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-0000080907	26-07-2025

PART A

Company Information

Company Name	***Application UAN number***
M/s. Aarti Drugs Ltd.	MPCB-CONSENT-0000153701

Address

Plot No. G-60, MIDC Tarapur, Tal. & Dist. Palghar - 401506

Plot no	***Taluka***	***Village***
Plot No. G-60	Palghar	Tarapur
Capital Investment (In lakhs)	***Scale***	***City***
1565	LSI	Boisar
Pincode	***Person Name***	***Designation***
401506	Mr. Y. D. Pawar	Unit Head
Telephone Number	***Fax Number***	***Email***
9960595174	0	g60safety@aartidrugs.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.0000153701/CR/2303001524	2023-03-21
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2028-01-31	1994	Sep 24 2024 12:00:00:000AM

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

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Ciprofloxacin HCL	1200	1100.438	MT/A
Clopidogrel Bisulphate	360	198.8	MT/A
Q-ACID	4800	1480.45	MT/A
Diclofenac Sodium	1500	1384.9	MT/A
Metformin HCL	1500	0	MT/A
Telmisartan	120	0	MT/A
Pioglitazone HCL	60	0	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	180.00	84.83
Cooling	558.00	145.86
Domestic	12.00	6.14
All others	3.00	2.64
Total	753.00	239.47

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	222.1	35.37	CMD
Domestic Effluent	10	9.1	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
Q ACID, Ciprofloxacin HCL, Diclofenac Soduim & PIOGLITAZONE HCL	7.04	7.33	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
Piperazine Anhydrous (Ciprofloxacin HCL)	0.415	0.406	Ton/Ton
Fluoroquinoloric Acid (Ciprofloxacin HCL)	1.15	1.109	Ton/Ton
N-Butanol (Ciprofloxacin HCL)	0.033	0.038	Ton/Ton
Sodium Hydro Sulphite (Ciprofloxacin HCL)	0.005	0.005	Ton/Ton
Caustic Soda Flakes (Ciprofloxacin HCL)	0.348	0.324	Ton/Ton
Caustic Soda Lye (Ciprofloxacin HCL)	1.012	0.925	Ton/Ton
Methanol (Ciprofloxacin HCL)	0.333	0.357	Ton/Ton
EDTA Di Sodium (Ciprofloxacin HCL)	0.005	0.005	Ton/Ton
Hydrochloric Acid (Ciprofloxacin HCL)	0.734	0.655	Ton/Ton
Acetic Acid (Ciprofloxacin HCL)	0.378	0.359	Ton/Ton
ACTIVATED CARBON (Ciprofloxacin HCL)	0.039	0.037	Ton/Ton
Hydrochloric Acid (LR) (Ciprofloxacin HCL)	0.626	0.578	Ton/Ton
Hyflow Supercell (Ciprofloxacin HCL)	0.042	0.038	Ton/Ton
2,6 Dichloro Phenol (Diclofenac Sodium)	0.663	0.642	Ton/Ton
Aniline (Diclofenac Sodium)	0.383	0.371	Ton/Ton
EDTA Di Sodium (Diclofenac Sodium)	0.004	0.004	Ton/Ton

ISO Propyl Amine (Diclofenac Sodium)	0.034	0.026	Ton/Ton
VTDL IV SATGE (Diclofenac Sodium)	0.953	0.965	Ton/Ton
Caustic Potash Flakes (Diclofenac Sodium)	0.095	0.097	Ton/Ton
Di Ethyl Amine (Diclofenac Sodium)	0.014	0.018	Ton/Ton
Toluene (Diclofenac Sodium)	0.181	0.200	Ton/Ton
Sodium Hydro Sulphite (Diclofenac Sodium)	0.026	0.027	Ton/Ton
ACTIVATED CARBON (Diclofenac Sodium)	0.039	0.040	Ton/Ton
Hydrochloric Acid (LR) (Diclofenac Sodium)	0.092	0.108	Ton/Ton
Caustic Soda Flakes (Diclofenac Sodium)	0.394	0.401	Ton/Ton
Chloro Acetyl Chloride (Diclofenac Sodium)	0.448	0.433	Ton/Ton
Sodium Methoxide (Diclofenac Sodium)	0.807	0.737	Ton/Ton
Hydrochloric Acid (Diclofenac Sodium)	0.089	0.089	Ton/Ton
Caustic Soda Lye (Diclofenac Sodium)	0.126	0.145	Ton/Ton
Potassium Carbonate (Diclofenac Sodium)	0.040	0.040	Ton/Ton
Methyl Mono Chloro Acetate (Diclofenac Sodium)	0.488	0.472	Ton/Ton
CLOPI STAGE III (Clopidogrel Bisulphate)	0.915	0.976	Ton/Ton
ACETONE (Clopidogrel Bisulphate)	3.679	3.827	Ton/Ton
FORMALDEHYDE (Clopidogrel Bisulphate)	4.336	4.707	Ton/Ton
METHYLENE DI CHLORIDE (Clopidogrel Bisulphate)	1.216	1.306	Ton/Ton
Sulphuric Acid (LR) (Clopidogrel Bisulphate)	0.324	0.352	Ton/Ton
HYFLOW SUPERCELL (Clopidogrel Bisulphate)	0.019	0.020	Ton/Ton
SODIUM SULPHATE ANHYDROUS (Clopidogrel Bisulphate)	0.008	0.008	Ton/Ton
METHANOL (Clopidogrel Bisulphate)	0.377	0.476	Ton/Ton
POTASSIUM CARBONATE (Clopidogrel Bisulphate)	0.118	0.130	Ton/Ton
ACTIVATED CARBON (Clopidogrel Bisulphate)	0.056	0.060	Ton/Ton
SODIUM BI CARBONATE (Clopidogrel Bisulphate)	0.247	0.272	Ton/Ton
Caustic Soda Flakes (Q- ACID)	0.649	0.609	Ton/Ton
Sulphuric Acid (Q- ACID)	0.597	0.554	Ton/Ton
Toluene (Q- ACID)	0.075	0.058	Ton/Ton
Methyl 3 Cyclopropylamino Acrylate (Q- ACID)	0.031	0.021	Ton/Ton
Ethyl 3 Cyclopropylamino Acrylate (Q- ACID)	2.216	2.102	Ton/Ton

