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	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000061773	30-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
M/s Vadivarhe Speciality Chemicals Ltd	MPCB-CONSENT-0000149642	
Address		
Gat No-204 Nashik Mumbai Highway ,Wadivarhe Ta-Igatpuri Dist-Nashik-422403		
Plot no	***Taluka***	***Village***
Gat No-204	Igatpuri	Wadivarhe
Capital Investment (In lakhs)	***Scale***	***City***
3568.18	LSI	Nashik
Pincode	***Person Name***	***Designation***
422403	Mr.Anil Suryawanshi	Director
Telephone Number	***Fax Number***	***Email***
7506059789	0	anil.s@vscl.in
Region	***Industry Category***	***Industry Type***
SRO-Nashik	Red	R58 Pharmaceuticals
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format1.0/AS(T)/UAN No.0000149642/CR/2301000641	2023-01-05
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2024-11-30	2007	Sep 23 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Trimethyl Ortho Propionate (MOP)	6.000	0.350	MT/A
Trimethyl Ortho Valerate (MOV)	6.000	0.540	MT/A
Tributyl Ortho Valerate (BOV)	2.400	0.940	MT/A
Trimethyl Ortho Benzoate (MOB)	6.000	0.310	MT/A
Trimethyl Ortho Butyrate (MOBU)	0.600	0.07	MT/A
Ethyl-N- Dodecanoyl-L-arginate Hydro Chloride	6.000	0.700	MT/A
3-Aminopthalhydr Azide (Luminol) (3APH)	2.400	0.200	MT/A

3-Aminophthalhy drazide Sodium Salt	0.6000	0.04	MT/A
1-Bromo-4-tert butyl Benzene	6.000	0.43	MT/A
N-N-Dimethyl Formamide Dimethyl Acetal	2.4000	0.200	MT/A
Tert-Butyxy bis (dimethyl amino)methane.(TBTMMDA)	4.7560	0.06	MT/A
Briji Wax	36.000	3.12	MT/A
Hydol Wax	36.000	6.35	MT/A
Sterioamide propyl dimrthylamine	36.00	2.64	MT/A
Sodium Thioglycolate (Powder)	2.400	0.88	MT/A
Calcium thieoglycolate (CaTG)	2.400	0.34	MT/A
Cheamide	4.9200	0.81	MT/A
Aloe Vera Juice (Stabilised)	99.9600	46.10	MT/A
Ammonium Thioglycolate (Solution)	1.2000	0.14	MT/A
Moxifloxacin Hydrochloride	6.000	1.16	MT/A
Escitalopram Oxalate	6.000	0.05	MT/A
Atorvastatin Calcium	24.00	0.25	MT/A
Febuxostat	6.00	0.83	MT/A
Ketoprofen	12.000	0.53	MT/A
Rupatadine Fumarate	6.000	0.01	MT/A
Heck Coupled Product	0.0960	0.03	MT/A
Phenylepherin Hydrochloride (PPH)	24.000	6.78	MT/A
Dexketoprofen Trometamol	12.000	3.14	MT/A
Trimethyl Orthoacetate	0.4800	0.04	MT/A
Clotrimazole	36.000	1.52	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	24.41	6.60
Cooling	23.00	18.00
Domestic	5.00	4.50
All others	2.00	1.00
Total	54.41	30.10

2) Effluent Generation in CMD / MLD

Particulars	***Consent Quantity***	***Actual Quantity***	***UOM***
Trade Effluent	20.51	05.28	CMD
Domestic Effluent	04.20	03.60	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 of Product mention in PART-A	0.032	0.030	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
Raw Material List Uploaded	0	0	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel (40 Lit/Hr)	40.00	3762	Ltr/A
Briquette/Wood Fire-(500 Kg/Hr)	500.0	1304.6	MT/A
LDO (20 Kg/Hr)	20.00	900	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)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
As Per Consent Condition Industry has Installed ZLD System.	0	0	NA	NA	NA
Suspended Solids (STP Treated Water)	0.08	24	-52	50 mg/l	No Variation
B.O.D,3days@ 27 OC	0.09	26	-13.33	30 mg/l	No Variation
COD	0.27	76	-24	100 mg/l	No Variation

