
MDC	Bicalutamide	0.00	0.00
Sodium hydroxide flakes	Bicalutamide	0.00	0.00
Acetone	Bicalutamide	0.00	0.00
Activated charcoal	Bicalutamide	0.00	0.00
Hexane	Bicalutamide	0.00	0.00
Acetic Acid	Donepezil HCL	2.27	2.19
Liquor Ammonia 0.9 Specific Gravity	Donepezil HCL	3.17	3.06
Ammonium Acetate Commercial	Donepezil HCL	0.22	0.21
Di Iso Propyl Ether	Donepezil HCL	51.73	49.91
Ethyl Acetate	Donepezil HCL	78.34	75.59
Hydrogen Gas (EA)	Donepezil HCL	0.18	0.17
Methanol	Donepezil HCL	26.41	25.49
Methanolic Hydrochloride (10 - 15 %)	Donepezil HCL	2.27	2.19
Methylene Chloride	Donepezil HCL	4.11	3.97
Nitrogen Gas- 7 Cu.Mtr/Cylinder	Donepezil HCL	0.27	0.26
Platinum On Carbon 10% W/W (R)	Donepezil HCL	0.01	0.01
Sodium Sulphate Anhydrous	Donepezil HCL	0.33	0.32
Denatured Spirit	Donepezil HCL	10.39	10.02
DP6 Compound	Donepezil HCL	2.17	2.09

ENVIRONMENTAL AUDIT STATEMENT REPORT

Platinum On Carbon 10 % W/W	Donepezil HCL	0.10	0.09
Acetonitrile	Donepezil HCL	31.11	30.02
Benzyl Bromide	Donepezil HCL	0.89	0.86
Izl-02	Donepezil HCL	1.19	1.14
Ol compound	Es Ome Magnesium. Di	1.73	1.74
Sodium sulphate anhydrous	Es Ome Magnesium. Di	0.29	0.29
Potassium hydroxide flakes	Es Ome Magnesium. Di	0.97	0.98
Acetic acid	Es Ome Magnesium. Di	0.48	0.49
Acetone	Es Ome Magnesium. Di	7.87	7.92
Cumene hydroperoxide	Es Ome Magnesium. Di	1.25	1.26
Methanol	Es Ome Magnesium. Di	8.22	8.27
Methylene chloride	Es Ome Magnesium. Di	19.86	19.98
N,N- diisopropylethylamine	Es Ome Magnesium. Di	0.10	0.10
ITIP	Es Ome Magnesium. Di	0.12	0.12
Toluene	Es Ome Magnesium. Di	9.22	9.28
Diethyl D(-) tartrate	Es Ome Magnesium. Di	0.16	0.17
Esomeprazole K	Es Ome Magnesium. Di	1.73	1.74
Magnesium chloride hexahydrate	Es Ome Magnesium. Di	0.40	0.40
Ethyl acetate	Es Ome Magnesium. Di	4.93	4.96
Ol compound	Es Ome Magnesium Tri	2.74	0.00
Sodium sulphate anhydrous	Es Ome Magnesium Tri	0.46	0.00
Potassium hydroxide flakes	Es Ome Magnesium Tri	1.54	0.00
Acetic acid	Es Ome Magnesium Tri	0.77	0.00
Acetone	Es Ome Magnesium Tri	1.14	0.00
Cumene hydroperoxide	Es Ome Magnesium Tri	1.98	0.00
Methanol	Es Ome Magnesium Tri	4.33	0.00
Methylene chloride	Es Ome Magnesium Tri	31.46	0.00
N,N- diisopropylethylamine	Es Ome Magnesium Tri	0.16	0.00
ITIP	Es Ome Magnesium Tri	0.19	0.00
Toluene	Es Ome Magnesium Tri	14.61	0.00
Diethyl D(-) tartarate	Es Ome Magnesium Tri	0.26	0.00
Esomeprazole K	Es Ome Magnesium Tri	2.74	0.00
Magnesium chloride hexahydrate	Es Ome Magnesium Tri	0.36	0.00
Ethyl acetate	Es Ome Magnesium Tri	4.32	0.00
Liquor Ammonia 0.9s	Es Ome Magnesium Tri	0.01	0.00
4-Dimethyl Epipodophyllotoxin	Etoposide	1.82	1.73
Sodium bicarbonate commercial	Etoposide	0.45	0.43
Sodium sulphate anhydrous	Etoposide	0.36	0.35
Methylene chloride	Etoposide	138.47	131.88
Pyridine	Etoposide	0.45	0.43

