

Hazardous Wastes Management in Madhya Pradesh

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1.Introduction:



The important role of industries in the growth and development of India was realised in the early years of independence. To encourage industrialisation in selected areas and to curb unplanned growth of industries, the industrial estates that is, clusters of industries at a designated site with appropriate infrastructure facilities, have been set up in different parts of the countries.

In Madhya Pradesh there are about 119 industrial area distributed in 50 districts of the state. The present report is an inventory of hazardous waste management in the state. The compilation of the report has been carried out in view of the rules and the directions received from Ministry of Environment & Forests, New Delhi and Central Pollution Control Board, Delhi. Various aspects covered in this report are:

- ❖ General information and salient features of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008.
- ❖ Brief of the Hazardous Waste Management Division at M.P. Pollution Control Board and the procedures adopted for grant/renewal of Authorization.
- ❖ District-wise information on Hazardous Waste generating industries.
- ❖ Quantification and segregation of generated hazardous wastes based on their disposal practice.
- ❖ Statistical analysis of the hazardous waste being generated in the state.
- ❖ Details of the Common Treatment, Storage & Disposal Facility of the state.
- ❖ Brief of the captive Hazardous Waste disposal facilities in the state.

2.General Information



Environmental Protection Act (EPA) 1986 takes the care of Hazardous Waste and its Management. The Ministry of Environment & Forests (Govt. of India), notified Hazardous Waste (M&H) Rules 1989 on 28th July, 1989. Latter on these rules were amended in 2000 (notified on 6th January, 2000) and 2003. (notified on May 23, 2003).

Recently, Ministry of Environment and Forests in exercise of the powers conferred by section 6, 8 and 25 of the Environment (Protection) Act, 1986 (29 of 1986) and in supersession of the Hazardous Wastes (Management and Handling) Rules, 1989 notified new Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 on dated 24th. September, 2008.



3. Salient Features of the hazardous Wastes Rules

As per the rules “Hazardous Waste” means any waste which by reason of any of its physical, chemical, reactive, toxic, flammable, explosive or corrosive characteristics causes danger or is likely to cause danger to health or environment, whether alone or when in contact with other wastes or substances.

❖ Hazardous waste includes :

- (a) The wastes specified under column (3) of Schedule-I,
- (b) Wastes having constituents specified in Schedule-II if their concentration is equal to or more than the limit indicated in the said Schedule; and
- (c) Wastes listed in part ‘A’ and part ‘B’ of Schedule-III in respect of import or export of such wastes in accordance with rules 12,13, and 14 or the wastes

other than those specified in part A or part B, if they possess any of the hazardous characteristics specified in part C, of the schedule.

- ❖ As per these rules, any occupier generating hazardous wastes is required to take all practical steps to ensure that such wastes are properly handled and disposed off without any adverse effects which may result from such wastes and the occupier shall also be responsible for proper collection, reception, treatment, storage and disposal of these wastes either himself or through the operator of a facility.
- ❖ Every person who is engaged in generation, processing, treatment, package, storage, transportation, use, collection, destruction, conversion, offering for sale, transfer or the like of the hazardous waste is required to obtain an authorization from State Pollution Control Board.
- ❖ The State Pollution Control Board should not issue an authorization unless satisfied that the operator of a facility or an occupier, as the case may be, possesses appropriate facilities, technical capabilities and equipment to handle hazardous wastes safely.
- ❖ The inclusion of waste containing in schedule-I does not preclude the use of Schedule-II to demonstrate that the waste is not hazardous. In case of dispute, the matter would be referred to the Technical Review Committee constituted by Ministry of Environment Forests.
- ❖ The high volume low effect wastes such as fly ash, phosphogypsum, red mud, slags from pyrometallurgical operations, mine tailing and ore beneficiation rejects are excluded from the category of hazardous wastes. Separate

guidelines on the management of these wastes shall be issued by Central Pollution Control Board.



