



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-0000060635

Submitted Date

28-09-2023

PART A

Company Information

Company Name

Shogun Organics Limited

Application UAN number

100048318010

Address

Plot No. D-18, MIDC Kurkumbh,
Tal. Daund, Dist. Pune,
Pin-413802

Plot no

Plot No. D-18, MIDC Kurkumbh

Taluka

Daund

Village

Kurkumbh

Capital Investment (In lakhs)

4897

Scale

LSI

City

MIDC Kurkumbh

Pincode

413802

Person Name

M. V. Hande

Designation

Director

Telephone Number

9920183331

Fax Number

Email

mvhande@shogunorganics.com

Region

SRO-Pune I

Industry Category

Red

Industry Type

R22 Organic Chemicals manufacturing

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/AS(T)UAN No.MPCB-
CONSENT-0000114823/CR/2201000147

Consent Issue Date

2023-07-11

Consent Valid Upto

2027-07-31

Establishment Year

2008

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

D-trans Allethrin Tech

Consent Quantity

46.4

Actual Quantity

14.196

UOM

MT/A

Tech. D-Allethrin (DL)

46.4

0.247

MT/A

Transfluthrin Technical

46.4

36.105

MT/A

Prallethrin Technical

46.4

9.251

MT/A

Permethrin Technical

46.4

23.004

MT/A

Bifenthrin Tech

46.4

34.105

MT/A

LV with 1.6% Transfluthrin(35/45ml)	108	13.262	MT/A
LV with0.88% Transfluthrin(35/45ml)	108	7.021	MT/A
Tebuconazole Tech	52.94	12.55	MT/A
Thiamethoxam Tech	52.94	25.718	MT/A
Bispyribac Sodium Tech	52.94	0.88	MT/A
Clodinafop propargyl Tech	52.94	5.965	MT/A
Dinotefuran Tech	52.94	10.55	MT/A
Heater machines	300000	202208	Nos./Y
Penoxsulam Tech	52.94	0.48	MT/A
Quizalofop Ethyl Tech	52.94	25.67	MT/A
Renofluthrin 5% MUP	360	0.17	MT/A
Lambda Cyhalothrin Tech	46.4	13.831	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	
	74.35	31.50	
Cooling	191.31	80.00	
Domestic	16.60	11.40	
All others	173.88	60.00	
Total	456.14	182.90	

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	56.71	30.5	CMD
Domestic/ Sewage	13.8	8.2	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
Tech. D-Allethrin (DL)	2.0	2.2	
Transfluthrin Technical	2.6	1.86	
Prallethrin Technical	3.71	3.70	
Permethrin Technical	1.79	1.79	
D-Trans Allethrin Technical	2.557	2.55	
Bifenthrin	2.6	2.53	
LV with 1.6% Transfluthrin (35/45ml)	0	0	
LV with 0.88% Transfluthrin (35/45ml)	0	0	
Tebuconazole Tech	0	1.88	

Thiamethoxam Tech	0	3.6
Bispyribac Sodium Tech	0	0.158
Clodinafop propargyl Tech	0	9.8
Dinotefuran Tech	0	1.52
Heater machines	0	0
Penoxsulam Tech	0	0.067
Quizalofop Ethyl Tech	0	5.5
Renofluthrin 5% MUP	0	0.023
Lambda Cyhalothrin Tech	0	5.2

3) Raw Material Consumption (Consumption of raw material per unit of product)

<i>Name of Raw Materials</i>	<i>During the Previous financial Year</i>	<i>During the current Financial year</i>	<i>UOM</i>
Allethlone Alcohol	16.6	7.07	MT/A
R-Allethlone Alcohol	0.2	0.123	MT/A
Prallethlone Alcohol	6.8	9.60	MT/A
Toluene	21.1	139.066	MT/A
Cypermethric Acid Chloride	3.8	9.11	MT/A
Caustic Flakes	24.7	6.32	MT/A
Meta Phenoxy Benzyl Alcohol	4.8	1.569	MT/A
Ephedrine Hydrochloride	1.15	0.9	MT/A
HCL	10.3	8.4	MT/A
Cypermethric Acid	9.4	6.7	MT/A
Thionyl Chloride	8.4	4.0	MT/A
Potasssium Carbonate	6.5	4.94	MT/A
n-Hexane	1.2	3.41	MT/A
Bifenthrin alcohol	10.1	16.11	MT/A
cyclohexane	4.0	1.532	MT/A
Sodium carbonate	4	18.06	MT/A

