



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000072934

Submitted Date

27-09-2024

PART A

Company Information

Company Name

Cipla Ltd

Application UAN number

0000159754

Address

Plot no. D-22 MIDC Industrial area,
Kurkumbh, Tal- Daund Dist-Pune 413802

Plot no

D-22

Taluka

Daund

Village

Kurkumbh

Capital Investment (In lakhs)

16856

Scale

LSI

City

Pune

Pincode

413802

Person Name

P Gnanamoorthy

Designation

Unit Head

Telephone Number

02117230500

Fax Number

02117230100

Email

baban.lambade@cipla.com

Region

SRO-Pune I

Industry Category

Red

Industry Type

R58 Pharmaceuticals

Last Environmental statement submitted online

yes

Consent Number

Format1.0/CAC/UAN
No.0000159754/CO/2309002291

Consent Issue Date

2023-09-28

Consent Valid Upto

2024-04-30

Establishment Year

2001

Date of last environment statement submitted

Sep 28 2023 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Anti-Retroviral/ Anti-viral, Anti-Bacterial/Fungal, Anti-Androgen, Anti-inflammatory, Anti-inflammatory/Histamine, Chelating Agent, Anti-Depressant, Anti-Neoplastic, Anti-Dibetic, Estrogenic, Bronchodil

Consent Quantity

149.91

Actual Quantity

27.382

UOM

MT/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day		
Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	97.80	39.04
Cooling	60.00	54.70
Domestic	40.00	5.96
All others	30.00	3.14
Total	227.80	102.84

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	Actual Quantity	UOM
Daily quantity of trade effluent	108.76	39.25	CMD
Daily quantity of domestic effluent	38	4.55	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)			
Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Anti-Retroviral/ Anti-viral, Anti-Bacterial/Fungal, Anti-Androgen, Anti-infammatory, Anti-inflammatory/Histamine, Chelating Agent, Anti-Depressant, Anti-Neoplastic, Anti-Dibetic, Estrogenic, Bronchodil	717	520.45	Ton/Ton

3) Raw Material Consumption (Consumption of raw material per unit of product)			
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
11003581	0.14	0.003	Ton/Ton
11000016	0.02	0.01	Ton/Ton
11000030	0.03	0.03	Ton/Ton
12001614	0.09	0.08	Ton/Ton
11004017	0.07	0.01	Ton/Ton
12001336	0.04	0.02	Ton/Ton
12000084	0.04	0.08	Ton/Ton
12000088	0.0395	0.05	Ton/Ton
1100008	1.34	1.74	Ton/Ton
11001376	0.59	0.19	Ton/Ton
11000097	0.05	0.05	Ton/Ton
11000106	7.72	6.90	Ton/Ton
11000107	1.49	0.59	Ton/Ton
11000121	0.08	0.06	Ton/Ton
11000120	0.01	0.009	Ton/Ton
11000138	0.08	0.03	Ton/Ton
12000125	0.10	0.07	Ton/Ton
12000013	0.15	0.25	Ton/Ton
11000740	0.10	0.22	Ton/Ton

12000157	0.13	0.08	Ton/Ton
12000159	0.03	0.01	Ton/Ton
11006372	0.51	0.44	Ton/Ton
11000034	0.07	0.04	Ton/Ton
12001474	0.04	0.02	Ton/Ton
11001019	1.19	1.55	Ton/Ton
11001025	0.03	0.04	Ton/Ton
11001029	0.17	0.15	Ton/Ton
12001875	0.06	0.12	Ton/Ton
12001595	0.23	0.03	Ton/Ton
11001125	8.68	6.4	Ton/Ton
12000274	0.07	0.03	Ton/Ton
12000069	0.013	0	Ton/Ton
12000440	0.20	0	Ton/Ton
12000063	0.01	0	Ton/Ton
12000279	0.06	0.09	Ton/Ton
11001335	0.06	0.05	Ton/Ton
11001336	0.019	0.02	Ton/Ton
12000698	0.45	0.41	Ton/Ton
11001352	0.03	0.05	Ton/Ton
11001435	0.09	0.07	Ton/Ton
11001524	0.01	0.01	Ton/Ton
11001546	1.20	0.9	Ton/Ton
11001594	0.03	0.01	Ton/Ton
11001644	0.04	0.12	Ton/Ton
11001652	0.92	1.45	Ton/Ton
11001654	5.28	4.38	Ton/Ton
13004037	0.01	0	Ton/Ton
11000145	0.13	0.12	Ton/Ton
11004657	0.03	0.06	Ton/Ton
11001808	0.007	0.002	Ton/Ton
11001809	0.007	0.002	Ton/Ton
12000447	0.32	0.18	Ton/Ton
11001984	36.87	29.96	Ton/Ton
11002026	16.73	21.21	Ton/Ton
11002142	0.047	0.03	Ton/Ton
11002143	0.13	0.26	Ton/Ton
11002415	0.011	0.007	Ton/Ton
13003237	0.05	0.022	Ton/Ton
11002438	0.0048	0.0035	Ton/Ton
11002442	0.021	0.025	Ton/Ton

