



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-0000058943

Submitted Date

22-09-2023

PART A

Company Information

Company Name

Emcure Pharmaceuticals Ltd.

Application UAN number

MPCB-CONSENT-0000156815

Address

Plot No. 12/1, 12/2, F II Block, MIDC Pimpri, Pune

Plot no

Plot No. 12/1, 12/2,

Taluka

Haveli

Village

MIDC Pimpri

Capital Investment (In lakhs)

5951.00

Scale

L.S.I

City

Pune

Pincode

411018

Person Name

Mr. Sachin Nemade

Designation

Senior Director - API Operations

Telephone Number

9765594564

Fax Number

02035270000

Email

Mangesh.sonawane@emcure.co.in

Region

SRO-Pimpri Chinchwad

Industry Category

Red

Industry Type

R58 Pharmaceuticals

Last Environmental statement submitted online

yes

Consent Number

MPCB-CONSENT-0000156815

Consent Issue Date

2023-06-01

Consent Valid Upto

2026-12-31

Establishment Year

2003

Date of last environment statement submitted

Sep 23 2022 12:00:00:000AM

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

Product Information

Product Name

S- Amlodipine Besilate & API and Pharmaceutical Intermediates

Consent Quantity

24

Actual Quantity

1.861

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

Consent Quantity in m3/day

Actual Quantity in m3/day

Process	36.00	18.34
Cooling	36.00	22.08
Domestic	9.00	1.33
All others	0.00	0.00
Total	81.00	41.75

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	19	7.16	CMD
Domestic Effluent	5	1.03	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)	0.132	0.118	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	58.08	114.25	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Furnace Oil	683280	46371	Kg/Annum
HSD	192.72	8.224	KL/A
LDO for Boiler	157.68	1.761	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) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
COD	0.48	58.34	NA	250	NA
BOD	0.18	21.42	NA	30	NA
TSS	0.16	19.63	NA	100	NA
TDS	2.76	336.46	NA	2100	NA
Chloride	0.34	41.41	NA	600	NA
Sulphate	0.14	16.49	NA	1000	NA
Oil & Grease	0	0	NA	10	NA
pH	0	7.41	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	0.015	61.21	NA	50	NA
TPM for Boiler	0.093	57.38	NA	50	NA
Sulphur Dioxide (SO2) for DG	0.010	42.47	NA	3.52	NA
Sulphur Dioxide (SO2) for Boiler	1.01	40.52	NA	168	NA
SPM for Scrubber (S3)	1.642	35.78	NA	NA	NA
Acid Mist for Scrubber (S3)	0.080	1.75	NA	35	NA
SPM for Scrubber (S4)	1.457	32.76	NA	NA	NA
Acid Mist for Scrubber (S4)	0.094	2.12	NA	35	NA
SPM for Scrubber (S5)	0.072	30.51	NA	NA	NA
Acid Mist for Scrubber (S5)	0.005	2.24	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	0.06	MT/A
21.2 Spent solvent	69.73	55.166	MT/A
28.1 Process Residue and wastes	1.42	2.48	MT/A
28.5 Date-expired products	3.57	2.52	MT/A
28.2 Spent catalyst	0	0	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0.009	0	MT/A
28.4 Off specification products	0.0	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	0.945	5.03	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, plastic PVC, Rubber	2.98	1.68	MT/A
MS, SS, Aluminium, GI, Cable Scrap	7.12	5.925	MT/A
PVC/Fibre/Metal/Clean drums, Carboys, Glass bottle	2.1	1.606	MT/A
Corroguated boxes, wooden boxes, broken glass	1833	896	Nos./Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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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	0.06	MT/A	NA
20.2 Spent solvents	55.166	MT/A	NA
28.1 Process Residue and wastes	2.48	MT/A	NA
28.2 Spent catalyst	0.00	MT/A	NA
28.4 Off specification products	0.00	MT/A	NA
28.5 Date-expired products	2.52	MT/A	NA
33.1 Empty barrels /containers /l	0.00	MT/A	NA
35.3 Chemical sludge from waste	5.03	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Waste Packing material, plastic PVC, Rubber	1.683	MT/A	NA
MS, SS, Aluminium, GI, Cable Scrap	5.92	MT/A	NA
PVC/Fibre/Metal/Clean drums, Carboys, Glass bottle	1.606	MT/A	NA
Corrugated boxes, wooden boxes, broken glass	896	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)
We are using Non-hazardous waste like paper for vermicompost preparation	0	0	0	200	0	0
Installation of LED light fixtures	0	0	0	10000	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)
Green belt area development	Maintain & development of Green belt area within premises	4.15
Fire safety management	Maintain Fire protection system	3.0
Online stack monitoring system installation	Continuous monitoring emission parameters	28

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Biomedical waste membership	Scientific disposal of Biomedical waste disposal	1.0
Installation of double stage Scrubber system	Replacement of existing single stage scrubber system with double stage to enhance environment protection.	15.0
Online Monitoring system servicing & maintenance	To continuous monitoring of stack emission & ETP data	12.50

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:

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Submitted On:

22-09-2023