



MIZORAM STATE POLLUTION CONTROL BOARD

No.H.88088/Poltn/4/18-MPCB/205-217

Dated Aizawl, the 30th October 2019.

To,

Shri Abhey S.Soni,
Additional Director & Head,
Waste Management-II Division,
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar, Shahdara,
Delhi-110032.

Subject: Gaps/Issued in Annual Inventory on Hazardous Waste for the year 2018-2019 reg

Reference: Y/L F.No.B-29016/G-87/19/WM-II Div./7807 dt.15.10.2019

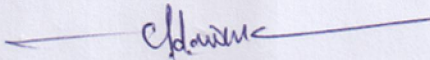
Sir,

With reference to subject and your letter No. cited above, may I submit herewith revised Annual Inventory Report on Hazardous Waste for the year 2018-2019 with respect to data gaps for favour of information and necessary action.

Replies to Sl No.1-4 of data gaps is enclosed at Annexure-I. As for Sl No. 5 regarding random verification of industries, 10 units out of 14 Authorized units were inspected for cross verification. List of the verified industries is enclosed at Annexure-II

Yours faithfully

Enclo. As above.


(C. LALDUHAWMA)

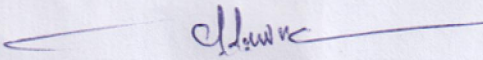
Member Secretary

Mizoram State Pollution Control Board

Memo No. H.88088/Poltn/4/18-MPCB/

Dated Aizawl, the 30th October 2019

Copy to: The Regional Director, Regional Directorate, CPCB, North East, 'Tumsir', Lower Motinagar, Near Fire Brigade Headquarters, Shillong-793014 for information.


(C. LALDUHAWMA)

Member Secretary

Mizoram State Pollution Control Board

Submission Of Annual Inventory on Hazardous Wastes Management

Name of SPCB/PCC: Mizoram State Pollution Control Board

Year: 2018-2019

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	37	14	Nil	14	0.001		0.031		0.032	0.0009		0.009	0.0103	0.0202	Nil	N/A	Nil	N/A

Note:

1. The only source of hazardous wastes in the state is mostly used oil generated by automobiles repairing workshop and the quantity of which is less and mostly recyclable.
2. Total number HW generating units during April 2018 to March 2019 was 37 no's which rises to 41 in no's as on August 2019.
3. Number of units exempted is Nil. Before the Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2019 was notified in 1.03.2019, units discharging hazardous wastes, but not requiring consent were also authorized (eg D G set less than 1 MVA)

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 waste sent	Quantity sent(MT)
		14	15	16	17
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	Not Available	Nil
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											
SI 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	Aizawl District	Nil	Nil	Nil	Nil	Nil	Nil	0.0103 (Used oil generated by Automobiles repairing units were collected immediately by owner of the furniture workshop for use as lubricants in their machines)	Nil	Nil	Nil
	Total							0.0103			

A4: Details on Hazardous Wastes disposed								
SI 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	Aizawl District	Nil	Nil	Nil	Nil	Nil	Nil	
	Total							

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 to common TSDF during the year April- March (MT)	Quantity of hazardous waste stored at deposition centres (MT)	
						at the beginning of the financial year i.e. 1st April	at the end of financial year i.e. 31st March
		54	55	56	57	58	59
1	Aizawl District	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 during the year April-March (MT)	Quantity of waste sent to common TSDF during the year April- March (MT)	Quantity of hazardous waste stored at collection centres (MT)	
						at Occupier premises at the beginning of the financial year i.e. 1st April	at Occupier premises at the end of financial year i.e. 31st March
		60	61	62	63	64	65
1	Aizawl District	N/A	-	-	-	-	-
Total		-	-	-	-	-	-

*Please refer section 3.1.4 of the guidelines for preparation of inventory on hazardous waste management

Note: Based on annual returns under E-Waste (Management & Handling) Rules, 2016

B Annual Inventory on Recycling/ Utilization?Pre-processing/Co-Processing of Hazardous and

Name of SPCB/PCC: Mizoram state Pollution Control Board

Year: 2018-2019

Sl. No	Type of recycling Facilities	No of Facilities authorized for recycling/utilization Pre-processing/Co-processing of HW (MT)	Total Authorized Capacity (MTA)	Quantity Recycled/ Recycled/ Utilized/ Pre-processed/Co - processed
		76	77	78
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	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	Used Oil generated by Automobiles repairing units Automobiles repairing units were collected immediately by owner of the furniture workshop for use as lubricants in their machines	Nil	N/A	0.0103
	Total			0.0103
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/ Cp-processors of Hazardous Waste

Name of SPCB/PCC: Mizoram State Pollution Control Board

Year: 2018-2019

Sl No	Name and Address of the Facility	Type of Hazardous Waste Authorized for	Authorized Recycling/Utilization / Co-Processing	Quantity Recycled/ Utilized/
	79	80	81	82
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		Used oil from Automobile repairing workshops		0.0103
	Total			0.0103
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			

Note: Used oil from Auto repairing workshops are being re-used as lubricants for machines like band saw etc in furniture workshops. The utilization issue was found out during cross verification conducted by MPCB.

As there is no SOPs developed for utilization of used oil as lubricants, no authorization is considered required under Rule 9 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 . Therefore Column 79 and Column 81 are left blank.

Annexure-II

List of industries verified during May, June & August 2019

Sl No	Name of the industries	Address
1.	M/s C.K Cars (Hyundai Servicing Centre)	Falkland, Aizawl, Mizoram
2.	M/s C.K Cars (Vespa Division)	Lunglei Road, Bawngkawn, Aizawl, Mizoram
3.	M/s Chhantea Motor Works	Kulikawn, Aizawl, Mizoram
4.	M/s Chhimbai Motor Works	Kulikawn, Aizawl, Mizoram
5.	M/s Mawia Two Wheeler Workshop	Dinthar-I, Aizawl, Mizoram
6.	M/s Varte Two Wheeler Workshop	Mission Vengthlang, Aizawl, Mizoram
7.	M/s Hot Wheels Motor Cycle	Khatla, Aizawl, Mizoram
8.	M/s Chawngthu Engineering Works	Saron Veng Aizawl, Mizoram
9.	M/s L.H Automobile Engineering Works	Kulikawn, Aizawl, Mizoram
10.	M/s Nela Engineering Works	Zemabawk, Aizawl, Mizoram