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**Bharat
RASAYAN LIMITED**

WORKS : UNIT-II: Plot No. 42/4, Amod Road, GIDC, Dahej, District-B
Gujarat-392130, Ph.: +91-2641-291123, +91-2642-241100

BRL-Dahej/ DIR/GPCB/2025-26/02

Date: 29/04/2025

GPCB ID: 33612

To,
Unit Head-Bharuch Region
Gujarat Pollution Control Board,
Paryavaran Bhavan,
Sector - 10 A,
Gandhinagar - 382010.

Subject: Submission of Environmental statement (Form-V) for the period April 2024 to March 2025

Respected Sir,

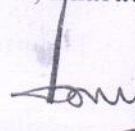
With Reference to the above mentioned subject, we are submitting herewith environmental statement (Form-V) for the period of April-2024 to March-2025.

We hope you will find it in order.

Thanking You.

Sincerely Yours,

For, Bharat Rasayan Ltd.



Authorized Signatory

Encl.: As Above.

CC To,
Regional Office,
Gujarat Pollution Control Board
Bharuch

21/05/25
15/25
Post Received
Gujarat Pollution Control Board
BHARUCH

RG480632234IN IVR:8271480632234
RL DAHEJ SO (392130)
Counter No: 2, 06/05/2025, 11:37
To: UNIT HEAD REG. GANDHINAGAR
PIN: 382010, Gandhinagar Gujarat HQ
From: JAHU MODI, DAHEJ
Wt: 90gms Ack Fee: 3.00, REG-17.0
Amt: 53.10, Tax: 8.10, Amt. Paid: 53.00 (Cash)
(Track on www.indiapost.gov.in)
(Dial 18002666868) (Wear mask - Stay safe)

CIN : L24119DL1989PLC036264

Regd. Off. : 1501, Vikram Tower, Rajendra Place, New
Ph. : +91-11-43661111 (30 lines) • Fax : +91-11-43661100, 41538600
E-mail : info@bharatgroup.co.in • Website : www.bharatgroup.co.in

FORM- V
(See Rule 14)

Environmental Statement for the financial year ending on 31st March, 2025

PART- A

(i)	Name and address of the owner/ occupier of the industry operation or process.	:	Mr. Ajay Gupta – Director operations 42/4, Dahej Industrial Estate, GIDC, Dahej, Dist: Bharuch
(ii)	Industry category Primary-(STC Code) Secondary-(STC Code).	:	Red category, Large Scale
(iii)	Production capacity	:	As per Annexure - 1
(iv)	Year of establishment	:	2011
(v)	Date of the last environmental statement submitted	:	28 th May 2024

PART- B

Water and Raw Material Consumption

(i)	Water consumption m ³ /d	:	Avg. 480.12 m ³ /day
	Process	:	185.83 m ³ /day
	Cooling	:	212.74 m ³ /day
	Domestic + Gardening	:	81.55 m ³ /day

Name of product	2023-24			2024-25		
	Production (MT)	Total process water Consumption (KL)	Water consumption in KL/MT of production	Production (MT)	Total process water Consumption (KL)	Water consumption in KL/MT of production
Insecticides, Herbicides, Pesticides & Intermediates	5977.39	54307	9.08	10883.77	67827	6.23

(ii) **Raw Material Consumption**

Name of raw material consumed	Name of products	Consumption of raw material per unit
As per attached in Annexure-2		

PART- C

Pollution discharges to environment/ unit of output.

(Parameter as specified in the consent issued)

(i) Pollution	Quality of Pollutants Discharged (Mass/day)	Concentration of Pollutants discharges (mass/volume)	Percentage of variation from prescribed standards
a) Water	As per attached in Annexure-3.		
b) Air			

PART- D
(HAZARDOUS WASTES)

Hazardous Wastes	Total Quantity (MT)	
	During the previous financial year (2023-24)	During the current financial year (2024-25)
(a) From process: Incinerable waste/ Co-processing and Pre-Processing	1333.00 MT	1483.28 MT
Discarded Containers/Barrels/Liners contaminated with HW	269.95 MT	345.00 MT
Used Spent Oil	2.50 MT	2.20 MT
(b) From pollution Control Facilities ETP – MEE Sludge	6248.00 MT	14043.88 MT

PART- E
SOLID WASTES

TOTAL QUANTITY (MT)		
	During the Previous Financial Year	During the Current Financial Year
(a) From Pollution Control Equipment	N.A.	N.A.
(b) From Process	NA	NA

PART- F

Please specify the characterizations (in terms of composition of quantum) of Hazardous as well solid waste and indicate disposal practice adopted for both these categories of wastes.

