



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000043248

Submitted Date

15-07-2022

PART A

Company Information

Company Name

SAREX OVERSEAS (A Div of Saraf Chemicals Ltd.)

Application UAN number

MPCB-CONSENT-0000038738

Address

PLOT NO. N-129, 130,131, & 132, M.I.D.C.,
TARAPUR INDL AREA, BOISAR (W)

Plot no

PLOT NO. N-129, 130,131, & 132,

Taluka

PALGHAR

Village

TARAPUR

Capital Investment (In lakhs)

5744

Scale

LSI

City

BOISAR

Pincode

401506

Person Name

MR N SALGIYA

Designation

PRESIDENT

Telephone Number

9011255980

Fax Number

Email

sfplant@sarex.com

Region

SRO-Tarapur I

Industry Category

Red

Industry Type

R58 Pharmaceuticals

Last Environmental statement submitted online

yes

Consent Number

FORMAT 1.0/BO/AS(T)/UAN NO.
0000003528/CC-2005000009

Consent Issue Date

May 8, 2020

Consent Valid Upto

28/02/2023

Establishment Year

1969

Date of last environment statement submitted

Sep 18 2021 12:00:00:000AM

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

Product Information

Product Name

Ven-2

Consent Quantity

120

Actual Quantity

97.5

UOM

MT/A

5-Ethyl Pyridine-2 Ethanol

48

45.068

MT/A

Diphenic Acid

6

0.001

MT/A

Benzophenine Imine

6

0.008

MT/A

Pyridinium-P-Tolune Silfonate

6

0.28

MT/A

NCHQ

6

0.85

MT/A

DPDS

2.4

0.02

MT/A

2,4 Thiozoldindion	21.6	20.701	MT/A
DDH	60	32.707	MT/A
Other organic Hydrocarbons	174.60	147.932	MT/A
Other Trizene Products	24	1.38	MT/A
ST22	12	3.6	MT/A
1Phenyl-1 Cyclopentane Carboxylic Acid	12	0.25	MT/A
Homophalic Acid	6	0.72	MT/A
Other organic carboxylic Acid compounds	60	0.001	MT/A
Other Helogen Organics Products	632.4	629.181	MT/A
Other Textile Chemicals	696	158.083	MT/A
Diphenyl Methane	3	0.1	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 Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	25	17.20
Domestic	15	10.30
All others	30	20.60
Total	150	103.10

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	51	35.0	CMD
DOMESTIC EFFLUENT	12.8	8.7	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
LIST ATTACHED	0.01	0.01	Kg/Annum

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
5-ETHYL-2-METHYL PYRIDINE	0.073	0.08	MT/A
ACETIC ACID	0.009	0.008	MT/A
ACTIVATED CHARCOL	0.03	0.002	MT/A
ALUMINIUM CHLORIDE ANHY	0.169	0.24	MT/A
BENZENE	0.026	0.0005	MT/A
BIPHENYL	0.131	0.18	MT/A

CAUSTIC FALKES	0.009	0.01	MT/A
CAUSTIC LYE	0.115	0.11	MT/A
CHLORINE GAS	0.079	0.11	MT/A
CYNURIC CHLORIDE 99%	0.121	0.14	MT/A
DI ETHYLLENE GLYCOL	0.063	0.10	MT/A
ETHYL MERCAPTAN	0.036	0.05	MT/A
1,8-NAPHTHALIC ANHYDRIDE	0	0.0004	MT/A
FORMIC ACID	0.065	0.11	MT/A
HCL GAS ANHYDROUS	0.028	0.06	MT/A
HCL	0	0.21	MT/A
4-BROMOANISOLE	0.001	0	MT/A
IPA	0.238	0.08	MT/A
METHANOL FRESH	0.167	0.48	MT/A
ETHYL ACETATE (COMMERCIAL)	0.008	0.006	MT/A
PARA FORMALDEHYDE	0.055	0.06	MT/A
MONO CHLOR ACETIC ACID	0.013	0.02	MT/A
N OCTYK CHLORIDE	0.025	0	MT/A
HEPTANE ISOMER MIX (F)	0.024	0.02	MT/A
POTASSIUM CARBONATE ANHY	0.051	0.02	MT/A
RESORCINOL	0.023	0.09	MT/A
TOLUENE	0.019	0.02	MT/A
TRIETHYL AMINE	0.004	0	MT/A
SERA PP03 (T508)	0.014	0	MT/A
TBAB	0.01	0	MT/A
META XYLENE	0.168	0	MT/A
PHOSP TRICHLORIDE	0.003	0	MT/A
2,4 DTBP	0.01	0	MT/A
SULPHURIC ACID	0.001	0.003	MT/A
2-METHYL RESORCINOL	0	0.001	MT/A
SODIUM CARBONATE (COMMERCIAL)	0.003	0	MT/A
THIOUREA	0.010	0.01	MT/A
MONO CHLORO BENZEN	0.227	0	MT/A
XYLENE MIXED	0	0.11	MT/A
TRIETHANOL AMINE	0.001	0	MT/A
MIBK	0.037	0.04	MT/A
ODCB	0.054	0.005	MT/A
PTHALIC ANHYDIDE	0.007	0.004	MT/A
MCB (COMMERCIAL)	0	0.46	MT/A
DMF	0.272	0.5	MT/A
AMMONIUM LIQUOR	0.124	0.19	MT/A
SERA PP-27	0.107	0	MT/A

SERA PP-08	0.011	0	MT/A
HYDROCHLORIC ACID (35%)	0.161	0.21	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
PNG	0	84488	
DIESEL	219000	3061	Ltr/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
pH	0	7.9	0	5.5-9.0	--NA--
COD	4.9	91.25	36.5	250 mg/l	--NA--
BOD	1.09	20	20	100 mg/l	--NA--
SS	1.2	22	22	100 mg/l	--NA--
OIL & GREASE	0.04	0.75	7.5	10 mg/l	--NA--
TDS	46.5	53.45	46.58	2100 mg/l	--NA--

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (KL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
SPM /TPM	0	79	52.67	150 mg/Nm3	--NA--

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.2 Spent solvents	157.5	203.097	MT/A
20.3 Distillation residues	46.13	118.84	MT/A
20.4 Process Sludge	27.49	33.407	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	226.01	197.42	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
--NA--	0	0	M3/Anum

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
20.3 Distillation residues	118.84	MT/A	CHWTSDF, TALOJA
35.3 Chemical sludge from waste water treatment	197.42	MT/A	CHWTSDF, TALOJA
20.2 Spent solvents	203.097	MT/A	CHWTSDF, TALOJA
20.4 Process Sludge	33.407	MT/A	CHWTSDF, TALOJA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
--NA--	0	M3/Anum	-

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)
E.T.P. Operation cost ,Cost of Consumables ,Cost of Analysis of ,Effluent Sample ,Electrical Energy, Environment audit Statement ,Water Supply ,Water Cess Returns, House Keeping	0	0	0	0	105	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)
At present, the existing environmental protection system are considered to be adequate. For treatment of waste water company has provided the Effluent Treatment Plant	Modification of ETP and installation of SCADA System and NRV and auto sampler	30

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Company has planted few number of trees around the factory, within company's own land premises. The hazardous waste generated is being sent to CHWTSD Facility for disposal. Noise level survey, cess returns & house keeping are done regularly. The Soak Pit & Septic Tank is provided for the treatment of Domestic effluent. Environment and safety aspects is of prime importance and is incorporated at the Design and energy aspects of operations. Green drive is the major contribution to create the en

Name & Designation

MR N SALGIYA

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000043248

Submitted On:

15-07-2022