ENVIRONMENTAL AUDIT STATEMENT REPORT

Benzyl chloroformate	Etoposide	2.50	2.38
Toluene	Etoposide	23.92	22.78
Hydrochloric acid - cp	Etoposide	2.14	2.04
J3 Compound	Etoposide	2.12	2.02
Palladium carbon	Etoposide	0.21	0.20
Acetone	Etoposide	109.92	104.69
Di Iso Propyl Ether	Etoposide	14.56	13.87
Nitrogen gas	Etoposide	1.48	1.41
Hydrogen gas	Etoposide	0.79	0.76
P3 Compound	Etoposide	1.59	1.51
J4 Compound	Etoposide	1.67	1.59
Sodium bicarbonate commercial	Etoposide	0.40	0.38
Sodium sulphate anhydrous	Etoposide	0.40	0.38
Boron trifluoride diethyl etherate	Etoposide	1.77	1.69
Pyridine	Etoposide	1.06	1.01
Methanol	Etoposide	15.36	14.63
NE1 Compound	Etoposide	2.34	2.23
Activated Charcoal Commercial	Etoposide	0.23	0.22
Sodium Sulphate	Etoposide	1.17	1.11
Triethylamine	Etoposide	1.36	1.30
Ethylene diamine	Etoposide	1.13	1.08
Acetonitrile	Etoposide	12.24	11.66
Denatured spirit	Etoposide	5.47	5.21
Isopropyl Alcohol	Etoposide	13.79	13.13
Ethanol	Etoposide	0.92	0.88
Ethyl Aceto Acetate	Felodipine	0.89	0.82
Ammonium carbonate	Felodipine	0.73	0.66
Isopropyl alcohol	Felodipine	10.63	9.70
Hexane	Felodipine	2.18	1.99
Methanol	Felodipine	3.41	3.11
2,3 Dichloro benzaldehyde	Felodipine	1.38	1.26
Methyl Aceto acetate	Felodipine	1.00	0.91
Morpholine	Felodipine	0.22	0.20
Acetic acid	Felodipine	0.11	0.10
Feloacrylate	Felodipine	1.30	1.18
Felocrotonate	Felodipine	0.65	0.59
Activated charcoal commercial	Felodipine	0.04	0.04
Isopropyl acetate	Felodipine	2.67	2.43
1-Methyl L-1h-Indazole-3 carboxylic	Granisetron Base	0.91	0.95
[GNB-4]	Granisetron Base	0.91	0.95