4. Responsibilities of Entrepreneurs

- ❖ To obtain Authorization from SPCBs for generation, processing, treatment, package, storage, transportation, use, collection, destruction, conversion, offering for sale, transfer or the like of the hazardous wastes.
- ❖ To comply with terms & conditions laid down in the Authorization pertaining to the management of Hazardous Wastes.
- ❖ To submit the requisite information in the prescribed formats to the Board.
- ❖ To maintain the up to date record of generated Hazardous Wastes.
- ❖ To submit the manifest regarding transportation of Hazardous Wastes.
- ❖ To apply for renewal on expiry of the validity of authorization.



5. Details of various forms to be submitted

FORM NO.	DETAILS	TO BE Submitted/Issued/ Maintained by
Form 1	Application for authorization/renewal of authorization for collection/reception/treatment/transport/storage/ disposal of hazardous waste.	Occupier/operator of facility.
Form 2	Authorization for occupiers, re-processors, re-users and operators of a facility for collection, reception, treatment, storage, transport, and disposal of hazardous wastes.	State Pollution Control Board
Form 3	Format for maintaining records of hazardous wastes by the occupier/operator of facility.	Occupier/operator of facility.
Form 4.	Annual returns pertaining to the generation of Hazardous Wastes.	Occupier/operator of facility.
Form 5	Application for grant/renewal of registration of industrial units processing environmentally sound management facilities for reprocessing / recycling.	Industrial units.
Form 6	Annual returns & records on recyclable Hazardous Wastes by recyclers.	Industrial units.
Form 7	Application for Import or Export of Hazardous	Importer & Exporter Industry.

	Wastes for reprocessing / recycling/reuse.	
Form 8	Application for transboundary movement of hazardous wastes.	Importer & Exporter of Industry.
Form-9	Transboundary Movement - Movement Document.	Importer & Exporter Industry.
Form-10	Records of hazardous wastes imported and exported.	Importer & Exporter Industry.
Form 11	Transport Emergency (TREM) Card.	To be issued by occupier/operator of facility and carried by transporter.
Form 12	Marking of Hazardous Waste Containers.	Occupier/operator of facility.
Form 13	Hazardous Waste Manifest.	Occupier
Form 14	Accident reporting & follow up.	Occupier/operator of facility transporter.
Form 15	Application for Filing Appeal Against the order passed by CPCB/SPCB/PCC.	Any person aggrieved by on order of supervision or cancellation or refund of authorization or its renewal.



6. Hazardous waste Management Cell at M.P. Pollution Control Board

Madhya Pradesh Pollution Control Board has established a separate cell for this purpose named as "Hazardous Substance Management Division" (HSMD) at Head Office level. The head office is supported with a network of Regional Offices across the State for regular vigil on the Industries. Head office issues Authorization/ renewal to Large and Medium scale industries while authorizations to small-scale industries are issued by Regional offices.



7. Authorization Procedure

1. Inputs from industry:

- Form- I from Industry completely filled.
- Questionnaire/inventory from Industry.
- Requisite Adm. Expenses.

2. Procedure:

- Scrutiny at Head Office level.
- Inspection report from Regional Office.

- Waste Quantification.
- Waste Characterization.
- Compliance of Rules 5.

3. Issuance of Authorization.



8. Renewal of Authorization

- Application for renewal is to be made before the expiry of its term.

1. Inputs from industry:

- Form-1 from industry completely filled.
- Requisite administrative fee.
- Form-4.
- Form-13.
- Latest inventory of the hazardous wastes generated by industry.

2. Procedure:

- Industry's compliance with the terms & conditions laid down in the authorization.
- Submissions of manifest documents, annual returns regarding generation/disposal of Hazardous Wastes etc.)
- Proper record keeping of Hazardous Wastes.
- Efforts made for minimization of Hazardous Wastes (If applicable)
- Timely implementation of the directions issued from time to time in context to management of Hazardous Wastes.
- Inspection report from Regional Office.
- Compliance of Rules 5.

3. Issuance of Renewal of Authorization.



9. Laboratory for the analysis of Hazardous Wastes Samples

M.P. Pollution Control Board has developed a laboratory for characterization of hazardous wastes at its Research Center, Bhopal. This laboratory has been recognized under Environment (Protection) Act, 1986 and is carrying out the analysis of Hazardous Wastes Samples.



