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-0000085808	25-09-2025

PART A

Company Information

Company Name	***Application UAN number***
Lupin Limited, Tarapur	MPCB-CONSENT-0000209928

Address

Survey No. 30/10 to 30/13 & 64/7, Plot No. T-142, MIDC Tarapur, Tal & Dist- Palghar -401 506 Tel. No. 02525-243300

Plot no	***Taluka***	***Village***
Survey No- 30/10 to 30/13 &64/7	Palghar	MIDC Tarapur
Capital Investment (In lakhs)	***Scale***	***City***
116018.20	L.S.I	Palghar
Pincode	***Person Name***	***Designation***
401506	Mr. Akash Patel	Site Head, Tarapur
Telephone Number	***Fax Number***	***Email***
9898035317		akashspatel@lupin.com
Region	***Industry Category***	***Industry Type***
SRO-Tarapur I	Red	R58 Pharmaceuticals
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	MPCB-CONSENT-0000209928	2025-01-20
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2029-04-30	1993	Sep 19 2024 12:00:00:000AM

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

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
API	1522.43	973.66	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	876.20	415.25
Cooling	1100.00	344.60
Domestic	120.00	42.37
All others	150.00	27.19
Total	2246.20	829.41

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	1008.1	580.73	CMD
Domestic Effluent	95	52.77	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
Basic Drugs	155.91	155.67	Ton/Ton

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
Major Raw Material list is uploaded	6.09	11.74	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Natural Gas	4274	345.80	SCM/Hr
HSD	6852	111.09	MT/A
Briquettes	22836	22760	MT/A
LSHS.	11405.52	286.55	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
NA as combine effluent is treated in ETP followed by ZLD plant. Recovered water is recycled and reused in Utilities.	0	0	0 0	-	The unit is 100% ZLD unit.

[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
Boiler NG/LSHS - TPM (10 TPH)	11.26	35.79	-	50 Mg/Nm3	-

Boiler NG/LSHS -NOx (10 TPH)	6.22	23.17	-	50 Mg/Nm3	-
Boiler NG/LSHS -SO2 (10 TPH)	5.86	67.21	-	429.6 kg/day	-
Boiler NG/LSHS - TPM (12 TPH)	0.98	36.07	-	50 Mg/Nm3	-
Boiler NG/LSHS - NOx (12 TPH)	0.00	0.00	-	50 Mg/Nm3	-
Boiler NG/LSHS -SO2 (12 TPH)	10.41	119.17	-	429.6 kg/day	-
Boiler NG/LSHS - TPM (10 TPH)	0.00	34.26	-	50 Mg/Nm3	-
Boiler NG/LSHS -NOx (10 TPH)	0.00	1.52	-	50 Mg/Nm3	-
Boiler NG/LSHS - SO2 (10 TPH)	0.00	0.00	-	195.36 kg/day	-
Boiler Briquette -TPM (8 TPH)	40.36	37.06	-	50 Mg/Nm3	-
Boiler Briquette -TPM (8 TPH)	39.61	37.06	-	50 Mg/Nm3	-
DG Set No-1 - TPM (2.5 MW)	0.04	36.03	-	50 Mg/Nm3	-
DG Set No-1 - SO2 (2.5 MW)	2.57	16.78	-	105 Kg/Day	-
DG Set No-2 - TPM (2.5 MW)	0.02	37.88	-	50 Mg/Nm3	-
DG Set No-2 - SO2 (2.5 MW)	2.88	19.01	-	105 Kg/Day	-
DG Set No-11 - TPM (1.2 MW)	0.00	37.42	-	50 Mg/Nm3	-
DG Set No-11 - SO2 (1.2 MW)	0.18	17.47	-	105 Kg/Day	-
DG Set No-12 - TPM (1.2 MW)	0.01	37.79	-	50 Mg/Nm3	-
DG Set No-12 - SO2 (1.2 MW)	0.18	17.43	-	105 Kg/Day	-
DG Set No-13 - TPM (1.2 MW)	0.00	39.59	-	50 Mg/Nm3	-
DG Set No-13 - SO2 (1.2 MW)	0.14	12.68	-	105 Kg/Day	-
DG Set No-14 - TPM (1.2 MW)	0.00	38.96	-	50 Mg/Nm3	-
DG Set No-14 - SO2 (1.2 MW)	0.16	14.62	-	105 Kg/Day	-
DG Set No-15 - TPM (1.2 MW)	0.01	37.21	-	50 Mg/Nm3	-
DG Set No-15 - SO2 (1.2 MW)	0.18	16.94	-	105 Kg/Day	-
DG Set No-16 - TPM (1.2 MW)	0.00	40.45	-	50 Mg/Nm3	-
DG Set No-16 - SO2 (1.2 MW)	0.16	15.30	-	105 Kg/Day	-
PG Set No-3 - TPM (1.2 MW)	0.10	38.58	-	50 Mg/Nm3	-
PG Set No-3 - SO2 (1.2 MW)	7.21	11.99	-	276 Kg/Day	-
PG Set No-4 - TPM (1.2 MW)	0.26	39.54	-	50 Mg/Nm3	-
PG Set No-4 - SO2 (1.2 MW)	7.14	12.48	-	276 Kg/Day	-
SB No- 1503 SO2 Conc	0	5.67	-	50 PPM	-
SB No- 1503 HCl	0	15.14	-	35 Mg/Nm3	-
SB No- 1503 Ammonia	0	1.04	-	50 Mg/Nm3	-
SB No- 1503 Acid Mist	0	6.38	-	35 Mg/Nm3	-
SB No- 01 SO2 Conc	0	3.12	-	50 PPM	-
SB No- 01 HCl	0	1.39	-	35 Mg/Nm3	-
SB No- 01 Ammonia	0	1.60	-	50 Mg/Nm3	-
SB No- 01 Acid Mist	0	2.62	-	35 Mg/Nm3	-
SB No- 02 SO2 Conc	0	2.80	-	50 PPM	-
SB No- 02 HCl	0	4.70	-	35 Mg/Nm3	V
SB No- 02 Ammonia	0	1.70	-	50 Mg/Nm3	-