ENVIRONMENTAL AUDIT STATEMENT REPORT

Sodium Bicarbonate	Granisetron Base	0.45	0.48
Sodium Sulphate	Granisetron Base	0.73	0.76
Activated Charcoal	Granisetron Base	0.09	0.10
Hyflo Supercel	Granisetron Base	0.45	0.48
Thionyl Chloride	Granisetron Base	2.27	2.38
Dimethyl Formamide	Granisetron Base	0.86	0.10
N-Heptane	Granisetron Base	9.95	15.33
Hydrochloric Acid	Granisetron Base	0.89	0.79
Triethylamine	Granisetron Base	1.36	1.43
Methylene Chloride	Granisetron Base	28.91	22.86
Liquor Ammonia	Granisetron Base	1.37	1.59
Toluene	Granisetron Base	3.94	4.76
Isopropyl Alcohol	Granisetron Base	9.93	13.33
1-Methyl L-1h-Indazole-3 Carboxylic [GNB-4]	Granisetron HCL	1.00	0.93
Sodium Bicarbonate	Granisetron HCL	1.00	0.93
Sodium Sulphate	Granisetron HCL	0.50	0.47
Activated Charcoal	Granisetron HCL	0.80	0.75
Hyflo Supercel	Granisetron HCL	0.10	0.09
Thionyl Chloride	Granisetron HCL	0.50	0.47
Dimethyl Formamide	Granisetron HCL	2.50	2.34
N-Heptane	Granisetron HCL	0.95	0.88
Hydrochloric Acid	Granisetron HCL	10.88	10.17
Triethylamine	Granisetron HCL	0.98	0.91
Methylene Chloride	Granisetron HCL	1.50	1.40
Liquor Ammonia	Granisetron HCL	31.80	29.72
Toluene	Granisetron HCL	1.50	1.40
Isopropyl Alcohol	Granisetron HCL	4.33	4.05
IPA + Hcl 20%	Granisetron HCL	18.72	17.50
[Lan chloro]	Lansoprazole	1.10	1.03
Methanol	Lansoprazole	0.88	1.04
Activated Charcoal Commercial	Lansoprazole	0.69	0.82
Sodium hydroxide flakes	Lansoprazole	0.07	0.08
2-mercapto benzimidazole	Lansoprazole	0.35	0.41
Stage-1 Lan Sulphide	Lansoprazole	0.49	0.57
Sodium hypo chlorite solution 7%	Lansoprazole	1.06	1.24
Sodium hydroxide flakes	Lansoprazole	4.24	4.97
Acetonitrile	Lansoprazole	0.49	0.58
Sodium Thiosulphate	Lansoprazole	2.52	2.95
Ammonium Acetate Commercial	Lansoprazole	0.08	0.10
	Lansoprazole	1.59	1.87

ENVIRONMENTAL AUDIT STATEMENT REPORT

Activated charcoal sx ultra	Lansoprazole	0.11	0.12
Activated charcoal commercial	Lansoprazole	0.11	0.12
Acetone	Lansoprazole	3.50	4.10
Acetic acid	Lansoprazole	0.18	0.21
Liquor ammonia 0.9 specific gravity	Lansoprazole	0.00	0.00
Ethyl acetate	Lansoprazole	3.88	4.55
LF1	Leflunomide	1.21	3.11
Acetic Anhydride	Leflunomide	1.57	2.17
Triethyl Ortho Formate	Leflunomide	0.85	2.17
Denatured Spirit	Leflunomide	0.80	1.86
LF2- Stage-2	Leflunomide	1.06	2.07
Hydroxylamine Hydrochloride	Leflunomide	0.31	0.60
Methanol	Leflunomide	29.89	39.35
Sodium Acetate Anhydrous	Leflunomide	0.36	0.70
Sodium Bicarbonate Commercial Grade	Leflunomide	0.85	1.66
Toluene	Leflunomide	19.72	35.21
Activated Charcoal Commercial	Leflunomide	0.11	0.21
Acetic Acid	Levofloxacin Hemihydrate	35.50	36.59
Hydrochloric Acid - CP	Levofloxacin Hemihydrate	1.56	1.61
LVF - 3	Levofloxacin Hemihydrate	1.25	1.28
Liquor Ammonia 0.9 Specific Gravity	Levofloxacin Hemihydrate	0.49	0.50
Hyflo Supercel	Levofloxacin Hemihydrate	0.05	0.06
Methanol	Levofloxacin Hemihydrate	5.17	5.33
N-Methyl Piperazine	Levofloxacin Hemihydrate	1.17	1.20
LVF - 4	Levofloxacin Hemihydrate	1.07	1.11
B5 hydrochloride (N)	Omeprazole	0.92	0.91
2-Mercapto-5 methoxy benzimidazole	Omeprazole	0.77	0.76
Tetrabutyl ammonium bromide	Omeprazole	0.02	0.02
Sodium sulphate anhydrous	Omeprazole	0.08	0.08
Sodium hydroxide flakes	Omeprazole	1.14	1.13
Thionyl chloride	Omeprazole	0.73	0.72
Ethyl acetate	Omeprazole	4.52	4.47
Methylene chloride	Omeprazole	12.25	12.11
O-1 compound Stage-1	Omeprazole	1.22	1.21
Acetic acid	Omeprazole	0.24	0.24
Hydrogen peroxide 50%	Omeprazole	0.32	0.31
Liquor ammonia 0.9 Specific gravity	Omeprazole	0.04	0.04
Activated charcoal commercial	Omeprazole	0.04	0.04
Sodium hydroxide flakes	Omeprazole	0.22	0.22
Sodium metabisulphite (commercial)	Omeprazole	0.04	0.04