Process Waste:

Disposed to Pre-processing at Banas Resources LLP-Dahej, Anas Green Environment Private Limited, Hazargo Industries Private Limited, Recycling solution Pvt. Limited, 3R Enviro India Pvt Ltd. Disposed to Incinerator at BEIL Dahej
B-Category HWs sent to actual end-users through MoU & online Manifest

Hazardous Waste:

Disposed to BEIL- Dahej, Safe Enviro Pvt Ltd., Shesh Enviro Infra Pvt Ltd.



PART- G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

Not applicable

PART- H

Additional measures/ investment proposal for environmental protection including abatement of pollution, prevention of pollution.

Refurbishment of RO plant with enhance capacity are installed to increase recycling of water and achieved ZLD.

Installed additional MEE of higher capacity to achieve ZLD.

Expansion of ETP plant and installed VTFD-4 in MEE plant.

PART- I

Any other particulates in respect of environmental protection and abatement of pollution.

- 1). Tree plantation in and around the factory premises is done every year and more than 10,000 nos. of plants developed.
- 2). Environmental awareness program at shop floor level is regularly arranged through Training, sharing of knowledge / information for prevention of environment pollution.

Dated: 29-04-2025

For, Bharat Rasayan Limited.

Authorized signature



Annexure -1		
Sr. No.	Product Name	Installed Capacity MT/Yr
1	Atrazine	300
2	Cypermethric acid chloride (CMAC)	2000
3	Penoxsulam	100
4	Pymetrozine	200
5	Thiophanate-Methyl	500
6	Topramezone	50
7	Tolfenpyrad	100
8	Alpha Cypermethrin Technical	600
9	Cypermethrin Technical	1500
10	Diafenthuron Technical	800
11	Ethion Technical	1200
12	m-Phenoxybenzaldehyde	3000
13	Metsulfuron-methyl Technical	100
14	Metribuzine Technical	1200
15	Pendimethalin Technical	1000
16	Phenthoate Technical	900
17	Permethrin Technical	500
18	Chlorimuron Ethyl Technical (95%)	25
19	Diuron Technical	900
20	Zeta Cypermehrin	600
21	Ethiprole	300
22	Acetal of m-phenoxy benzaldehyde (MPBA)	500
23	Thiamethoxam Technical	1000
24	Tembotrione	200
25	Isopropyl bromide	600
26	Pesticide Formulation Liquid	6000

Annexure-2

Sr. No.	Name of Product	Total Production MT/Annum	Raw Material Name	Raw Material Consumption MT/Year
1.	Atrazine	11.50	Toluene (Fresh)	2.3
			Cyanuric chloride	10.69
			2- porpanamine	3.45
			Caustic (Flakes)	5.06
			Ethyl amine	2.76
2.	Cypermethric acid chloride (CMAC)	1352.82	Acrylonitrile	676.41
			Carbon Tetra Chloride (fresh)	1961.58
			DEA-HCl	13.52
			Acetonitrile	27.05
			Cupric Chloride(Catalyst)	13.52
			HCL (30%)	2029.23
			Thionyl Chloride	2164.51
			Dimethyl Formamide	27.05
			n-Hexane (fresh)	622.29
			Isobutylene	798.16
			TEA	1122.84
			Soda ash	13.52
			Catalyst- BF3	13.52
			Caustic lye 48%	2759.75
			Sulphuric acid	1351.62
3.	Penoxsulam	1.80	Acrylonitrile (fresh)	0.27
			2-Amino-5,8-dimethoxy-[1,2,4]triazolo[1,5-c]pyrimidine	0.73
			3,5-Lutidine	0.43
			Dimethyl sulfoxide	0.18
			2-(2,2-Difluoroethoxy)-6-(trifluoromethyl)benzenesulfonyl chloride	1.27
			Sulfuric acid (98%)	0.63
4.	Pymetrozine	185.59	Pyridine-3-carbonitrile	148.47
			Acetic acid	20.41
			Reney nickel	0.00
			Hydrogen	3.71
			Hydrochloric acid (30%)	37.11
			Methanol (fresh)	31.55
			NaOH (24%)	185.59
5.	Thiophanate-methyl	499.84	1,2-Dinitrobenzene	254.91
			Hydrogen	19.99
			Raney nickel	0.00
			Methyl Chloro Formate	279.91
			Sodium Thiocyanate	284.90
			Hexane (fresh)	64.97

