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-0000073253	28-09-2024

PART A

Company Information

Company Name	***Application UAN number***	
Shogun Organics Limited	100048318010	
Address		
Plot No. D-18, MIDC Kurkumbh, Tal. Daund, Dist. Pune, Pin-413802		
Plot no	***Taluka***	***Village***
Plot No. D-18, MIDC Kurkumbh	Daund	Kurkumbh
Capital Investment (In lakhs)	***Scale***	***City***
4897	LSI	MIDC Kurkumbh
Pincode	***Person Name***	***Designation***
413802	M. V. Hande	Director
Telephone Number	***Fax Number***	***Email***
9920183331		mvhande@shogunorganics.com
Region	***Industry Category***	***Industry Type***
SRO-Pune I	Red	R22 Organic Chemicals manufacturing
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC/UAN NO.0000152003/CO/2307000577	2023-07-11
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2027-07-31	2008	Sep 28 2023 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Shed-1 (D-trans Allethrin Tech,D- Allethein Tech,Prallethein Tech, Transfluthrin Tech,Dimefluthrin Tech,Bifenthrin Tech,Lambda Cyhalothrin Tech, Renofluthrin Tech	696.000	173.8	MT/A
Intermediate (Cypermethric Acid Chloride,R- Cypermethric Acid)	143.000	99.001	MT/A
Shed 3 (Tebuconazole Tech,Bispyribac Sodium Technical, Thiamethoxam Technical,Metribuzin Tech,Clodinafop Propargyl Tech,Penoxsulam Tech,Quizalofop Ethyl Tech,Ametryn Tech,Dinotefuran Tech,Chlorantran	900.00	194.761	MT/A
Formulation (Transfluthrin 1.6% LV)	108.00	13.277	MT/A
Renofluthrin 5% MUP	360.000	206.434	MT/A

Heater Machine	300000.00	162940	Nos./Y

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	74.35	36.72
Cooling	265.67	24.32
Domestic	16.60	10.91
All others	173.88	32.23
Total	530.50	104.18

2) Effluent Generation in CMD / MLD

Particulars	*Consent Quantity*	*Actual Quantity*	*UOM*
Trade Effluent	56.71	32.5	CMD
Domestic/ Sewage	13.8	9.2	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)	2.2	4.7	
Transfluthrin Technical	1.86	1.88	
Prallethrin Technical	3.70	5.1	
D-Trans Allethrin Technical	2.55	2.55	
Bifenthrin	2.53	3.6	
LV with 1.6% Transfluthrin (35/45ml)	0	0	
Tebuconazole Tech	1.88	2.23	
Thiamethoxam Tech	3.6	5.99	
Bispyribac Sodium Tech	0.158	1.2	
Clodinafop propargyl Tech	9.8	10.8	
Dinotefuran Tech	1.52	3.5	
Heater machines	0	0	
Penoxsulam Tech	0.067	0.067	
Quizalofop Ethyl Tech	5.5	5.43	
Renofluthrin	6.3	8.3	
Lambda Cyhalothrin Tech	5.2	7.99	
Dimefluthrin Tech	0	12.6	
Metribuzin Tech	0	9.5	
Ametryn Tech	0	2.4	
Chlorantraniliprole Tech	0	4.3	

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
Allethlone Alcohol	7.07	5.8	MT/A
R-Allethlone Alcohol	0.123	0.375	MT/A
Prallethlone Alcohol	9.60	9.945	MT/A
Toluene	139.066	99.4	MT/A
Cypermethric Acid Chloride	9.11	0.857	MT/A
Caustic Flakes	6.32	84.9	MT/A
Meta Phenoxy Benzyl Alcohol	1.569	1.4	MT/A
Ephedrine Hydrochloride	0.9	2.5	MT/A
HCL	8.4	110.94	MT/A
Thionyl Chloride	4.0	58.045	MT/A
Potasssium Carbonate	4.94	55.088	MT/A
n-Hexane	3.41	13.4	MT/A
Bifenthrin alcohol	16.11	12.645	MT/A
cyclohexane	1.532	25.869	MT/A
Sodium carbonate	18.06	62.213	MT/A
1-(4 Chloro) 4,4,Dimetyl-3-Pentanone	0	14.506	MT/A
1,2,4 Triazole	0	5.6	MT/A
Atrazin Technical	0	12	MT/A
Bromo CPCA-CTPR Tech	0	6.9	MT/A
Dimethyl Sulifide	0	21.322	MT/A
Dimethyl Sulphoxide	0	26.802	MT/A
Meta Phonoxy Benzaldehyde	0	5.4	MT/A
Methane Sulfonyl Chloride	0	4.224	MT/A
Methyl Mercaptan Sodium salt	0	22.2	MT/A
Propargyl Alcohol	0	7.2	MT/A
R- Ethyl2(4Hydroxyphenoxy)Propanoate	0	17.235	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
LDO	295105	140300	Ltr/A
HSD	54750	8800	Ltr/A
Briquette	5475	1699	MT/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
TSS	0.11375	35	NA	NA	NA
TDS	5.03	1550	NA	NA	NA
pH 5.5-9.0	0	7.4	NA	NA	NA
BOD	0.089	25.2	NA	NA	NA
Oil & Grease	0.016	5	NA	NA	NA
COD	0.3324	102.3	NA	NA	NA
Sulphate	0.3016	92.8	NA	NA	NA
Chloride	0.4115	126.5	NA	NA	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
SPM	0.87	46.52	NA	NA	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
29.2 Sludge containing residual pesticides	0.823	6.89	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	203	988	Nos./Y
Other Hazardous Waste	0	4.01	Nos./Y

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	3.277	6.01	MT/A
37.3 Concentration or evaporation residues	0	64.97	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Scrap Paper & Garbage	845	950	Kg/Annum

2) From Pollution Control Facilities

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

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	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	988	Nos./Y	0
29.2 Sludge containing residual pesticides	6.89	MT/A	0
35.3 Chemical sludge from waste water treatment	6.01	MT/A	0
37.3 Concentration or evaporation residues	64.97	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)***
Installation of ETP/MEE /RO for ZLD.	ACHIVE ZLD	50000000
Tree plantation in factory premises	for gardening and reducing Carbon foot prints	150000

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
Environment Compliance Report	Compliance	328040
Submersible Pump For ETP	Waste Water Treatment	38500
Tree plantation in factory premises	for gardening and reducing Carbon foot prints	200000
Purchase VOC Meter	Air Monitoring	120000

Purchase Multigas Analyser	Air Monitoring	50000
ETP Tanks Acid Proof Tiling Work	To Protect Land	300000

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-0000073253

Submitted On:

28-09-2024