ENVIRONMENTAL AUDIT STATEMENT REPORT

Ammonium Molybdate AR Grade	Omeprazole	0.01	0.01
Methanol	Omeprazole	6.13	6.06
Omeprazole USP	Omeprazole Sodium	1.37	1.33
Sodium hydroxide flakes	Omeprazole Sodium	0.16	0.16
Methanol	Omeprazole Sodium	3.90	3.79
Diiso propyl ether	Omeprazole Sodium	6.96	6.78
[PZL chloride]	Pantoprazole Sodium.Sesq.	0.79	0.79
[PZL thiol]	Pantoprazole Sodium.Sesq.	0.79	0.79
Tetrabutylammonium Bromide	Pantoprazole Sodium.Sesq.	0.03	0.03
Sodium hypo chlorite solution 7%	Pantoprazole Sodium.Sesq.	3.97	3.94
Sodium hydroxide flakes	Pantoprazole Sodium.Sesq.	0.87	0.87
Sodium Thiosulphate	Pantoprazole Sodium.Sesq.	0.13	0.13
Ammonium Acetate Commercial	Pantoprazole Sodium.Sesq.	1.90	1.89
Liquor Ammonia 0.9 specific gravity	Pantoprazole Sodium.Sesq.	0.01	0.00
Activated Charcoal Commercial	Pantoprazole Sodium.Sesq.	0.12	0.12
Acetone	Pantoprazole Sodium.Sesq.	5.14	5.10
Methylene chloride	Pantoprazole Sodium.Sesq.	11.99	11.90
Ethyl acetate	Pantoprazole Sodium.Sesq.	2.79	2.77
IPA + HCl 20% W/W	Risperidone	0.79	0.78
Potassium Hydroxide Flakes	Risperidone	1.14	1.14
Sodium Sulphate Anhydrous	Risperidone	0.19	0.19
Toluene	Risperidone	8.57	8.52
[IRS 05]	Risperidone	1.14	1.14
Acetonitrile	Risperidone	14.22	14.14
Activated Charcoal Commercial	Risperidone	0.22	0.22
Alumina Neutral	Risperidone	0.18	0.17
Ethyl Acetate	Risperidone	9.37	9.31
Methanol	Risperidone	12.32	12.24
Methylene Chloride	Risperidone	13.57	13.48
Potassium Carbonate Powder 40mesh	Risperidone	1.09	1.09
Potassium Iodide LR Grade	Risperidone	0.05	0.05
Sodium Sulphate Anhydrous	Risperidone	0.22	0.22
[RS- 06]	Risperidone	0.88	0.87
[RS-8].	Risperidone	0.90	0.89
TP -1 Compound	Topiramate	1.11	1.09
Sodium Sulphate Anhydrous	Topiramate	0.22	0.22
Sulphuryl Chloride	Topiramate	0.69	0.68
Triethylamine	Topiramate	0.56	0.55
Hydrochloric Acid - Cp	Topiramate	1.33	1.31
Ethyl Acetate	Topiramate	11.81	11.69

