

Submission of Annual Inventory on Hazardous Wastes Management

Annexure - I

Name of SPCB/PCC: Mizoram State Pollution Control Board Year: 2023-2024

A1 Details on Hazardous Wastes Generation

Sl no	Name of the District	Total No. Of HW Generating Industry	No. of units possessing Authorization	No. of Units exempted from obtaining Authorization	No of units submitted annual returns	Authorized Quantity of Hazardous Wastes (Metric Tonne)				Total Qnty.	*Quantity of Hazardous wastes generated as per annual returns				Total Qnty	Details on import and export of Hazardous Wastes (Metric Tonne)			
						Landfillable	Incinerable	Recycleable	Utilizable		Landfillable	Incinerable	Recyclable	Utilizable		Quantity of HW imported during the year (MT)	Type of HW	Qnty of HW exported during the year (MT)	Type of HW
					1	2	3	4	5		6	7	8	9		10	11	12	13
1	Aizawl District	45	20	25	16	7.69		57.81	10	75.5	0.67		17.095		17.765	Nil	N/A	Nil	N/A
2	Lunglei District	1	1	Nil	1	0.5		1.5	1	3	0.04		0.65		0.69	Nil	N/A	Nil	N/A
3	Kolasib	1	NA	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Champhai	1	NA	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: 1. There are 48 HW generating units in the state, out of which 21 units are authorized and the rest 27 units are cottage type which generates very less quantity of used oil (approximately 0.2 MTA) and are exempted from authorization.

2. For the financial year, 2023-2024 out of 21 authorized units 17 units filed annual returns and the rest 4 authorized units failed to submit. As such, show cause notice was served to each of these units.

Format-A2: Details on Inter-State Movement of Hazardous Waste for recycling/Utilization/disposal

SI No	Hazardous Waste	Hazardous Wastes received from other State/UT (MT)		Hazardous Wastes sent to other State/UT	
		Name of State/UT from which waste received	Quantity received(MT)	Name of State/UT where	Quantity sent(MT)
		<i>14</i>	<i>15</i>	<i>16</i>	<i>17</i>
1	For disposal at common secured landfill	Not Available	Nil	Not Available	Nil
2	For disposal at common incinerator	Not Available	Nil	Not Available	Nil
3	For recycling by schedule-IV recyclers	Not Available	Nil	Assam	31
4	For utilization in co-processing (cement plants)	Not Available	Nil	Not Available	Nil
5	For utilization under Rule 9 (other than co-processing)	Not Available	Nil	Not Available	Nil

A3: Details on Hazardous Wastes Recycled and Utilized

Sl No.	Name of the	Recycling/Utilization of Hazardous waste (generated within the State/UT)						Recycling/Utilization of Hazardous waste (received from other State/UT)			
		Quantity of Waste Recycled (listed under schedule IV Hazardous waste) (MT)		Quantity Utilized (MT)				Quantity of Waste Recycled (listed under schedule IV Hazardous waste) (MT)	Quantity Utilized (MT)		
				Co-processing in Cement plant		Non-captive utilization based on CPCBs SOPs			Captive utilization of hazardous and other wastes for which SOP has not been prepared by CPCB	Co-processing in Cement plant	Non-captive utilization based on CPCBs SOPs
		Generated within the state	Imported	Generated within the state	Imported	Generated within the state	Imported				
		18	19	20	21	22	23	24	25	26	27
1	All District in Mizoram	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Total										

A4: Details on Hazardous Wastes disposed

Sl No.	Name of the District	Disposed of Hazardous waste (generated within the State/UT)				Disposed of Hazardous waste	
		Quantity disposed in Secured Landfill		Quantity disposed through incinerator (MT)		Quantity disposed in common (MT)	
		Common	Captive	Common	Captive	SLF	Incinerator
		28	29	30	31	32	33
1	All District in Mizoram	Nil	Nil	Nil	Nil	Nil	Nil
	Total						

A5: Details on Hazardous Wastes Stored at Occupier Premises

Sl No.	Name of the District	Total quantity of HW Stored at Occupier Premises at the beginning of the financial year i.e 1st April (MT)				Total quantity of HW Stored at Occupier Premises at the end of the financial year i.e 1st April to 31st March (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		<i>34</i>	<i>35</i>	<i>36</i>	<i>37</i>	<i>38</i>	<i>39</i>	<i>40</i>	<i>41</i>
1	Aizawl District	1.046	Nil	11.462	Nil	0.03	Nil	1.5	
2	Lunglei District	0.454		2.54		0.002		0.1	
	Total	1.5		14.002		0.032		1.6	