			Ethylene dichloride (fresh)	74.97
6.	Topramezone	25.25	3-(4,5-dihydro-3-isoxazoly)-2-methyl-4-(methylsulfonyl) benzoic acid	20.20
			1 -methyl-5-hydroxypyrazole	7.57
			Potassium carbonate	11.36
			Thionyl chloride	9.59
			Benzene (fresh)	3.28
			Ethyl Acetate (fresh)	1.51
7.	Tolfenpyrad	99.27	4-Chloro-3-ethyl-1-methyl-1H-pyrazole-5-carboxylic Acid	57.57
			Thiyonil Chloride	39.70
			4-(4-Methylphenoxy)Benzylamine Hydrochloric Acid	74.45
			Tri Ethyl Amine	75.44
			Isopropylamine	148.90
8.	Alpha Cypermethrin Technical	416.41	Cypermethic acid chloride	258.17
			Metaphenoxy Benzaldehyde	229.02
			Sodium cyanide	58.29
			Toluene (fresh)	12.49
			Triethyl benzene ammonium chloride (catalyst)	8.32
			Sodium Hypochlorite for washing	104.10
			Hexane (fresh)	16.65
			Triethyl amine(catalyst)	4.16
			Acetic acid	8.32
			Sodium hypochlorite (10%)	83.28
9.	Cypermethrin technical	1499.36	Hexane (fresh)	104.95
			Cypermethic acid chloride	884.62
			Metaphenoxy Benzaldehyde	764.67
			Sodium cyanide	194.91
			Triethyl benzene ammonium chloride (Catalyst)	14.99
			Sodium Carbonate (Catalyst)	29.98
			Ethylene Dichloride(Catalyst)	59.97
			Sodium Hypochlorite for washing	299.87
			Sodium hypochlorite (10%)	224.90
			Acetic Acid	0.00
10.	Diafenthion technical	690.48	2,6-Diisopropyl aniline	428.09
			Bromine	400.47
			Dichloro ethane (EDC) (fresh)	172.62
			Caustic solution -30 %	255.47
			Copper Benzoate (Catalyst)	6.90
			Caustic lye 10%	345.24
			HCl (30%)	379.76
			Sodium Thiocyanate	241.66
			Ortho xylene (fresh)	172.62
			Hexane (fresh)	55.23

			Tert butyl amine	172.62
			Phenol	352.14
			Potassium hydroxide	220.95
11.	Ethion Technical	885.53	Phosphorus Pentasulfide	646.43
			Ethanol	708.42
			Toluene (fresh)	88.55
			Caustic lye (27%)	1062.63
			Dibromomethane	433.90
12.	m-Phenoxybenzaldehyde	1986.48	Benzaldehyde	1291.21
			Bromine	1032.96
			Aluminium Chloride	2145.39
			Ethylene dichloride (fresh)	238.37
			Chlorine	437.02
			HCL 30%	993.24
			Mono Ethyl Glycol (fresh)	39.72
			PSTA (catalyst)	0.00
			Phenol	1072.69
			Potassium hydroxide	715.13
			Cuprous Chloride (catalyst)	0.00
			Toluene (fresh)	178.78
			Caustic lye -48%	119.18
			Sulphuric acid	158.91
13	Metsulfuron-methyl Technical	29.73	Toluene (fresh)	4.75
			2-Carbomethoxy benzene Sulfonamide Isocyanate	20.81
			2-amino-4-methoxy-6-methyl-1,3,5 Triazene	11.00
14	Metribuzin Technical	932.63	4-amino-6-(tert-butyl)-3-mercapto-1,2,4-triazin-5 (4H)-one	932.63
			Dimethyl sulphate	578.23
			Sulphuric acid (98%)	1165.78
			25% Sodium carbonate	1678.73
			Caustic lye 48%	46.63
15	Pendimethalin Technical	28.46	4-Nitro -O-xylene	16.50
			Diethyl ketone (fresh)	9.39
			Hydrogen	1.13
			Pt/C (catalyst) (fresh)	0.00
			Nitric acid -72%	23.62
			Sulfuric acid	19.63
			Ethylene dichloride (EDC) (fresh)	1.70
			Acetone	1.70
			Hydrochloric acid (30%)	5.40
			Caustic lye -48%	1.42
16	Phenthoate Technical	549.65	Toluene (fresh)	60.46
			Phosphorus Penta sulphide	263.83
			Methanol	170.39
			Caustic lye -27%	637.59
			Sulphuric acid	131.91