4) Fuel Consumption

Fuel Name	***Consent quantity***	***Actual Quantity***	***UOM***
Briquette	10800	6767.56	MT/A
HSD	604.8	11.23	KL/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	7.14	NA	5.5-9.0	NA
COD	0	106.9	24.8	250 mg/l	NA
BOD	0	33	21.21	100 mg/l	NA
SS	0	42	0.9	100 mg/l	NA
OIL AND GREASE	0	0	NA	10 mg/l	NA
TDS	0	1140.3	5.93	2100 mg/l	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/TPM	0	41.15	18.73	50 Mg/Nm3	NA
S02	0	17.8	67.68	50 Mg/Nm3	--

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	135.435	128.95	MT/A
28.1 Process Residue and wastes	1258.66	1193.008	MT/A
28.3 Spent carbon	544.06	487.843	MT/A
28.6 Spent organic solvents	1398.841	1648.4	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1706	1692	Nos./Y
4.4 Organic residue from processes	1452.998	2046.802	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	32.06	10.777	MT/A
37.3 Concentration or evaporation residues	0.2	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*
20.3 Distillation residues	62.85	MT/A	Go Green Eco Tech Solutions Private Limited
20.3 Distillation residues	23.45	MT/A	Mumbai waste management LTD.
20.3 Distillation residues	42.65	MT/A	Synergy Tencho
28.1 Process Residue and wastes	116	MT/A	M/s. Dalmia Cement Bharat Limited.
28.1 Process Residue and wastes	1077.008	MT/A	M/s. Mumbai Waste Management Ltd.
28.3 Spent carbon	92.573	MT/A	Go Green Eco Tech Solutions Private Limited
28.3 Spent carbon	27.23	MT/A	M/s. J.K. Cement Works
28.3 Spent carbon	368.04	MT/A	M/s. J.K. White Cement Works
28.6 Spent organic solvents	9.42	MT/A	Hepta Chemical
28.6 Spent organic solvents	585.47	MT/A	Maakrupa Distributors
28.6 Spent organic solvents	184.43	MT/A	Maha Recyclochem Industries
28.6 Spent organic solvents	128.12	MT/A	Orient Finechem
28.6 Spent organic solvents	178.99	MT/A	Siddhivinayak Chemical
28.6 Spent organic solvents	0.17	MT/A	Suancy Polymers
28.6 Spent organic solvents	84.5	MT/A	Sumitto Industries
28.6 Spent organic solvents	9.26	MT/A	Sunshine Chemical
28.6 Spent organic solvents	468.04	MT/A	Turmalin Chemical
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1692	Nos./Y	M/S. A1 Scrap Merchant
4.4 Organic residue from processes	95.967	MT/A	Go Green Eco Tech Solutions Private Limited
4.4 Organic residue from processes	1950.835	MT/A	M/s. Mumbai Waste Management Ltd.
35.3 Chemical sludge from waste water treatment	10.777	MT/A	M/s. Mumbai Waste Management Ltd.
37.3 Concentration or evaporation residues	0.22	MT/A	Synergy Tencho

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)*

E.T.P. Operation cost, Cost of Consumables, Cost of Analysis of Effluent Sample, Electrical Energy, Environment audit Statement, Water Supply, House Keeping	0	0	0	0	120	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)***
At present, the existing environmental protection system are considered to be adequate. For treatment of waste water company has provided the Effluent Treatment Plant	Installation of NRV, Autosampler and SCADA System, installation of OCEMS for Boiler stack	20

[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

Environment and safety aspects is of prime importance and is incorporated at the Design and energy aspects of operations. Green drive is the major contribution to create the environment clean & healthy. Due to this environment balance is achieved. The house keeping is done regularly . For good house keeping “A place for everything and everything in its place” is a good basic rule.

Name & Designation

Mr. Y. D. Pawar

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000080907

Submitted On:

26-07-2025