



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000060612

Submitted Date

28-09-2023

PART A

Company Information

Company Name

Cipla Ltd

Application UAN number

0000137129

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)

16026

Scale

LSI

City

Pune

Pincode

413802

Person Name

P Gnanamoorthy

Designation

Unit Head

Telephone Number

02117230500

Fax Number

02117230100

Email

Vijay.mali2@cipla.com

Region

SRO-Pune I

Industry Category

Red

Industry Type

R58 Pharmaceuticals

Last Environmental statement submitted online

yes

Consent Number

Formate1.0/CAC/UAN
no.0000137129/CO/2211001551

Consent Issue Date

2022-11-18

Consent Valid Upto

2024-04-30

Establishment Year

2001

Date of last environment statement submitted

Sep 27 2022 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

150

Actual Quantity

18.75

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
Cooling	60.00	28.50
Domestic	40.00	8.38
All others	30.00	10.06
Total	228.90	83.83

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily quantity of trade effluent	110.20	27.28	CMD
Daily quantity of domestic effluent	38	5.15	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
API Products	348	717.94	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	0.0384	0.1439	Ton/Ton
11000016	0.0144	0.0184	Ton/Ton
11000030	0.0000	0.0264	Ton/Ton
12001614	0.0190	0.0917	Ton/Ton
11004017	0.0150	0.0693	Ton/Ton
12001336	0.0427	0.0352	Ton/Ton
12000084	0.0832	0.0400	Ton/Ton
12000088	0.0000	0.0395	Ton/Ton
11000080	0.2764	1.3374	Ton/Ton
11001376	0.1503	0.5828	Ton/Ton
11000097	0.0183	0.0471	Ton/Ton
11000106	13.2568	7.7197	Ton/Ton
11000107	0.6625	1.4893	Ton/Ton
11000121	0.0493	0.0793	Ton/Ton
11000120	0.0098	0.0118	Ton/Ton
11000138	0.0420	0.0799	Ton/Ton
12000125	0.0499	0.0960	Ton/Ton
12000013	0.0000	0.1493	Ton/Ton
11000740	0.2166	0.1042	Ton/Ton
12000157	0.0582	0.1307	Ton/Ton

12000159	0.0150	0.0288	Ton/Ton
11006372	0.0509	0.5101	Ton/Ton
11000034	0.0366	0.0672	Ton/Ton
12001474	0.0388	0.0374	Ton/Ton
11001019	0.0396	1.1875	Ton/Ton
11001025	0.0000	0.0316	Ton/Ton
11001029	0.4192	0.1680	Ton/Ton
12001875	0.0395	0.0644	Ton/Ton
12001595	0.0590	0.2227	Ton/Ton
11001125	15.3012	8.6843	Ton/Ton
12000274	0.0305	0.0680	Ton/Ton
12000069	0.0070	0.0133	Ton/Ton
12000440	0.0000	0.2061	Ton/Ton
12000063	0.0104	0.0120	Ton/Ton
12000279	0.4076	0.0560	Ton/Ton
11001335	0.0331	0.0581	Ton/Ton
11001336	0.6361	0.0187	Ton/Ton
12000698	0.0444	0.4479	Ton/Ton
11001352	0.0475	0.0289	Ton/Ton
11001435	0.0939	0.0883	Ton/Ton
11001524	0.0045	0.0064	Ton/Ton
11001546	0.6041	1.1902	Ton/Ton
11001594	0.0020	0.0259	Ton/Ton
11001644	0.2745	0.0352	Ton/Ton
11001652	1.0646	0.9174	Ton/Ton
11001654	10.7745	5.2749	Ton/Ton
13004037	0.0026	0.0094	Ton/Ton
11000145	0.6870	0.1302	Ton/Ton
11004657	0.0340	0.0346	Ton/Ton
11001808	0.0037	0.0072	Ton/Ton
11001809	0.0037	0.0072	Ton/Ton
12000447	0.3793	0.3200	Ton/Ton
11001984	22.6239	36.8700	Ton/Ton
11002026	17.5996	16.7264	Ton/Ton
11002142	0.0250	0.0468	Ton/Ton
11002143	0.2603	0.1272	Ton/Ton
11002415	0.0090	0.0115	Ton/Ton
13003237	0.0262	0.0509	Ton/Ton
11002438	0.0025	0.0048	Ton/Ton
11002442	0.0000	0.0205	Ton/Ton
11002628	0.0054	0.0104	Ton/Ton

