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	Submitted Date
MPCB-ENVIRONMENT_STATEMENT-0000071168	23-09-2024

PART A

Company Information

Company Name	Application UAN number	
Emcure Pharmaceuticals Ltd.	MPCB-CONSENT-0000184883	
Address		
Plot No. 12/1, 12/2, F II Block, MIDC Pimpri, Pune		
Plot no	**Taluka**	**Village**
Plot No. 12/1, 12/2,	Haveli	MIDC Pimpri
Capital Investment (In lakhs)	**Scale**	**City**
8471.00	L.S.I	Pune
Pincode	**Person Name**	**Designation**
411018	Sachin Nemade	Senior Director - API Operations, Manufacturing
Telephone Number	**Fax Number**	**Email**
9765594564	02035070000	mangesh.sonawane@emcure.com
Region	**Industry Category**	**Industry Type**
SRO-Pimpri Chinchwad	Red	R58 Pharmaceuticals
Last Environmental statement submitted online	**Consent Number**	**Consent Issue Date**
yes	MPCB-CONSENT-0000184883	2023-06-01
Consent Valid Upto	**Establishment Year**	**Date of last environment statement submitted**
2026-12-31	2003	Sep 22 2023 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
API & Pharmaceutical Intermediates	24	3.296	MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day

Process	36.00	12.08
Cooling	36.00	15.67
Domestic	9.00	4.42
All others	0.00	0.00
Total	81.00	32.17

2) Effluent Generation in CMD / MLD

Particulars	***Consent Quantity***	***Actual Quantity***	***UOM***
Trade Effluent	19	6.12	CMD
Domestic Effluent	5	1.23	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***
Pharmaceuticals(excluding formulation)	0.118	0.272	CMD

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***
List Attached	114.25	73.51	MT/A

4) Fuel Consumption

Fuel Name	***Consent quantity***	***Actual Quantity***	***UOM***
LSHS for IBR Boiler	683280	43689	Kg/Annum
HSD for DG	192.72	13.77	KL/A
LDO for Non IBR Boiler	157.68	2.104	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***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
COD	0.40	54.84	NA	250	NA
BOD	0.15	20	NA	30	NA
TSS	0.15	20.33	NA	100	NA
TDS	2.39	325.96	NA	2100	NA
Chloride	0.30	40.57	NA	600	NA
Sulphate	0.14	19.53	NA	1000	NA
Oil & Grease	0	0	NA	10	NA
pH	0	7.40	NA	6.0-8.5	NA

[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
TPM for DG (S2& S3)	0.82	45.21	NA	50	NA
TPM for Boiler (S1)	10.41	40.45	NA	150	NA
Sulphur Dioxide (SO2) for DG (S2& S3)	0.70	42.16	NA	3.52	NA
Sulphur Dioxide (SO2) for Boiler (S1)	19.17	44.00	NA	37.44	NA
SPM for Scrubber (S4)	7.77	28.95	NA	NA	NA
Acid Mist for Scrubber (S4)	0.58	2.15	NA	35	NA
SPM for Scrubber (S5)	5.44	27.41	NA	NA	NA
Acid Mist for Scrubber (S5)	0.67	3.37	NA	35	NA
SPM for Scrubber (S6)	7.20	26.81	NA	NA	NA
Acid Mist for Scrubber (S6)	0.55	2.05	NA	35	NA

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	0.06	0	MT/A
28.1 Process Residue and wastes	2.48	2.70	MT/A
28.4 Off specification products	0	0.40	MT/A
28.5 Date-expired products	2.52	2.22	MT/A
20.2 Spent solvents	55.166	47.12	MT/A
28.2 Spent catalyst	0	0	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0	0.65	MT/A
Other Hazardous Waste	0	0.81	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	5.03	7.53	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Waste Packing material, rubber.	1.68	4.515	MT/A
MS, SS, Aluminum, GI, cable Scrap	5.925	7.10	MT/A
PVC/fibers/Metal/Clean drums, carboys, glass bottles.	1.606	1.687	MT/A
Corrugated boxes, wooden boxes and broken glass.	896	2200	Nos./Y

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	0	MT/A	NA
28.1 Process Residue and wastes	2.70	MT/A	NA
28.4 Off specification products	0.40	MT/A	NA
28.5 Date-expired products	2.22	MT/A	NA
20.2 Spent solvents	47.12	MT/A	NA
35.3 Chemical sludge from waste water treatment	7.53	MT/A	NA
28.2 Spent catalyst	0	MT/A	NA
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.65	MT/A	NA
Other Hazardous Waste (Used Glass wool & Puff)	0.81	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Waste Packing material, rubber.	4.515	MT/A	NA
MS, SS, Aluminum, GI, cable Scrap	7.10	MT/A	NA
PVC/fibers/Metal/Clean drums, carboys, glass bottles.	1.687	MT/A	NA
Corrugated boxes, wooden boxes and broken glass.	2200	Nos./Y	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)
We are using Nonhazardous waste like paper for vermicompost preparation	0	0	0	200	0	0
Installation of LED light fixtures	0	0	0	10000	0	0

Installation of ETP sludge dewatering machine	0.20	0	0	0	12	4

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)***
Green belt area development	Maintain & development of Green belt area within premises	4.0
Fire safety management	Maintain Fire protection system	5.0
Online ETP & stack monitoring system	Timely maintenance & calibration of system	3.5
Installation of double stage Scrubber system	Replacement of existing single stage scrubber system with double stage to enhance environment protection.	15
Installation of ETP sludge dewatering machine	Specially in rainy season dewatering of sludge will be fast & time saving as compare to sludge drying beds.	12

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
Automation in Solvent transferring system	To reduce solvent handling looses by installation of mass flow meter	50

Part-I

Any other particulars for improving the quality of the environment.

Particulars

We have planted 10 Nos of tree in company premises and survival rate is almost 99%. Also we are using vermicompost as nutrient for plants. We are celebrating World Environment Day as awareness programs at site.

Name & Designation

Mr. Sachin Nemade - Senior Director - API Operations

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000071168

Submitted On:

23-09-2024