11002628	0.01	0.006	Ton/Ton
11002643	0.007	0.008	Ton/Ton
11002829	0.05	0.029	Ton/Ton
11002836	0.004	0.005	Ton/Ton
11002894	0.31	0.34	Ton/Ton
11002908	0.04	0.036	Ton/Ton
11002916	0.013	0.012	Ton/Ton
11002966	0.82	1.03	Ton/Ton
11003042	0.51	0.37	Ton/Ton
11003045	0.006	0.012	Ton/Ton
11003050	0.47	0.28	Ton/Ton
11003071	0.016	0.007	Ton/Ton
11003121	0.007	0.006	Ton/Ton
11003199	2.49	1.80	Ton/Ton
11003309	0.019	0.03	Ton/Ton
11003307	0.133	0.07	Ton/Ton
13002635	0.04	0	Ton/Ton
13002668	0.04	0.06	Ton/Ton
12001053	0.27	0.14	Ton/Ton
11003348	0.38	0.15	Ton/Ton
11003376	3.25	2.60	Ton/Ton
11003407	2.21	0	Ton/Ton
11003411	0.13	0.12	Ton/Ton
11001002	0.35	0.17	Ton/Ton
11008922	0.15	0	Ton/Ton
12000724	0.11	0	Ton/Ton
12004075	0.05	0	Ton/Ton
13003524	0.05	0.03	Ton/Ton
13005989	0.04	0.02	Ton/Ton
13007972	0.04	0	Ton/Ton
13009221	0.03	0.05	Ton/Ton
12004209	0.02	0.007	Ton/Ton
12004364	0.012	0.02	Ton/Ton
11007302	0.001	0.004	Ton/Ton
11002639	0.03	0	Ton/Ton
11002638	0.006	0.01	Ton/Ton
11002766	0.008	0.006	Ton/Ton
11006392	0.20	0.14	Ton/Ton
11001017	0	0.03	Ton/Ton
12004992	0.06	0.12	Ton/Ton
13000982	0.009	0	Ton/Ton

13000985	0.01	0	Ton/Ton
13009898	0.013	0.009	Ton/Ton
12004209	0	0.006	Ton/Ton
12005508	0.014	0	Ton/Ton
12005301	0.045	0.03	Ton/Ton
11002942	0	0.014	Ton/Ton
12005299	0.032	0	Ton/Ton
11010743	0.01	0	Ton/Ton
11008922	0	0.08	Ton/Ton
12006079	0.014	0	Ton/Ton
13013552	0.007	0.0001	Ton/Ton
11000298	0.025	0.010	Ton/Ton
13013052	0.01	0	Ton/Ton
11001017	0.10	0	Ton/Ton
11001688	0.023	0	Ton/Ton
12005545	0.02	0	Ton/Ton
13001463	0.008	0	Ton/Ton
12004534	0.016	0.022	Ton/Ton
11001978	0.007	0	Ton/Ton
13011635	0.02	0	Ton/Ton
13012194	0.016	0.021	Ton/Ton
12005994	0.008	0	Ton/Ton
12003485	0.024	0	Ton/Ton
12000529	0.007	0.02	Ton/Ton
12000530	0.01	0.02	Ton/Ton
11002942	0.02	0	Ton/Ton
11003025	0.02	0.01	Ton/Ton
11003024	0.01	0.01	Ton/Ton
13013132	0.009	0	Ton/Ton
11011880	0	0.005	Ton/Ton
12006145	0	0.004	Ton/Ton
12005518	0	0.004	Ton/Ton
11000125	0	0.003	Ton/Ton
11000149	0	0.044	Ton/Ton
12006235	0	0.01	Ton/Ton
12005516	0	0.005	Ton/Ton
12005514	0	0.006	Ton/Ton
12006234	0	0.005	Ton/Ton
13014199	0	0.006	Ton/Ton
11001139	0	0.005	Ton/Ton
11001539	0	0.009	Ton/Ton