SB No- 02 Acid Mist	0	1.85	-	35 Mg/Nm3	-
SB 5101 SO2 Conc	0	3.21	-	50 PPM	-
SB 5101 HCl	0	4.71	-	35 Mg/Nm3	-
SB 5101 Ammonia	0	1.55	-	50 Mg/Nm3	-
SB 5101 Acid Mist	0	1.74	-	35 Mg/Nm3	-
SB 6101 SO2 Conc	0	3.18	-	50 PPM	-
SB 6101 HCl	0	8.00	-	35 Mg/Nm3	-
SB 6101 Ammonia	0	0.58	-	50 Mg/Nm3	-
SB 6101 Acid Mist	0	1.82	-	35 Mg/Nm3	-
SB 7101 SO2 Conc	0	4.57	-	50 PPM	-
SB 7101 HCl	0	6.33	-	35 Mg/Nm3	-
SB 7101 Ammonia	0	1.93	-	50 Mg/Nm3	-
SB 7101 Acid Mist	0	5.74	-	35 Mg/Nm3	-
SB 8102 SO2 Conc	0	5.42	-	50 PPM	-
SB 8102 HCl	0	5.93	-	35 Mg/Nm3	-
SB 8102 Ammonia	0	1.05	-	50 Mg/Nm3	-
SB 8102 Acid Mist	0	5.51	-	35 Mg/Nm3	-
SB 9101 SO2 Conc	0	4.55	-	50 PPM	-
SB 9101 HCl	0	4.86	-	35 Mg/Nm3	-
SB 9101 Ammonia	0	2.50	-	50 Mg/Nm3	-
SB 9101 Acid Mist	0	13.82	-	35 Mg/Nm3	-
SB 9201 SO2 Conc	0	5.16	-	50 PPM	-
SB 9201 HCl	0	12.60	-	35 Mg/Nm3	-
SB 9201 Ammonia	0	1.85	-	50 Mg/Nm3	-
SB 9201 Acid Mist	0	3.00	-	35 Mg/Nm3	-
SB 9501 SO2 Conc	0	2.52	-	50 PPM	-
SB 9501 HCl	0	6.72	-	35 Mg/Nm3	-
SB 9501 Ammonia	0	1.51	-	50 Mg/Nm3	-
SB 9501 Acid Mist	0	2.15	-	35 Mg/Nm3	-
SB 9601 SO2 Conc	0	2.75	-	50 PPM	-
SB 9601 HCl	0	7.52	-	35 Mg/Nm3	-
SB 9601 Ammonia	0	1.58	-	50 Mg/Nm3	-
SB 9601Acid Mist	0	5.75	-	35 Mg/Nm3	-
SB 9801 SO2 Conc	0	3.03	-	50 PPM	-
SB 9801 HCl	0	11.18	-	35 Mg/Nm3	-
SB 9801 Ammonia	0	1.92	-	50 Mg/Nm3	-
SB 9801 Acid Mist	0	3.65	-	35 Mg/Nm3	-
SB 9701 SO2 Conc	0	13.29	-	50 PPM	-
SB 9701 HCl	0	22.23	-	35 Mg/Nm3	-
SB 9701 Ammonia	0	0.90	-	50 Mg/Nm3	-
SB 9701 Acid Mist	0	4.24	-	35 Mg/Nm3	-