11002643	0.0000	0.0074	Ton/Ton
11002829	0.0221	0.0497	Ton/Ton
11002836	0.0030	0.0043	Ton/Ton
11002894	0.0520	0.3122	Ton/Ton
11002908	0.0953	0.0404	Ton/Ton
11002916	0.0089	0.0128	Ton/Ton
11002966	1.1940	0.8204	Ton/Ton
11003042	0.3096	0.5091	Ton/Ton
11003045	0.0045	0.0063	Ton/Ton
11003050	0.2805	0.4741	Ton/Ton
11003071	0.0093	0.0158	Ton/Ton
11003121	0.0079	0.0065	Ton/Ton
11003199	2.0580	2.4889	Ton/Ton
11003309	0.2273	0.0191	Ton/Ton
11003307	0.0098	0.1326	Ton/Ton
13002635	0.1043	0.0406	Ton/Ton
13002668	0.0176	0.0424	Ton/Ton
12001053	0.3161	0.2666	Ton/Ton
11003348	0.3393	0.3736	Ton/Ton
11003376	2.8321	3.2464	Ton/Ton
11003407	0.3284	2.2065	Ton/Ton
11003411	0.2726	0.1332	Ton/Ton
11001002	0.0000	0.3544	Ton/Ton
11008922	0.0000	0.1474	Ton/Ton
12000724	0.0000	0.1080	Ton/Ton
12004075	0.0000	0.0480	Ton/Ton
13003524	0.0000	0.0480	Ton/Ton
13005989	0.0000	0.0406	Ton/Ton
13007972	0.0000	0.0424	Ton/Ton
13009221	0.0500	0.0321	Ton/Ton
12004364	0.0000	0.0120	Ton/Ton
11002022	0.1049	0.0000	Ton/Ton
11006383	0.0067	0.0000	Ton/Ton
11007302	0.0208	0.0014	Ton/Ton
11002639	0.0000	0.0333	Ton/Ton
11002638	0.0000	0.0059	Ton/Ton
11002766	0.0069	0.0074	Ton/Ton
11004908	0.0039	0.0000	Ton/Ton
11006382	0.0028	0.0000	Ton/Ton
11004982	0.0184	0.0000	Ton/Ton
11003418	0.0008	0.0000	Ton/Ton

11004014	0.3285	0.0000	Ton/Ton
11010053	0.4593	0.0000	Ton/Ton
11000053	27.3544	0.0000	Ton/Ton
13011151	0.0052	0.0000	Ton/Ton
11006392	0.1495	0.2007	Ton/Ton
11000248	0.0022	0.0000	Ton/Ton
12002827	0.0039	0.0000	Ton/Ton
12002828	0.0042	0.0000	Ton/Ton
11001017	0.0499	0.0000	Ton/Ton
12004992	0.0570	0.0600	Ton/Ton
13000982	0.0655	0.0094	Ton/Ton
13000985	0.0289	0.0095	Ton/Ton
13009898	0.0047	0.0129	Ton/Ton
12004209	0.0092	0.0176	Ton/Ton
11010576	0.5239	0.0000	Ton/Ton
11010575	0.1778	0.0000	Ton/Ton
12005234	0.2746	0.0000	Ton/Ton
12005508	0.1700	0.0136	Ton/Ton
11010866	1.3185	0.0000	Ton/Ton
12005301	0.0374	0.0480	Ton/Ton
12001163	0.4513	0.0000	Ton/Ton
11002942	0.0104	0.0000	Ton/Ton
12005299	0.0250	0.0320	Ton/Ton
12005298	0.0083	0.0000	Ton/Ton
99325989	0.0360	0.0000	Ton/Ton
12000588	0.1401	0.0000	Ton/Ton
12000589	0.4209	0.0000	Ton/Ton
12000586	1.3814	0.0000	Ton/Ton
12000587	1.5484	0.0000	Ton/Ton
12000590	0.2253	0.0000	Ton/Ton
11010743	0.0106	0.0102	Ton/Ton
11008922	0.1148	0.0000	Ton/Ton
12006079	0.0000	0.0139	Ton/Ton
13013552	0.0000	0.0072	Ton/Ton
11000298	0.0000	0.0216	Ton/Ton
13013052	0.0000	0.0104	Ton/Ton
11001017	0.0000	0.0954	Ton/Ton
11001688	0.0000	0.0230	Ton/Ton
12005545	0.0000	0.0160	Ton/Ton
13001463	0.0000	0.0084	Ton/Ton
12004534	0.0000	0.0160	Ton/Ton