11011881	0	0.017	Ton/Ton
11011878	0	0.02	Ton/Ton
11011879	0	0.05	Ton/Ton
13013793	0	0.02	Ton/Ton
99342750	0	0.013	Ton/Ton
12006137	0	0.005	Ton/Ton
12006247	0	0.005	Ton/Ton
12006263	0	0.004	Ton/Ton
11001726	0	0.004	Ton/Ton
11010052	0	0.002	Ton/Ton
11002128	0	0.005	Ton/Ton
12000724	0	0.049	Ton/Ton
11011962	0	0.009	Ton/Ton
11003051	0	0.14	Ton/Ton
11003926	0	0.002	Ton/Ton
11003127	0	0.003	Ton/Ton
13002670	0	0.01	Ton/Ton
11003407	0	1.9	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
LSHS- Boiler	1162.16	555.67	KL/A
HSD-Thermopac	420.48	0.97	KL/A
HSD-DG Set	2628	14.98	KL/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
COD	0.99	23	0	250	Within limit , Our facility is ZLD plant & Tratd watr utiliz in utility.
BOD	0.34	8	0	30	Within limit , Our facility is ZLD plant & Tratd watr utiliz in utility.
Suspended solids	0	0	0	100	Within limit , Our facility is ZLD plant & Tratd watr utiliz in utility.
TDS	4.69	107	0	2100	Within limit , Our facility is ZLD plant & Tratd watr utiliz in utility.

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
Boiler TPM	6.36	43.60	0	150	Within limit
DG set TPM	0.26	23.89	0	150	Within limit
Boiler SO2	29.07	199.50	0	98.67	Within limit
DG Set SO2	1.08	98.98	0	72	Within limit
Thermopack TPM	0.87	41.75	0	150	Within limit
Thermopack SO2	0.28	13.88	0	23	Within limit

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	1.56	1.81	KL/A
20.2 Spent solvents	1254.94	1645.8	KL/A
28.3 Spent carbon	3.28	6.21	MT/A
28.5 Date-expired products	0.07	0.113	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	526	295	Nos./Y
37.1 Sludge from wet scrubbers	0	0	MT/A
28.6 Spent organic solvents	0	0	MT/A
35.4 Oil and grease skimming	0	0	MT/A
28.2 Spent catalyst	0	0	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	34.88	57.06	MT/A
37.3 Concentration or evaporation residues	73.35	78.5	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Corrugated Boxes/ Paper, Aluminium, G.I. Scrap, Rubber Scrap & Miscellaneous Scrap	130	131	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

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.

1) Hazardous Waste			
Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	1.81	KL/A	-
20.2 Spent solvents	1645.8	KL/A	-
28.3 Spent carbon	6.21	MT/A	-
28.5 Date-expired products	0.113	MT/A	-
35.3 Chemical sludge from waste water treatment	57.06	MT/A	-
37.3 Concentration or evaporation residues	78.5	MT/A	-
2) Solid Waste			
Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	MT/A	NA

Part-G

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

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Replacement of conventional belt drive blower with Plug fan at Finishing and Warehouse.	0	0	0	12090	25	0
VFD provision in brine chiller, commissioning is completed.	0	0	0	18420	35	0

Part-H

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

[A] Investment made during the period of Environmental Statement		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Advanced air diffuser system installed for aeration	Water pollution	2

[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Construction of additional rainwater harvesting tank of capacity 25 KL	Water saving	10
Replacement of energy efficient pump in ETP area	Power saving	12

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Celebrated World Environment Day on 5th June 2024. Plantation of 30 no's of trees. Training provided to employees on various environmental standards to enhance the awareness among employee.

Name & Designation

Mr. Baban Lambade, Deputy Manager EHS

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000072934

Submitted On:

27-09-2024