SB-8501 SO2 Conc	0	3.45	-	50 PPM	-
SB-8501 HCl	0	11.13	-	35 Mg/Nm3	-
SB-8501 Ammonia	0	1.99	-	50 Mg/Nm3	-
SB-8501 Acid Mist	0	3.87	-	35 Mg/Nm3	-
SB-9301 SO2 Conc	0	2.79	-	50 PPM	-
SB-9301 HCl	0	9.91	-	35 Mg/Nm3	-
SB-9301 Ammonia	0	1.70	-	50 Mg/Nm3	-
SB-9301 Acid Mist	0	2.04	-	35 Mg/Nm3	-
SB-03 SO2 Conc	0	4.05	-	50 PPM	-
SB-03 HCl	0	10.22	-	35 Mg/Nm3	-
SB-03 Ammonia	0	1.84	-	50 Mg/Nm3	-
SB-03 Acid Mist	0	5.04	-	35 Mg/Nm3	-
SB 7101 SO2 Conc	0	4.15	-	50 PPM	-
SB 7101 HCl	0	3.66	-	35 Mg/Nm3	-
SB 7101 Ammonia	0	0.13	-	50 Mg/Nm3	-
SB 7101 Acid Mist	0	6.50	-	35 Mg/Nm3	-
Tank Farm -1 SO2 Conc	0	3.38	-	50 PPM	-
Tank Farm -1 HCl	0	8.56	-	35 Mg/Nm3	-
Tank Farm -1 Ammonia	0	1.65	-	50 Mg/Nm3	-
Tank Farm -1 Acid Mist	0	9.95	-	35 Mg/Nm3	-
Tank Farm -2 SO2 Conc	0	13.82	-	50 PPM	-
Tank Farm -2 HCl	0	19.64	-	35 Mg/Nm3	-
Tank Farm -2 Ammonia	0	3.61	-	50 Mg/Nm3	-
Tank Farm -2 Acid Mist	0	13.16	-	35 Mg/Nm3	-
Tank Farm -3 SO2 Conc	0	8.35	-	50 PPM	-
Tank Farm -3 HCl	0	8.48	-	35 Mg/Nm3	-
Tank Farm -3 Ammonia	0	4.65	-	50 Mg/Nm3	-
Tank Farm -3 Acid Mist	0	10.20	-	35 Mg/Nm3	-
SB-8401 SO2 Conc	0	2.92	-	50 PPM	-
SB-8401 HCl	0	13.99	-	35 Mg/Nm3	-
SB-8401 Ammonia	0	0.91	-	50 Mg/Nm3	-
SB-8401 Acid Mist	0	2.52	-	35 Mg/Nm3	-