ENVIRONMENTAL AUDIT STATEMENT REPORT

Acetic Acid	Topiramate	0.28	0.27
Methylene Chloride	Topiramate	3.32	3.28
Isopropyl Alcohol	Topiramate	2.26	2.24
Ammonia Gas (Anhydrous)	Topiramate	0.43	0.42
Sodium Hydroxide Flakes	Topiramate	0.25	0.25
Activated Charcoal Commercial	Topiramate	0.05	0.05
Anhydrous Citric Acid Ip	Linagliptin	4.49	0.00
Isopropyl Alcohol	Linagliptin	64.78	0.00
Methylene Chloride	Linagliptin	176.52	0.00
Potassium Carbonate Powder 40mesh	Linagliptin	27.85	0.00
Sodium Carbonate Anhydrous	Linagliptin	9.23	0.00
Sparkler Filter Carbon Pads Grade 35	Linagliptin	1.62	0.00
Trifluoro Acetic Acid	Linagliptin	19.27	0.00
N-Boc Linagliptin	Linagliptin	6.48	0.00
Dimethyl Formamide	Linagliptin	79.03	0.00
Methanol	Linagliptin	187.57	0.00
Potassium Carbonate Powder 40mesh	Linagliptin	8.71	0.00
(R)-3-(Boc-Amino) Piperidine	Linagliptin	4.21	0.00
2-(Chloromethyl)-4-Methylquinazoline	Linagliptin	4.64	0.00
8-Bromo-7-(But-2-Yn-1-Yl)-3-Methyl-1h-f	Linagliptin	6.48	0.00
Dimethyl Formamide (AR Grade)	Tenofovir Alafenamide. F	0.93	0.00
Tenofovir Alafenamide Fumarate	Tenofovir Alafenamide. F	1.37	0.00

* Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

*All the raw material calculated on the average output per kg of product.

ENVIRONMENTAL AUDIT STATEMENT REPORT

PART - C

Pollution discharged to environment / unit of output parameters as specified in the consent issued.

Monitoring carried out by NABL /MOEF approved laboratory.

Pollutants	Quantity of pollutants discharged (mass/day) Unit -kg/day	Concentrations of pollutants in discharges (mass/volume) Unit - (mg/l)	Percentage of variation from prescribed standards with reason
Suspended solid	BDL (< 1.0)	BDL (< 1.0)	Well within the prescribed limits
pH value	7.25		
Bio-chemical Oxygen Demand	0.38	3.12	
Total Dissolved solid (Inorganic)	34.46	285.62	
Chemical Oxygen Demand	1.51	12.49	

AIR POLLUTION:

AMBIENT AIR Quality

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants discharged (mass/volume) *	Percentage of variation from prescribed standards with reason
Location 1- Near second gate	Kg/Day	µg/m ³	Well within the prescribed limit.
Particulate Matter - PM ₁₀	0.063677	40.2	
Particulate Matter - PM _{2.5}	0.033106	20.9	
Sulphur Dioxide	0.012355	7.8	
Nitrogen Dioxide	0.026453	16.7	

* 24 Hours average

ENVIRONMENTAL AUDIT STATEMENT REPORT

Pollutants	Quantity of pollutants discharged/day (mass/day)	Concentration of pollutants discharged (mass/volume) *	Percentage of variation from prescribed standards with reason
Location 2- Synthetic -7 Backside	Kg/day	µg/m³	Well within the prescribed limit.
Particulate Matter - PM ₁₀	0.069379	43.8	
Particulate Matter - PM _{2.5}	0.029462	18.6	
Sulphur Dioxide	0.011880	7.5	
Nitrogen Dioxide	0.026294	16.6	

* 24 Hours average

Pollutants	Quantity of pollutants discharged/day (mass/day)	Concentration of pollutants discharged (mass/volume) *	Percentage of variation from prescribed standards with reason
Location 3- Near Third Gate	Kg/day	µg/m³	Well within the prescribed limit.
Particulate Matter - PM ₁₀	0.070171	44.3	
Particulate Matter - PM _{2.5}	0.027720	17.5	
Sulphur Dioxide	0.011722	7.4	
Nitrogen Dioxide	0.027562	17.4	