			Benzene (fresh)	54.96
			Absolule Alcohol	159.39
			Soda Ash	10.99
			Hydrogen Peroxide	5.49
			Phenyl acetic acid	258.33
			Bromine	340.78
			Thionyl chloride	21.98
			Sodium bisulphite	16.48
17	Permethrin Technical	148.61	Ranny Nickel (Catalyst)	1.48
			Meta phenoxy Benzaldehyde	77.27
			Hydrogen gas	1.48
			Cypermethric acid chloride	87.67
			SodA ash	1.48
			Acetic acid	0.00
18	Chlorimuron Ethyl Technical (95%)	20.37	Toluene	2.85
			Ethyl-2-(Isocynatosulfonyl) Benzoate	13.24
			2-amino-4-chloro-6-methoxy pyrimidine	9.16
19	Diuron Technical	687.24	3,4 Dichloro phenyl isocyanate	563.53
			Dimethyl amine	158.06
			Xylene (fresh)	89.34
20	Zeta Cypermehrin	21.80	Cypermethrin	23.54
			Heptane (fresh)	3.27
			Soda ash	1.96
			Methyl trietyl ammonium chloride (Catalyst)	0.21
			10% Aq. HCl	5.45
21	Ethiprole	2.78	Acetonitrile	0.55
			Potassium carbonate	1.39
			4,4'-Dithiobis[5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-1H-pyrazole-3-...	2.47
			Ethyl bromide	1.13
			Hydrochloric acid	1.80
			Sodium formaldehyde sulfoxylate	2.91
			Acetic acid	0/27
			Hydrogen peroxide	0.27
			Dichloromethane (fresh)	0.69
			NaOH(48%)	0.58
22	Acetal of m-phenoxy benzaldehyde (MPBA)	90.00	Benzaldehyde	58.50
			Bromine	46.80
			Aluminium Chloride	97.20
			Ethylene dichloride (fresh)	10.80
			Chlorine	19.80
			HCL 30%	0.90
			Mono Ethyl Glycol	32.4

Environmental Statement (Form-V) for the year 2024-25
Bharat Rasayan Ltd., Dahej, GPCB ID: 33612

			PSTA (catalyst)	0.00
			Phenol	48.60
			Potassium hydroxide	32.40
			23Cuprous Chloride (catalyst)	0.00
			Toluene (fresh)	8.10
			Caustic lye -48%	5.40
23	Thiamethoxam Technical	513.12	Dimethyl Formamide (fresh)	61.57
			2-chloro-5-chloro methylthiazole	359.18
			3-methyl-4 nitro per hydro, 1,2,5 oxadiazene	379.70
			Caustic Flakes	97.49
			Hydrochloric Acid (30%)	20.52
			Sodium Hypochlorite	76.96
			Methanol (fresh)	30.78
24	Tembotrione	55.07	2-Chloro-4-(methylsulfonyl)-3- [(2,2,2-trifluoroethoxy)	55.07
			DMF (catalyst)	5.50
			Thionyl chloride	275.35
			Dichloroethane (fresh)	8.26
			1,3-Cyclohexanedione	18.72
			Dichloromethane (fresh)	11.01
25	Isopropyl bromide	149.88	Sodium bromide	125.89
			Isopropyl alcohol	74.94
			Sulphuric acid (98%)	122.90
			Soda ash	131.89