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-0000081986	26-08-2025

PART A

Company Information

Company Name	***Application UAN number***
M/s. Harman Finochem Limited	0000147352/CR/2309002293

Address

A-100, A-100/1, A-100/2, A-120, A-120 part, D-1, D-37, MIDC Industrial Area, Shendra, Chhatrapati Sambhajinagar

Plot no	***Taluka***	***Village***
A-100, A-100/1, A-100/2, A-120, A-120 part, D-1, D-37	Chhatrapati Smbhajinagar	Shendra
Capital Investment (In lakhs)	***Scale***	***City***
Rs.412.11 Crs.	LSI	Chhatrapati Sambhajinagar
Pincode	***Person Name***	***Designation***
431154	Mr. Sanjay Singh	Sr. Manager-EHS
Telephone Number	***Fax Number***	***Email***
02406605557	02402622002	sanjays@harmanfinochem.com
Region	***Industry Category***	***Industry Type***
SRO-Chhatrapati Sambhajinagar I	Red	R58 Pharmaceuticals
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format1.0/CAC/UAN No.0000147352/CR/2309002293	2023-09-28
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2026-04-30	2006	Jun 28 2024 12:00:00:000AM

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

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Allopurinol	1260	652.8	MT/A
Carisoprodol	600	5.1	MT/A
Divalproex Sodium	600	162.4	MT/A
Fenofibrate	360	142.1	MT/A
Meprobamate	120	20.1	MT/A
Metformin Hydrochloride	14818.68	1193.4	MT/A

Phenobarbitone	528	38.9	MT/A
Phenytoin Sodium	240	6.2	MT/A
Sodium Valproate	180	5.8	MT/A
Valproic Acid	300	8.9	MT/A
Phenobarbital Sodium/ Phenobarbitone Sodium	60	1.8	MT/A
Phenytoin	60	6.1	MT/A
Valsartan	60	0.001	MT/A
Sacubitril Valsartan	24	1.5	MT/A
Bupivacaine Hydrochloride Monohydrate	0.6	0.0009	MT/A
Succinylcholine Chloride	2.4	0.2	MT/A
Isoproterenol Hydrochloride	0.36	0.000618	MT/A
Methylcobalamin	9.6	0.000005	MT/A
Calcium Gluconate	12	1.9	MT/A
Dapagliflozin	1.2	0.0034	MT/A
Calcium Saccharate	6	0.001	MT/A
Norephinephrine	1.2	0.0874050	MT/A
Vildagliptin	360	35.7	MT/A
Benztropine Mesylate	1.2	0.1	MT/A
Ritanilic Acid	48	0.4	MT/A
Epinephrine Bitartrate	12	0.00032	MT/A
Sacubitril Calcium	120	84.7	MT/A
Nicotine Polacrilex	72	50.2	MT/A
Nicotine	1152	6.7	MT/A
Tablets	64000	8746.1	Lac Nos./Annum

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	368.00	132.50
Cooling	1629.00	385.30
Domestic	84.00	22.80
All others	283.00	86.70
Total	2364.00	627.30

2) Effluent Generation in CMD / MLD

Particulars	***Consent Quantity***	***Actual Quantity***	***UOM***
Trade Effluent	850	229.37	CMD
Domestic Effluent	72	21.94	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
Average of all Product	86	94.49	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
Acetone	0	0.05	Ton/Ton
Sodium Hydroxide flakes	0	0.010	Ton/Ton
Acetic acid	0.50	0.5	Ton/Ton
Nitric Acid	1.45	1.6	Ton/Ton
Sulphuric Acid	0.47	0.48	Ton/Ton
Hydrochloric Acid	1.30	1.28	Ton/Ton
Methenol	0	0.05	Ton/Ton
Acetonitril	0	0.02	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	37711800	123214	Ltr/A
LSHS	2776920	80601.5	Kg/Annum
Coal indonesian fuel	47128.8	28835.74	MT/A
Briquette	19272	0	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
pH	0.51	7.25	0	6.5 to 8.5	NA
Suspended Solid	1.49	21.25	0	100 mg/L	NA
BOD	1.77	25.25	0	30 mg/L	NA
COD	5.07	72.5	0	250 mg/L	NA
Total Dissolved Solid	8.49	121.5	0	2100 mg/L	NA
Sulphate	4.28	61.25	0	1000 mg/L	NA
Chloride	0.56	8.0	0	600 mg/L	NA
Oil & Grease	0.07	0.07	0	10 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
Particulate Matter PM10	0.05	50.25	0	100 Microgram/m3	NA
Particulate Matter PM2.5	0.03	29.25	0	60 Microgram/m3	NA
Sulphur Dioxide	0.03	33.88	0	80 Microgram/m3	NA
NO2	0.04	38.03	0	80 Microgram/m3	NA
Ammonia	7.67	7.00	0	50 ppm	NA
Acid Mist	11.12	10.14	0	35 ppm	NA