A7-A Details of Domestic Hazardous Wastes*Resulting from Enforcement of Other Regulation										
Sl. No	Name of the District	Name and Address of deposition centres authorized for collection	Authorized capacity (MT)	Quantity of domestic HW received at deposition centres during the year April-March (MT)		Quantity of domestic HW sent for recycling and utilization (MT)	Quantity of domestic HW sent to common TSDF (MT)		Quantity of hazardous waste stored at deposition centres (MT)	
				57	58		59	60	61	62
1	All District in Mizoram	N/A	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-
*Please refer section 3.1.4 of the guidelines for preparation of inventory on hazardous waste management										
A7-B Details of Fluorescent and Other Mercury containing lamps* resulting from Enforcement of Other Regulation										
Sl. No	Name of the District	Name and Address of collection centres authorized for collection	Authorized capacity (MT)	Quantity of waste received at collection centres (MT)	Quantity of waste sent for recycling/utilization (MT)	Quantity of Waste sent to common TSDF (MT)	Quantity of hazardous waste stored			
							at the beginning of of the FY .i.e 1st April	at the end of FY i.e. 31st March		
1	All district in Mizoram	NA	Nil	Nil	Nil	Nil	Nil	Nil		
Total										
*Please refer section 3.1.4 of the guidelines for preparation of inventory on hazardous waste management										

A8 Details of waste collectors													
Sl. No	Name of the District	Name and Address of waste collectors	Authorized capacity (MT)	Quantity of waste received at collection centres (MT)		Quantity of waste sent for recycling/utilization (MT)		Quantity of waste sent to common TSDF		Quantity of waste stored at beginning of the financial year i.e. 1st April (MT)		Quantity of waste stored at end of the financial year i.e. 31st March (MT)	
				Hazardous waste	Other waste	Hazardous Waste	Other waste	Hazardous waste	Other waste	Hazardous waste	Other waste	Hazardous waste	Other waste
		72	73	74	75	76	77	78	79	80	81	82	83
1	Aizawl District	1. M/s Loma Mobil, Chaltlang Sairang Road, Aizawl Mizoram	150	31.747	NA	31	NA	NA	NA	Nil	NA	0.747	NA

B Annual Inventory on Recycling/ Utilization/Pre-processing/Co-Processing of Hazardous and Other Waste					
Sl. No	Name of SPCB/PCC: Mizoram state Pollution Control Board Type of recycling Facilities	No of Facilities authorized for recycling/utilization Pre-processing/Co-processing of HW (MT)	Year: 2023-2024 Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Pre-processed/Co-processed (MT) during the year 2023-2024	
				Imported Quantity	Other than Imported Quantity
		84	85	86	87
A Commonly Recyclable HW					
1	Brass Dross	Nil	N/A		N/A
2	Zinc Bearing Wastes	Nil	N/A		N/A
3	Copper Bearing Waste	Nil	N/A		N/A
4	Spent catalyst containing nickle, cadmium, Zinc, copper, arsenic, vanadium and cobalt	Nil	N/A		
5	Lead bearing waste including battery waste	Nil	N/A		N/A
6	E-waste	Nil	N/A		N/A
7	Paint and ink Sludge/Residues	Nil	N/A		N/A
8	Used Oil	Nil	N/A		N/A
9	Waste Oil	Nil	N/A		N/A
	Total				
B Non-captive utilization based on CPCBs SOPs					
1	Recovery of solvents from spent solvents				
2	Utilization of APCB Dust/ Residue generated from LD Furnace/ EAF/ Blast furnace for producing cold briquettes for use in Blast Furnace for production of Pig Iron	Nil	N/A		N/A
3	Utilization of Spent Catalyst- to recover- Platinum,Iridium,Osmium, Palladium, Rhodium, Ruthium, Rhenium, Gold & Silver	Nil	N/A		N/A
4	Utilization of Spent H2SO4 generated from Pickling operations for manufacturing Ferrous Sulphate	Nil	N/A		N/A
	Total				
C Captive utilization of Hazardous and other wastes for which SOP has not been prepared by CPCB					
1		Nil	N/A		N/A
	Total				
D Pre-processing of hazardous and other wastes					
1	Nil				
	Total				
E Co-processing in Cements Plants					
1	Nil				
	Total				

C. List of Authorized Recyclers/ Utilizers/ Preprocessors/ Co-processors of Hazardous Waste

Name of SPCB/PCC: Mizoram State Pollution Control Board

Year: 2023-2024

Sl No	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recycling/Utilization/co-processing	Authorized Recycling/Utilization/Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-Processed(MT)	
				Imported	Other than Imported
	79	88	89	90	91
A	List of Authorized Recyclers of Hazardous Waste				
1	Nil				
	Total				
B	List of authorized Utilizers (Under Rule 9) of Hazardous and other wastes				
1	Nil				
	Total				
C	List of Authorized utilizers (under captive utilization) of hazardous and other waste				
1	Nil				
	Total				
D	List of Authorized Pre processors of Hazardous and other wastes				
1	Nil				
	Total				
E	List of Authorized Co-Processors of hazardous and other wastes				
1	Nil				
	Total				

D2

Details on Captive TSDf(s)

Name of SPCB/PCC : Mizoram State Pollution Control Board

Year : 2023- 2024

Sl. No	Name and Address of Captive facility	Type of facility (landfillable/ Incinerable/both)	Capacity		HW disposed		Cummulative HW disposed till the	
			Incinerator (MT/H)	Landfill (MT/A)	SLF	Incinerator	SLF	Incinerator
	<i>118</i>	<i>119</i>	<i>120</i>	<i>121</i>	<i>122</i>	<i>123</i>	<i>124</i>	<i>125</i>
1	Captive Facility not yet Available in Mizoram	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total								