Pollutants	Quantity of pollutants discharged/day (mass/day)	Concentration of pollutants discharged (mass/volume) *	Percentage of variation from prescribed standards with reason
Location 4-Near Car Parking area	Kg/day	µg/m³	Well within the prescribed limit.
Particulate Matter - PM ₁₀	0.066370	41.9	
Particulate Matter - PM _{2.5}	0.025027	15.8	
Sulphur Dioxide	0.011563	7.3	
Nitrogen Dioxide	0.024394	15.4	

Note: Stack monitoring is carried out as per the consent and values are within the limits (Results submitted month on month)

ENVIRONMENTAL AUDIT STATEMENT REPORT

**P A R T – D
HAZARDOUS AND OTHER WASTE DETAILS**

(As specified under Hazardous and other Waste Management and Handling Rules amendment, 2016)

SL.NO	Hazardous waste	Total quantity (Kg)			
		During the previous financial year (23-24)		During the current financial year (24-25)	
		Generation	Disposal	Generation	Disposal
A	From process				
1	Distillation residues	0	0	0	0
2	process residue and wastes	77690	77690	83630	81530
3	Date -Expired products	3300	3300	907.7	907.7
4	Off specification products	280	280	1357.7	1357.7
5	Spent organic solvents generated from antimicrobial products(ltrs)	34020	34020	8610	8610
6	Spent carbon	5880	5880	4060	4060
7	spent catalyst *	40	40	247.2	247.2
8	Spent Used oil (Ltrs)	3580	3290	3995	4280
9	Spent Solvents (Ltrs)**	4507940	4507940	4238370	4238370
10	Empty barrels/containers/liners/contaminated with hazardous chemicals/wastes.	107370	106760	109060	107072
11	Contaminated cotton rags or other cleaning	4700	4700	3655	3655
B	From Pollution Control Facility				
1	ATFD powder	136660	131410	93730	94910
2	ETP Sludge	101370	101130	71000	70765
3	Sludge from wet scrubber	0	0	0	0

*Spent Catalyst sent for job work in kgs

** Spent solvent disposed of to recyclers in liters

ENVIRONMENTAL AUDIT STATEMENT REPORT

**PART - E
SOLID WASTES**

Other waste generation and disposal details
SOLID WASTE

SL.NO	Solid Waste	Total quantity (Kg)			
		During the previous financial year		During the current financial year	
		Generation	Disposal	Generation	Disposal
(a) From process and Maintenance activity					
1	Glass waste in non-dispersible form	21360	21420	21940	21940
2	Ceramic waste in non-dispersible form	0	0	0	0
3	Waste electrical & electronic assemblies	3310	3310	5195	5195
4	Spent activated carbon	0	0	0	0
5	Rubber Waste	370	370	265	265
6	Resins, Latex, Plastizers, Glues & adhesives	0	0	0	0
7	Iron & steel scrap	125910	125910	158786	158786
8	Paper, Paperboard, & Paper Product wastes	93590	93590	105103	105103
9	Untreated cork & wood waste	5970	5970	13965	13965
(b) From Pollution control facility -Nil					
(c) (1) Quantity recycled or re utilized within the unit – Nil					
(c) (2) Sold – All the material mentioned above which are generated at site sold to authorized KSPCB approved vendors					
(c) (3) Disposed - Nil					

ENVIRONMENTAL AUDIT STATEMENT REPORT

E-WASTE DISPOSAL (From April 2024 to March-2025)				
S.NO	E-Waste item	UOM	Quantity Generated	Quantity Disposed
1	E-Waste item	KG	855	222

E-waste disposed to KSPCB authorized recycler.

Biomedical waste disposal details (From January 2024 to December 2024)

S. No	Category	UOM	Quantity generated	Quantity Disposed
1	Yellow	kg	612.23	612.23
2	Red	kg	6.54	6.54
3	White	kg	0.26	0.26
4	Blue	kg	0.30	0.30

Biomedical waste is disposed of by KSPCB authorized Common waste biomedical waste treatment facility.

ENVIRONMENTAL AUDIT STATEMENT REPORT

PART - F

Please specify the characterization in terms of composition and quantum of hazardous as well as solid waste indicate disposal practice adopted for both these categories of wastes.