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	2.1	3.2712	MT/A
20.2 Spent solvents	212.126	132.4905	MT/A
20.3 Distillation residues	43.59	39.12	MT/A
28.3 Spent carbon	59.56	50.93	MT/A
28.4 Off specification products	45.95	1.56	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	2830.09	1767.26	MT/A
35.3 Chemical sludge from waste water treatment	6.26	7.6	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Wooden Scrap	2	2.42	MT/A
Glass Scrap	1.5	2.48	MT/A
Corrugated Boxes	18	14.68	MT/A
Insulated material/glass wool	0.6	1	MT/A
Non surgical cotton	0	6.1	MT/A
HDPE Polythin Bags	0	1.48	MT/A
Fins and Flap	0	1.5	MT/A
Discarded containers, barrels, liners	7040	7221	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Biological sludge from ETP Bioreactor	12.8	14.6	MT/A
Boiler Ash (Coal)	1113	1153.42	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.2 Spent solvents	8723720	8898274	Ltr/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	3.2712	MT/A	Used oil removed from machine gear boxes and disposal to authorized recycler.
20.2 Spent solvents	132.4905	MT/A	8898.274 MT re-refined at in house solvent recovery plant and recovered solvent reused in same stage of generation in production plant & 132.4905 MT solvent disposed to authorized recycler.
20.3 Distillation residues	39.12	MT/A	Distillation residue having high GCV(Gross Calorific Value) and low ash content waste, disposed at MEPL CHWTSDF by incineration pathway.
28.3 Spent carbon	50.93	MT/A	GCV more than 2500 cal/gm and carbon waste contain adsorption impurities of product mother liquor disposed to MEPL CHWTSDF by incineration pathway.
28.4 Off specification products	1.56	MT/A	GCV more than 2500 cal/gm and rejected product, to MEPL CHWTSDF by incineration pathway.
37.3 Concentration or evaporation residues	1767.26	MT/A	MEE ATFD evaporation salt having GCV less than 2500 cal/gm and inorganic in nature, disposed to MEPL CHWTSDF by LAT (Landfill After Treatment) pathway.
35.3 Chemical sludge from waste water treatment	7.6	MT/A	Chemical sludge from waste water treatment plant having GCV less than 2500 cal/gm and inorganic in nature, disposed to MEPL CHWTSDF by LAT (Landfill After Treatment) pathway.
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	7221	Nos./Y	Sale to authorized recycler.

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Biological sludge from ETP Bioreactor - A-100	14.6	MT/M	Biological sludge (Active Biomass) generated from ETP bioreactors
Boiler ash (Coal Fuel)	1153.4296	MT/M	Fly ash & Great Ash containing un-burnt parasitical is sold to brick manufacturer.

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)
"1) Reduction in fresh MIDC water usage by utilising of 27721.5 KL generated RO permeate for cooling tower make-up. 2) RO permeate used for ETP chemical dosing preparation, RO Rinsing, Decanter Clean	368.23	0	0	0	412.11	0

"Replace FO with LSHS:- LSHS (Low Sulphur Heavy Stock) Fuel is used in lieu of FO because of its higher pour point, higher calorific value & lower sulphur content as compared to FO. Also, Coal/briqu	0	0.26	0	0	0	0
Optimize doses of poly and alum by routine jar test and as per jar test we decide dosing of raw material which are used in ETP. Also, optimize caustic flakes or caustic lye consumption by regular moni	0	0	236.58	0	0	0
"Reduction in power consumption by operating of plant (RO) in non peak load period. We are saving power by utilizing LED lamps instead of normal conventional lamps. It increased lumens outputs, red	0	0	0	93801	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)***
Effluent Treatment Plant expansion work for smooth operation of plant.	Effluent Treatment Plant expansion work in progress. Errection work completed & comissioning work is in progress for smooth operation of plant & to overcome hydraulic load of ETP, effluent treatment e	400
Existing Multiple Effect Evaporator Plant maintenance work & New MEE plant errection and commissioning work.	"Existing Multiple Effect Evaporator Plant maintenance work carried out to overcome problems arrised durring running of plant. Surface condenser top & bottom dome replaced, First effect calendria repl	500
Reverse Osmosis plant expansion work for smooth operation.	Reverse Osmosis (RO) plant expansion work started for smooth operation of plant and to overcome hydraulic load of Reverse Osmosis plant.	300
Installation of rain water harvesting tank.	Installation of rain water harvesting tank-02 nos of 1100 KL for collection of surface runoff collected in underground tank & recycle to ETP for further treatment & reuse into cooling towers, boiler,	150
Green Belt Devlopment	Green belt development by plantation of @10000 more trees like Karanji, Neem and addition of black soil.	0.5
Use of E-Vehicle	Green belt development by plantation of 1000 nos of more trees 2023-2024.	1.5
Installation of on line flow meter with data logger	Installed On line flow meter with data logger at RO plant for monitoring of flow	0.5

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
Installation of press filter.	Installation of press filter for primary treatment of high TDS effluent.	1
Metering & Distribution of RO permeate to C.T.	Metering & Distribution line of RO permeate to all plants cooling towers, boiler to reduce consumption of fresh MIDC water.	2.0

"Miyawaky Tree Plantation to be done near ETP. "	Green belt development to be done in ETP plant premises and near plant-12, plant-13.	1
Environment Day celebration	Plantation & Awareness program	0.3
Requirement of RO module	RO plant module replacement for	30
Upgradation of ETP Laboratory.	"ETP Laboratory upgradation & ETP officer sitting arrangement. "	5

Part-I

Any other particulars for improving the quality of the environment.

Particulars

As in our consent water consumption under category 'any other and gardening' is allotted 283 m3/day, for 'process' 368m3/day , for 'boiler-cooling' - 1629 m3/day, & for 'domestic' 84 m3/day. Over all water consumption is quite less than consented quantity. Mass tree plantation done @10000 nos of tree planted to develope the green belt around periphery of premises and maintain alive. Training imparted to every employee for awareness and implementation of good EHS practices to keep safe and health

Name & Designation

Sanjay Singh, Sr. Manager EHS

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000081986

Submitted On:

26-08-2025