10. Future Planning of the Board

Under the laboratory strengthening component, M.P. Pollution Control Board has developed a laboratory exclusively for characterization of hazardous wastes at its Research Center Bhopal. In this context point-wise status is follows:

- ❖ Laboratory has been recognized under EPA the Notification for the same is awaited from CPCB.
- ❖ Sanction for execution of the proposed activities under the project has been received from MoEF. Procurement of materials & equipments is under process.

Trainings to the lab staff are covered in the annual training module as one of the components. However specialized trainings to the concerned staff shall be required.



11. Scenario of the Hazardous Waste Generating Industries in Madhya Pradesh

In Madhya Pradesh 1319 units have been accorded authorization, which includes industrial establishment involved in production activities and the non-industrial establishments such as printing press, oil depots, hotel, hospitals and education institutions. All these units either have installed DG-sets or storing petroleum products and thus generating used oil waste oil as hazardous waste owing to which these units have been covered under the Rules and granted authorization.

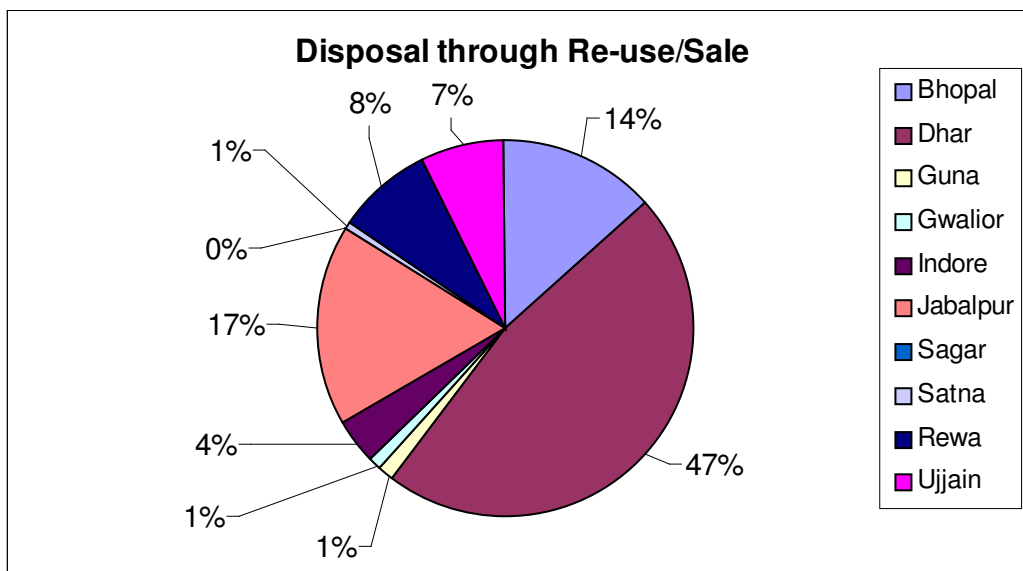
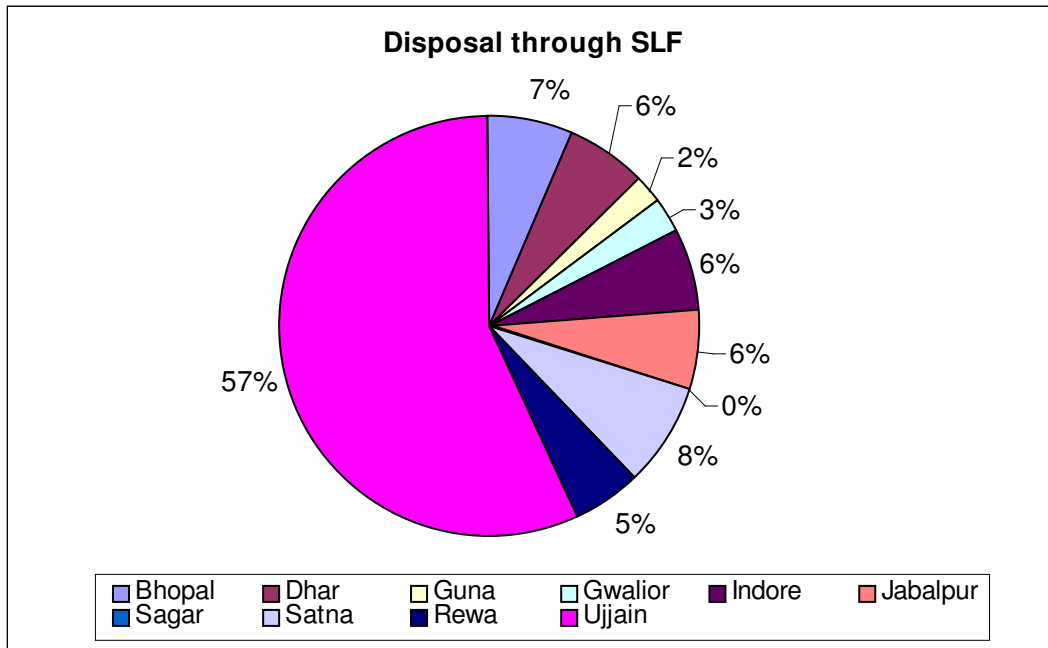
Region wise hazardous waste generated by the units of Madhya Pradesh is presented in the tables below:-