[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 (Stack-Process)	9.75	17	-85.21	115 mg/Nm3	No Variation
SO2 (Stack-Process)	5.16	9.0	0	...Kg/Day	No Variation
Acid Mist /HCL (Stack-Process)	0	0	-100	35 mg/Nm3	No Variation
TPM (Stack-Boiler)	5.44	59	-48.69	115 mg/Nm3	No Variation
SO2 (Stack-Boiler)	3.87	42	-77.60	17.28 Kg/Day	No Variation
T.P.M (Stack-D.G.Set-250 KVA)	0.98	44	-61.73	115 mg/Nm3	No Variation
SO2 (Stack-D.G.Set-250 KVA)	0.77	35	-87.96	6.4 Kg/Day	No Variation

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.3 Distillation residues	5.295	10.990	MT/A
28.1 Process Residue and wastes	5.386	7.633	MT/A
29.1 Process wastes or residues	1.701	0	MT/A
29.1 Process wastes or residues	2.243	0	MT/A
28.6 Spent organic solvents	75.504	547.33	MT/A
35.1 Exhaust Air or Gas cleaning residue	0.026	0	MT/A
5.1 Used or spent oil	0.300	0	MT/A
Other Hazardous Waste	0.0417	0	MT/A
35.4 Oil and grease skimming	0.00	0.245	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	8.385	6.502	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Plastic Bag Packing Material	0	0	MT/A
Wooden, Metal ,Plastic ,Paper Scrap, Stationery	0.600	0.500	MT/A
Boiler Ash	15.90	08.50	MT/A
MS,HDPE, Fiber Drum	1000	900	Nos./Y
Glass Bottles	0	0	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
20.3 Distillation residues	11.084	MT/A	Solid
28.1 Process Residue and wastes	7.809	MT/A	Solid
35.3 Chemical sludge from waste water treatment	6.607	MT/A	Solid

28.6 Spent organic solvents	547.33	MT/A	Liquid
35.4 Oil and grease skimming	0.245	MT/A	Solid
Other Hazardous Waste	0	MT/A	Solid (E- Waste)

2) Solid Waste

Type of Solid Waste Generated	*Qty of Solid Waste*	*UOM*	*Concentration of Solid Waste*
Plastic Bag Packing Material	0	MT/A	Solid
Wooden, Metal ,Plastic ,Paper Scrap, Stationery	0.500	MT/A	Solid
Boiler Ash	8.500	MT/A	Solid
MS,HDPE, Fiber Drum	900	Nos./Y	Solid
Glass Bottles	0	Nos./Y	Solid

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)*
Nil	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)*
The company has already taken efforts for abatement of Environmental protection .The company has installed Pollution Control System i.e. ETP With Steeper ,Evaporator & RO ,STP, APC With adequate capac	The Company has operating ETP with Steeper ,Evaporator & RO ,STP , APC With efficiently. The Company has monitored Air & Water testing periodically & committed towards continual improvement for Enviro	1.0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	*Environmental Protection Measures*	*Capital Investment (Lacks)*
The Company shall arrange various type of plan i.e. Air , Water Monitoring to measure & minimize Pollution level for Environmental Protection as and when required.	The company shall be plan for Environmental protection abatement of Pollution as and when required.	0.5

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The Company is very cautious regarding Environmental Protection. The company has already installed required pollution control systems and met the norms as per given consented parameters. The treated water of ETP is recycled to Boiler & Cooling Tower .The STP Treated water reused for Gardening purpose in the premises. The Company has Planted various types of 50 Nos of tress for the financial year & maintained Good Housekeeping and taken adequate measures for Control of Pollution from time to time

Name & Designation

Mr.Anil Suryawanshi (Director)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000061773

Submitted On:

30-09-2023