Sl. No	Type of hazardous waste	Category of wastes	Characterization	Treatment
1.	Distillation residues	20.3	Semi solid & Flammable	Incinerated at KSPCB Authorized Common Incinerator/Co-processing
2.	Process residue & waste	28.1	Solid & Flammable	Incinerated at KSPCB Authorized Common Incinerator/ Co-processing
3.	Spent catalyst.	28.2	Solid & Flammable	Spent catalyst is sent for regeneration/Job work/recycle
4.	Spent carbon	28.3	Solid & Flammable	Spent carbon Incinerated at KSPCB Authorized Common Incinerator/ Co-processing
4.	Off specification products	28.4	Solid & Flammable	Incinerated at KSPCB Authorized Common Incinerator/ Co-processing
5.	Date-expired products	28.5	Solid & Flammable	Incinerated at Authorized Common Incinerator/ Co-processing
6.	Spent organic solvents generated from antimicrobial products(Its)	28.6	Liquid & Flammable	Incinerated at Authorized Common Incinerator
7.	Used spent oil	5.1	Liquid & reusable	Disposed to KSPCB authorized re-processors.
8.	Spent solvent.	28.6	Liquid, Flammable & Recyclable	Sold to KPCB authorized recycler.
9.	Empty Barrels /containers/liners contaminated with hazardous chemicals/ wastes	33.1	Recyclable	
10.	Chemical Sludge From Wastewater Treatment (ETP Sludge (Agitated Thin Film Drier) ATFD powder from MEE plant)	35.3	i) biological sludge ii)Solid, organic and inorganic	Disposed to TSDF for Landfill.
11.	Contaminated cotton rags Or other cleaning	33.2	Solid & Flammable	Incinerated at KSPCB Authorized Common Incinerator/ Co-processing
12.	Sludge from wet scrubber	37.1	Solid & Flammable	Incinerated at KSPCB Authorized Common Incinerator/ Co-processing

ENVIRONMENTAL AUDIT STATEMENT REPORT

Sl. No	Type of Other waste	Category of wastes	Characterization	Treatment
13.	Glass waste in non dispersible form	B1110	Solid & Non-Flammable	Sold to KPCB authorized recycler.
14.	Ceramic waste in non-dispersible form	Schedule-III, part -B	Solid & Non-Flammable	Sold to KPCB authorized recycler.
15.	Waste electrical and electronic assemblies	Schedule-III, part -B & part D	Solid & Non-Flammable	Sold to KPCB authorized recycler.
16.	Spent activated carbon (Without contamination)	B2020	Solid & Non-Flammable	Sold to KPCB authorized recycler.
17.	Rubber waste	Schedule-III, part -B	Solid & Non-Flammable	Sold to KPCB authorized recycler.
18.	Resins, Latex, plastizers, glues & adhesives	B2030	Solid & Non-Flammable	Sold to KPCB authorized recycler.
19.	Iron and steel scrap	Schedule-III, part -B	Solid & Non-Flammable	Sold to KPCB authorized recycler.
20.	Paper, paperboard & paper Product wastes.	B2060	Solid & Non-Flammable	Sold to KPCB authorized recycler.
21.	Untreated cork & wood waste	Schedule-III, part -B B3040	Solid & Non-Flammable	Sold to KPCB authorized recycler.
22.	Metal and Metal- alloys waste In Metallic ,Non- dispersible: - thorium scrap, rare earths scrap	Schedule-III, part -B B1010	Solid & Non-Flammable	Sold to KPCB authorized recycler.