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
5.1 Used or spent oil	6.01	7.22	MT/A
28.1 Process Residue and wastes	1636.29	1449.15	MT/A
28.2 Spent catalyst	0.00	1.82	MT/A
28.3 Spent carbon	114.79	126.09	MT/A

28.4 Off specification products	26.17	47.00	MT/A
28.5 Date-expired products	4.10	26.12	MT/A
28.6 Spent organic solvents	3666.28	4842.14	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	532.68	237.58	MT/A
Other Hazardous Waste	0.00	279.08	MT/A
36.1 Any process or distillation residue	776.77	860.08	MT/A
28.1 Process Residue and wastes	31.73	35.65	MT/A
28.1 Process Residue and wastes	12.37	0	MT/A
28.1 Process Residue and wastes	75.69	48.60	MT/A
28.1 Process Residue and wastes	22.15	22.36	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
37.3 Concentration or evaporation residues	2258.56	2272.37	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
5.1 Used or spent oil	7.22	MT/A	Used Oil
28.1 Process Residue and wastes	1449.15	MT/A	Mixture of Organic & inorganic Solvents
28.2 Spent catalyst	1.82	MT/A	Mixture of Organic & inorganic Solvents
28.3 Spent carbon	126.09	MT/A	Mixture of Organic & inorganic Solvents
28.4 Off specification products	47.00	MT/A	Mixture of Organic & inorganic Solvents
28.5 Date Expired Product	26.12	MT/A	Mixture of Organic & inorganic Solvents
28.6 Spent solvents	4842.14	MT/A	Mixture of Organic & inorganic Solvents

33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	128.87	MT/A	PVC/ HDPE to authorized Recycler
Other Hazardous Waste	279.08	MT/A	PVC/ HDPE to authorized Recycler
37.3 Concentration or evaporation residues	2272.37	MT/A	Inorngaic salt.
Process waste-R R mandelate salt	48.60	MT/A	Mixture of Organic & inorganic Solvents
Process waste-Immidazole Hydrochloride	22.36	MT/A	Mixture of Organic & inorganic Solvents
Process waste-Piprazine di acetate	35.65	MT/A	Mixture of Organic & inorganic Solvents

2) Solid Waste

Type of Solid Waste Generated	***Qty of Solid Waste***	***UOM***	***Concentration of Solid Waste***
Mycellia waste + ETP Sludge	4097.36	MT/A	Composting and to sale Authorized Party
Agrowaste Boiler Ash	3349.90	MT/A	Used as Manure and sale to brick manufactures.
Canteen Waste	90.32	MT/A	In house Composting /Piggeries.
Metalic Scrap (MS, SS, Aluminium etc)	611.38	MT/A	Sale to authorized Party
Metalic Scrap- Old Machinery in Nos	210.97	MT/A	Sale to authorized Party
Glass Scrap - Crussed Glass	26.10	MT/A	Sale to authorized Party
Cables	8.57	MT/A	Sale to authorized Party
Paper Waste & wood scrap	120.55	MT/A	Sale to authorized Party
Plastic Waste	112.15	MT/A	Sale to authorized Party

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)***
Total Expenditure incurred in pollution control measures (Recurring Cost).	0	0	0	0	2882	0
Wind Energy used KWH	0	0	0	7767798	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)***
Purchase and installation of ETP equipment's- Aspirators 3 nos., FRP structure for clarifier, Air blowers and pumps, lab instrument & PIIAN system, etc.	Improvement of effluent system	96

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
Replacement of high-pressure warner / CAT pumps and motor for RO Plant, KUH KAI Aerator with blower & assembly, Screw press, replacement of ATFD.	Improvement of effluent system	281

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The company has done extensive tree plantation in factory premises.the company is constantly monitoring the ambient air, noise level in & around the plant and ensures the norms are maintained. Training on environmental awareness and industrial safety is being regularly organized for company employees. The company has implemented energy conservation program vide training, lecture for employees. 245 numbers of trees planted at the end of March-25 & 5476 No. of trees surviving as on 31 st March 202

Name & Designation

Akash S Patel Sr. GM – MFG Site Head

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000085808

Submitted On:

25-09-2025