S. No.	Regional office	S.L.F. (MT)	Reuse/Sale (MT)	Incineration (MT)	Total (MT)
1-	Bhopal	2261.363	17834.2869	1230.39	21326.0399
2-	Dhar	2197.2365	60471.0328	361.965	63030.2343
3-	Guna	698.84	1799.6908	0	2498.5308
4-	Gwalior	1023.565	1402.716	26.7385	2453.0195
5-	Indore	2133.516	5292.56732	51.727	7477.80132
6-	Jabalpur	2033.446	22636.3226	0.72	24670.488
7-	Sagar	0	154.4307	0	154.4307
8-	Satna	2708.59	692.4231	40	3441.0131
9-	Rewa	1888.758	10897.7695	16.312	12802.8395
10-	Ujjain	19688.0345	9336.0142	1715.665	30739.7137
	Total	34633.349	130517.25392	3443.5175	168594.11082

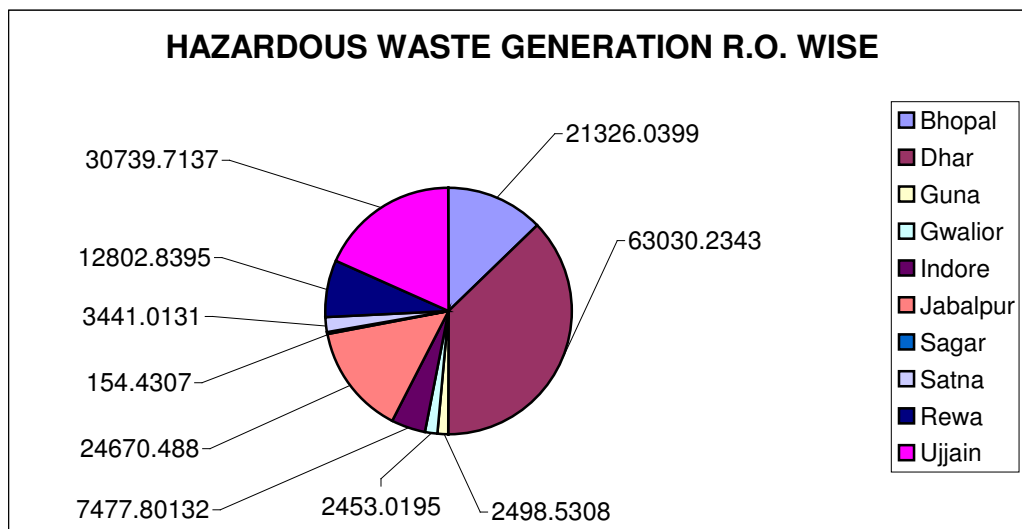
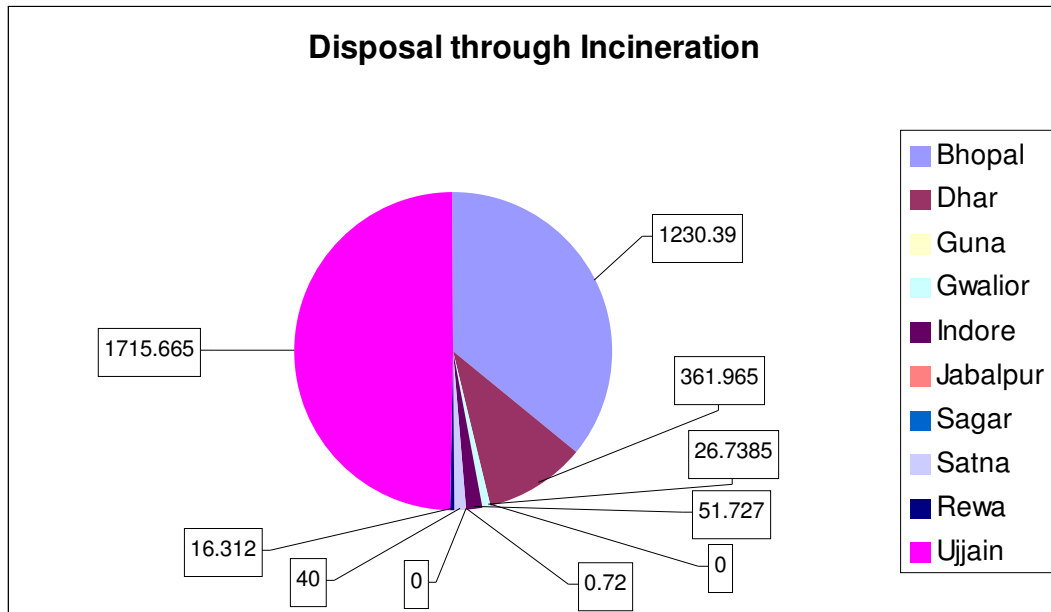
Note:- The value of KL has been converted into MT by multiplying the common factor 0.9.



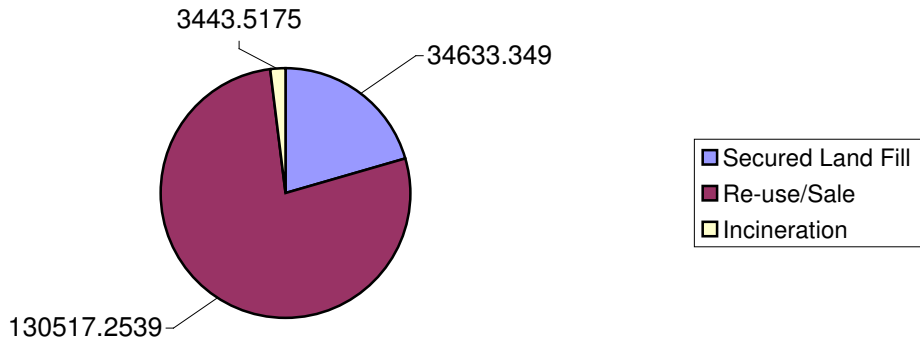
12. REGIONWISE DISPOSAL OF HAZARDOUS WASTE



REGIONWISE DISPOSAL OF HAZARDOUS WASTE



HAZARDOUS WASTE DISPOSAL



TOTAL GENERATION : 168594.11082 MT/YEAR



13. Dump Sites & Highlights

Board has identified 04 hazardous industrial wastes dump sites. Inventory based on initial surveys is presented below:

M/s. Sajjan Chemical & Investment (P) Ltd., Ratlam

- M/s. Sajjan Chemical & Investment (P) Ltd., Ratlam was engaged in the manufacture of H-acid, G-acid and is closed since 20.06.1999.
- The industry was generating: 1000MT/A of Gypsum sludge, 410MT/A Iron Sludge 4000MT/A of Sodium Sulphate & 1500MT/A of incinerated ash as hazardous wastes.
- Some of the wastes were being disposed off in khasara No 469/1 Kandarwasa mine. The incinerated ash was stored at plot No 61B, Industrial area.
- Presently all structures have been dismantled and equipments, machinery and all scrap materials have been removed from the site.
- Waste debris are still lying in underground storage tanks & sheds within & near by to factory premises.
- Legal action under EPA has been filed in CJM, Ratlam.

