Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000084756	22-09-2025

PART A

Company Information

Company Name	***Application UAN number***	
M/s. Shakti Lifescience Pvt Ltd.	0000134843	
Address		
M.I.D.C. TARPAUR		
Plot no	***Taluka***	***Village***
PLOT NO. : K-2	Palghar	Boisar
Capital Investment (In lakhs)	***Scale***	***City***
1531	Medium	Boisar
Pincode	***Person Name***	***Designation***
401501	MR MILIND DAHYABAHI PATEL	DIRECTOR
Telephone Number	***Fax Number***	***Email***
9833358758	00	milind@shaktilifescience.com
Region	***Industry Category***	***Industry Type***
SRO-Tarapur I	Red	R58 Pharmaceuticals
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format1.0/AS(T)/UAN No.0000134843/CR/2208000462	2022-08-10
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2026-07-31	2016	Sep 30 2024 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Oleic Acid	0.600	0	MT/A
Coconut Fatty Acid	360	0	MT/A
Soya Been fatty acid	120	0	MT/A
Dimer Fatty acid	120	0	MT/A
Kardai Di-Methyl Amine	600	0	MT/A
Dydrogesterone, Methyl Testosterone	0.60	0.0498	MT/A
Testosterone its derviatives	5.40	1.178	MT/A

Nandrolone its derviatives	0.06	0.041	MT/A
Tibolone	0.06	0.002	MT/A
Norethisterone , Progesterone	0.60	0.034	MT/A
Estradiol its derviatives	0.3	0.21	MT/A
Levonorgestrel, Nandrolone Decanoate	0.005	0.0	MT/A
Ethylene Estradiol	0.06	0.032	MT/A
Dinosterol , Dutasteride	0.12	0.022	MT/A
Fluticasone Propionate	0.18	0.0003	MT/A
Budesonide, Beclomethasone Dipropionate	0.12	0.08	MT/A
Mometasone furoate, Flunisolide	0.3	0.008	MT/A
Finasteride , Triamcinolone	0.025	0	MT/A
Prednisolone sodium phosphate	1.20	0.992	MT/A
Prednisolone acetate	0.3	0.029	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	000	000	Kg/Annum

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	6.00	2.50
Cooling	15.00	2.62
Domestic	5.00	2.07
All others	0.00	0.00
Total	26.00	7.19

2) Effluent Generation in CMD / MLD

Particulars	***Consent Quantity***	***Actual Quantity***	***UOM***
Trade Effluent	5	1.25	CMD
Domestic Effluent	4	0.75	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***
As per Product List	1955	2627	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***
Acetylene Gas	0	0.005	MT/A
1,4 Dioxane	3.7393	2.82	MT/A
3-Cyclopentyl Propionyl Chloride	0	0.026	MT/A

3-Phenyl Propionyl Chloride	0.0727	0.0935	MT/A
4 Androstene 3,17 dion	1.0418	1.0744	MT/A
Acetic Anhydride	0	0.0025	MT/A
Acetone	0	0.768	MT/A
Activated Carbon	0	0.169	MT/A
Ammonium Chloride LR Grade	0	0.002	MT/A
Caustic Soda Flakes	0	0.08	MT/A
Dimethyl Formamide (DMF)	0	0.128	MT/A
Ethyl Acetate	0	0.265	MT/A
Heptanoic Anhydride	0.0825	0.0731	MT/A
Hydrochloride Acid	0	0.363	MT/A
Iso proplyl alcohal	0	0.532	MT/A
Methanol	13.85	18.75	MT/A
2-Furoyl Chloride	0.0304	0	MT/A
Acetic aicd	0.044109	0.072	MT/A
Butyraldehyde	0.0530	0.0467	MT/A
Hydrochloric Acid LR Grade	1.6847	1.214	MT/A
N-T-Butyl-4-Aza-5-Alpha-Androsta-3-One-17 Bata Carboxamide	0.0303	0.0549	MT/A
Potassium Tertiary Butoxide	0.2324	0.21	MT/A
Propionic Anhydride	0.0614	0.1725	MT/A
Pyridine	0	0.181	MT/A
Pyrophosphoryl Chloride	0.4784	0.32	MT/A
Sodium Bicarbonate	0.1607	0.252	MT/A
Sodium Hypochloride	0	0.142	MT/A
Sulphuric Acid	0.0635	0.321	MT/A
Tetrahydrofuran(THF)	5.2222	2.78	MT/A
Toluene	0.0157	0.845	MT/A
Tri Ethyl Ortho Formate	0.0445	0.0124	MT/A

4) Fuel Consumption

Fuel Name	***Consent quantity***	***Actual Quantity***	***UOM***
LDO	14976	1125	Ltr/A
HSD	14976	8000	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***
pH	0	7.24	NA	6.0 to 8.5	Within MPCB limit

BOD	0	52	16	100 mg/lit	Within MPCB limit
COD	0	236	28	250 mg/lit	Within MPCB limit
TSS	0	52	12	100 mg/lit	Within MPCB limit
Oil and Grease	0	5	NA	10 mg/lit	Within MPCB limit
Phosphate	0	0.1	NA	5 mg/lit	Within MPCB limit
Sulphides	0	0.2	NA	2 mg/lit	Within MPCB limit
Phenolic Compound	0	0.08	NA	1 mg/lit	Within MPCB limit
Copper	0	0.025	NA	3 mg/lit	Within MPCB limit
Hexavalent Chromium	0	0.05	NA	0.1 mg/lit	Within MPCB limit
Cyanide	0	0.05	NA	0.1mg/lit	Within MPCB limit
Mercury	0	0.006	NA	0.01 mg/lit	Within MPCB limit
Lead	0	0.005	NA	0.1 mg/lit	Within MPCB limit
TDS	0	870	NA	2100 mg/lit	Within MPCB limit

[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-DG SET	0.062	21.54	NA	50 mg/Nm3	In MPCB Limit
SO2 DG SET	0.045	15.63	NA	9.6 Kg/Day	In MPCB Limit
NOX DG SET	0	0	BDL	NA	IN MPCB Limit
TPM Boiler	0.3	25.32	NA	50 mg/Nm3	IN MPCB Limit
SO2 Boiler	0.456	38.20	NA	17.28 Kg/Day	IN MPCB Limit
NOx Boiler	0	3.18	NA	NA	IN MPCB Limit
PM SCRUBBER	0.036	4.92	NA	50 mg/Nm3	IN MPCB Limit
Acid Mist	0.047	6.4	15.70	35 mg/Nm3	IN MPCB Limit

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
28.3 Spent carbon	0.328	0.248	MT/A
37.3 Concentration or evaporation residues	0.49	0.39	MT/A
28.6 Spent organic solvents	0	0.01	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0	108	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	0.364	0.22	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	MT/A

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
28.3 Spent carbon	0.248	MT/A	100% Disposed via Incineration
37.3 Concentration or evaporation residues	0.39	MT/A	100% Disposed via Landfill
35.3 Chemical sludge from waste water treatment	0.22	MT/A	100% Disposed via Landfill after treatment
28.6 Spent organic solvents	0.01	MT/A	100% Recycled
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	108	Nos./Y	100% Recycled

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	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)
ETP	1.5	0	0	0	80	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)
NA	NA	0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Company has decided to adopt ZLD Scheme.

Name & Designation

MR MILIND PATEL

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000084756

Submitted On:

22-09-2025