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-0000080721	22-07-2025

PART A

Company Information

Company Name	***Application UAN number***	
M/s. MACROTECH POLYCHEM PVT. LTD.	MPCB-CONSENT-0000149851	
Address		
PLOT NO. L-60/61, M.I.D.C., TARAPUR INDL AREA, BOISAR (W)		
Plot no	***Taluka***	***Village***
PLOT NO. L-60/61, M.I.D.C., TARAPUR INDL AREA	PALGHAR	TARAPUR
Capital Investment (In lakhs)	***Scale***	***City***
3345.37	LSI	BOISAR
Pincode	***Person Name***	***Designation***
401506	Mr Khamkar	PLANT HEAD
Telephone Number	***Fax Number***	***Email***
9158888256	0	khamkar@nglfinechem.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.MPCBCONSENT-0000149851/CR/2301001272	2023-01-13
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2025-12-31	2004	Jun 3 2024 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
METHYL BENZOTHIZINE ISOPROPYL ESTER	36	35	MT/A
3-PIPERAINYL 1-1,2- BENZYSOTHIZOLE HCL	30	27.3	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	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	10	8.25
Cooling	23	18.98
Domestic	2	1.65
All others	1	0.82
Total	36	29.70

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	4	4	CMD
DOMESTIC EFFLUENT	1	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
METHYL BENZOTHIZINE ISOPROPYL ESTER, 3-PIPERAINYL 1-1,2-BENZYSOTHIZOLE HCL	10.00	8.25	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
IPCA	0.03	3.000	Ltr/A
SODIUM CARBONATE	0.03	3.000	MT/A
IPA	0.02	2.500	Ltr/A
DMF	0.01	1.200	Ltr/A
NAOH	0.08	5.000	MT/A
MEOH	0.009	1.000	Ltr/A
TOLUENE	0.006	1.000	Ltr/A
IPA+HCL	0.009	1.000	Ltr/A
CARBON	0.003	0.25	MT/A
HAS	0.08	5.000	MT/A
PARA NITRO BENZENE	0.08	4.000	MT/A
H2O	0.02	1.500	Ltr/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
BRIQUETTE	600	274	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	7.46	NA	NA	NA
BOD	0.124	31	31	100 MG/L	NA
COD	0.385	96.4	38.56	250 MG/L	NA
SS	0.06	15	15	100 MG/L	NA
OIL & GREASE	0	0	BDL	10 MG/L	--

[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 (TPM)	0	62.50	NA	150 mg/Nm3	--
BOILER (SO2)	1.85	0	NA	6.6 KG/DAY	--
D.G.SET (TPM)	0	42.30	NA	150 mg/Nm3	--
SCRUBBER (TPM)	0	42	NA	150 mg/Nm3	--
SCRUBBER (NOX)	0	11.50	NA	--	--
SCRUBBER (ACID MIST)	0	5.40	NA	35 Mg/Nm3	--

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
37.3 Concentration or evaporation residues	330.18	428.41	MT/A
5.1 Used or spent oil	0	0.03	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	0.30	1.28	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
35.3 Chemical sludge from waste water treatment	1.28	MT/A	CHWTSDF
37.3 Concentration or evaporation residues	428.41	MT/A	CHWTSDF
5.1 Used or spent oil	0.03	MT/A	Recycler or Actual user M/s. SHIVA PETRO SYNTH SPECIALITIES LTD.

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
ETP SLUDGE	1.28	MT/A	CHWTSDF
EVAPORATION SALT	428.41	MT/A	CHWTSDF

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.	Modification of ETP and installation of SCADA System and NRV and auto sampler	100

[B] Investment Proposed for next Year

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

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Company has planted few number of trees around the factory, within company’s own land premises. The hazardous waste generated is being sent to CHWTSD Facility for disposal. Noise level survey, house keeping are done regularly. The Soak Pit & Septic Tank is provided for the treatment of Domestic effluent. 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 clea

Name & Designation

Mr Khamkar

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000080721

Submitted On:

22-07-2025