4) Fuel Consumption

<i>Fuel Name</i>	<i>Consent quantity</i>	<i>Actual Quantity</i>	<i>UOM</i>
LDO	223015	8170	Ltr/A
HSD	54750	6400	Ltr/A
Briquette	5475	554.04	MT/A

Part-C

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

[A] Water

<i>Pollutants Detail</i>	<i>Quantity of Pollutants discharged (kL/day)</i>	<i>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</i>	<i>Percentage of variation from prescribed standards with reasons</i>	<i>Standard</i>	<i>Reason</i>
<i>Quantity</i>		<i>Concentration</i>	<i>%variation</i>		
TSS	100	34	NA	NA	NA

TDS	2100	1442	NA	NA	NA
pH 5.5-9.0	0	1442	NA	NA	NA
BOD	100	40	NA	NA	NA
Oil & Grease	10	5	NA	NA	NA
COD	250	115	NA	NA	NA
Sulphate	1000	288	NA	NA	NA
Chloride	600	66	NA	NA	NA

[B] Air (Stack)

<i>Pollutants Detail</i>	<i>Quantity of Pollutants discharged (kL/day)</i>	<i>Concentration of Pollutants discharged(Mg/NM3)</i>	<i>Percentage of variation from prescribed standards with reasons</i>		
	<i>Quantity</i>	<i>Concentration</i>	<i>%variation</i>	<i>Standard</i>	<i>Reason</i>
SPM	150	55.4	NA	NA	NA

Part-D

HAZARDOUS WASTES

1) From Process

<i>Hazardous Waste Type</i>	<i>Total During Previous Financial year</i>	<i>Total During Current Financial year</i>	<i>UOM</i>
29.2 Sludge containing residual pesticides	3.49	0.823	MT/A
35.3 Chemical sludge from waste water treatment	1.67	3.277	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	515	203	Nos./Y

2) From Pollution Control Facilities

<i>Hazardous Waste Type</i>	<i>Total During Previous Financial year</i>	<i>Total During Current Financial year</i>	<i>UOM</i>
0	00	0	MT/A

Part-E

SOLID WASTES

1) From Process

<i>Non Hazardous Waste Type</i>	<i>Total During Previous Financial year</i>	<i>Total During Current Financial year</i>	<i>UOM</i>
Scrap Paper & Garbage	793	845	Kg/Annum

2) From Pollution Control Facilities

<i>Non Hazardous Waste Type</i>	<i>Total During Previous Financial year</i>	<i>Total During Current Financial year</i>	<i>UOM</i>
NA	0	0	Kg/Day
NA	0	0	SqMtr/D

3) Quantity Recycled or Re-utilized within the unit

<i>Waste Type</i>	<i>Total During Previous Financial year</i>	<i>Total During Current Financial year</i>	<i>UOM</i>
0	0	0	Kg/Day
0	0	0	SqMtr/D

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
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	203	Nos./Y	0
29.2 Sludge containing residual pesticides	0.823	MT/A	0
35.3 Chemical sludge from waste water treatment	3.277	MT/A	0

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	MT/A	0

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)
LDO Reduction w.r.t. last financial year	0	0	0	0	0	0
HSD Reduction w.r.t. last financial year	0	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)
LED solar street light fitted in Factory premises	LED solar street light fitted in factory premises	500000
Tree plantation of 2085 nos done in factory premises in July 2022	for gardening and reducing Carbon foot prints	1500000

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Installation of ETP/MEE /RO for ZLD.	ACHIVE ZLD	50000000

Part-I

Any other particulars for improving the quality of the environment.

Particulars

M/s. Shogun Organics Ltd

Name & Designation

M. V. Hande-Director

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000060635

Submitted On:

28-09-2023