ENVIRONMENTAL AUDIT STATEMENT REPORT

P A R T - G

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

S. No.	Particulars of the investment on Environment /Audit	Gross Block Value Rs. (in Lakhs)
1.	Surveillance Audit ISO:14001 & ISO :45001	0.65
2.	RO Membrane	6.0
3.	Green belt area	1.5
4.	Measurable instrument (Flow meters)	1.5
5.	Noncorrosive Painting at ETP	3.5
6.	Maintenance and fabrication work at ETP	14.0
7.	Closed Hazardous waste containers	15.0
8.	Safety meshes to open ponds at ETP replaced	1.75
9.	Camera facility for biomedical waste storage	1.2
10.	Spiral RO elements	8.0
11.	STP system (UF & standby blower)	11.40
12.	Acid proof tiling at RO, NF,NFRC area	8.0
13.	ETP stage wise effluent analysis by green tech Solution	3.9
14.	ETP Efficiency evaluation by M/s ADENPRO	4.5
Grand Total		80.90

No natural resources are extracted at the premises for the production, and no destruction is done to the natural resources.

The company has developed & maintained 37% of lush green belt around the boundary & also maintained a good garden inside the premises on the available open area.

The treated effluent water is used for cooling tower make up in factory premises.

The company implemented the latest technology in wastewater treatment like Membrane Bio Reactor and Reverse Osmosis Plant, followed by Triple Effect Evaporation System to recycle the treated water is utilizing for cooling towers. (ZLD system).

ENVIRONMENTAL AUDIT STATEMENT REPORT

P A R T - H

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

- 1) Environmental awareness training programs are conducted for all the Employees to minimize wastage and consumption of water.
- 2) Very good greenery is maintained.
- 3) The effluent analysis and air emission checks are carried out every month and submitted to the board as per the consent conditions and they are within the limits.
- 4) Acid-resistant tiles have been installed at the Effluent Treatment Plant (ETP) to enhance durability and chemical resistance.
- 5) The ETP refurbishment project has been initiated to incorporate advanced technologies, ensuring treated water meets high-quality standards.

ENVIRONMENTAL AUDIT STATEMENT REPORT

PART - I

Any other particulars for improving the quality of the environment.

1. Environment Management System (ISO 14001:2015) and Occupational Health and Safety Assessment System (ISO 45001:2018) implemented and surveillance audit conducted by AFNOR Group, France in August -2024
2. Operation such as solid raw material charging to reactors are done by closed loop by installing 3 Powder Transfer System (PTS) to minimize chemical exposure to humans as well as the Environment.
3. Water jet pumps procurement done for the cleaning of reactors to minimise the water consumption.
4. Quality control - Liquid Raw materials storage cupboards are connected to scrubbers.
5. Retrofitting of the DG sets done with partial PNG gas (60%) & HSD (40 %)
6. LED lights are installed to minimize carbon footprint
7. 94.2 % renewable energy used at site for our operations.
8. Treated water usage in scrubbers and hot water tanks started to reduce the raw water.
9. Water sprinklers are installed at Hazardous waste storage area.
10. ETP sludge dryer installed at ETP with screw conveyor.
11. Standby equipment has been installed at the Sewage Treatment Plant (STP) to minimize downtime, and the treated water is now being utilized for gardening purposes.
12. AHU and air conditioners collected and reused for utilities -1900 KL/Annum.
13. Total 500 Numbers of saplings were planted at nearby schools and inside the premises.
14. Raw water intake was reduced by 13% through optimization of water usage.
15. An acid booth charging facility has been installed and connected to a scrubber system for improved safety and emission control.
16. Acid-resistant tiles have been installed at the Effluent Treatment Plant (ETP) to enhance durability and chemical resistance in synthetic 1 , API 4 and API 5 department.

ENVIRONMENTAL AUDIT STATEMENT REPORT

17. The ETP refurbishment project has been initiated to incorporate advanced technologies, ensuring treated water meets high-quality standards.
18. A polishing RO (Reverse Osmosis) plant has been installed to enhance the quality of treated water for boiler usage.
19. An Ultrafiltration (UF) system has been integrated into the STP (Sewage Treatment Plant) to reduce Total Suspended Solids (TSS) in the treated water. Additionally, online analyzers have been deployed to continuously monitor the quality of the treated water.
20. Carbon emissions were reduced by 8% during the financial year through the implementation of energy-efficient equipment.