11001978	0.0000	0.0070	Ton/Ton
13011635	0.0000	0.0155	Ton/Ton
13012194	0.0000	0.0160	Ton/Ton
12005994	0.0000	0.0083	Ton/Ton
12003485	0.0000	0.0240	Ton/Ton
12000529	0.0000	0.0067	Ton/Ton
12000530	0.0000	0.0067	Ton/Ton
11002942	0.0000	0.0240	Ton/Ton
11003025	0.0000	0.0240	Ton/Ton
11003024	0.0000	0.0120	Ton/Ton
13013132	0.0000	0.0088	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
LHS-Boiler	1162.16	474.10	KL/A
HSD-Thermopac	420.48	1.2734	KL/A
HSD-DG Set	2628	15.949	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 (Kg/Day)	0.845	26	90	250	Within limit , Our Facility is ZLD plant & treated water utilize in utility.
BOD (Kg/ day)	0.235	7	76	30	Within limit , Our Facility is ZLD plant & treated water utilize in utility.
Suspended solids (Kg/day)	0.243	8	93	100	Within limit , Our Facility is ZLD plant & treated water utilize in utility.
TDS (kg/day)	3.219	99	95	2100	Within limit , Our Facility is ZLD plant & treated water utilize 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	Standard	Reason
	Quantity	Concentration	%variation		
Boiler TPM	5.927	44.77	70.15	150	Within limit.
DG Set TPM	0.427	38.65	74.23	150	Within limit.
Boiler SO2	27.33	211.60	71.61	745	Within limit.
DG Set SO2	1.188	108.50	97.90	5170	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	1.074	1.560	KL/A
20.2 Spent solvents	2726.378	1254.94	KL/A
28.3 Spent carbon	0.400	3.28	MT/A
28.5 Date-expired products	0.1172	0.07	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	261	526	Nos./Y
37.1 Sludge from wet scrubbers	0.02	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	14.41	34.88	MT/A
37.3 Concentration or evaporation residues	141.385	73.35	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	96.6895	130.45	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	1.560	KL/A	Sale to authorized party/recycler/ Re processor
20.2 Spent solvents	1254.94	KL/A	Sale to authorized party/recycler/ Re processor
28.3 Spent carbon	3.28	MT/A	Send to CHWTSDF for incineration
28.5 Date-expired products	0.07	MT/A	Send to CHWTSDF for incineration
35.3 Chemical sludge from waste water treatment	34.88	MT/A	Send to CHWTSDF for land filling.

37.3 Concentration or evaporation residues	73.35	MT/A	Send to CHWTSDF for land filling.
Other Hazardous Waste	0.2142	MT/A	Battery waste send to authorized party.
Other Hazardous Waste	2.6838	MT/A	E waste send to authorized recycler.
Mirco Biological Waste	0.0054	MT/A	Biomedical waste send to CBWTF.

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)
Installation of Twilight switch for streetlights	0	0	0	2736	0.15	0
Replacement of Existing CT Fan with E-Glass Epoxy FRP Fan. (Additional 8 Nos: Phase-2)	0	0	0	22764	1.5	0
Automatic tube cleaning machine installation for BD-IV brine chiller CP-402 & CP-404	0	0	0	75600	16	0
Replacement of 2 x 36-watt CFL fitting with 40 W LED in QC building..	0	0	0	20640	6	0
Utility chilled water pump replacement with new efficient pump having energy efficient motor.	0	0	0	82584	7	0
Pumphouse pre- RO system drain water collection through sensor	3.32	0	0	0	0.25	0
Optimize CT efficiency to reduce water consumption	2.3	0	0	0	0	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)
Boiler fuel conversion from FO to LSHS.	Air pollution	1.5

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Boiler fuel conversion from LSHS to PNG.	Air pollution	157
Provision of Retro-fitting Emission control device kit to DG Sets	Air pollution	37.24

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Celebrated WED-2023 and planted 25 nos. of trees. Training provided to all employee on various environmental standards to enhance the awareness among the employee .

Name & Designation

Vijay Mali Dy. Manager

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000060612

Submitted On:

28-09-2023