M/s. Bordia Chemicals, Ratlam

- The unit was engaged in manufacturing H-acid, G-acid etc. and closed since January 2003.
- The industry was storing most of the wastes within the premises,
- But currently most of the haz. Wastes & chemicals have been disposed off by the industry without permission from Board.
- Legal action under EPA has been filed against the unit in CJM, Ratlam.

M/s. Jayant Vitamins Ltd., Ratlam

- The industry was engaged in manufacturing Vitamin-C and sorbitol.
- The industry was generating ETP sludge to the tune of 109.5MT/A & 22MT/A Nickel sludge.
- The industry is closed since 2000 and expected to have accumulated waste in its premises. Presently under custodian of Bank of India as per the instruction of Hon. Bombay High Court, hence entry is restricted.
- But there is possibility that industry might have disposed off some waste in the premises of the industry which had to be verified by monitoring of soil, sub-soil and UG waste.

M/s. Beta-naphthol, Maksi, Distt. Shajapur (M.P)

- This unit started production in 1985 and was engaged in manufacturing Beta-naphthol to the tune of 150/month and by-products sodium sulphite and tar and is closed since 1997.
- The industry generated hazardous waste ETP Sludge to the tune of 550 MT/year and Tarry waste to the tune of 15.40MT/year.
- At present there was no structure above ground level. All the structure has been dismantled and all the materials as reported earlier has been taken away or sold to procure all recyclable materials.

- At present only the sludge lying in underground platform and quantity could not be assessed as the platform also has been damaged to procure steel items.
- Legal action under EPA has been filed against the unit in CJM, Shajapur.

Summary

Apparent dumpsites with hazardous waste as per the available information are as following:

- Plot no. 54- E Industrial Area, Ratlam Sludge storage area of M/s Sajjan Chemicals.
- Plot no. 61-B Industrial Area, Ratlam Sludge storage area of M/s Sajjan Chemicals.
- Kandarwasa Mine Sludge storage area of M/s Sajjan Chemicals.
- Dump site of M/s Jayant Vitamin, Dosigaon, Industrial Area , Ratlam.
- Dump site of M/s Bordia Chemicals Ltd., 469 Katju Nagar , Ratlam.
- Dump site of M/s Beta-naphthol Ltd., 5-A Industrial Area , Maksi., Shajapur

M.P. Pollution Control Board has identified 04 hazardous waste dump site in Ratlam and Maksi area which belongs to M/s. Beta-naphthol Ltd., Maksi, M/s. Jayant Vitamins, M/s. Bordia Chemicals & M/s. Sajjan Chemicals, Ratlam. All the industries have been closed between 1997 to 2003. M. P. Pollution Control Board has submitted the report on Identification & assessment of Hazardous Waste dump sites to CPCB, vide letter no 431 / MPPCB / HSMD / 2007 dated 26/02/2007. A presentation on the report was made before CPCB and GTZ on 07/06/07 at CPCB, Delhi during the meeting of expert committee for review of assessment of hazardous waste dump site & evaluation of remediation plan for these.

The approx. quantity of waste stored at various locations (industrial premises and near by area) is 23,594 MT & waste shifting proposals (Rs. 6.60 crore) to TSDF, Pithampur, Dhar had been forwarded to CPCB and MoEF vide letter No. 801/HOPCB/HSMD/2008, dt. 17.04.2008. MoEF has appointed M/s. SENES Consultant India (P) Ltd., Noida for study of these sites as per following Terms of Reference :-

1. Review of the existing polluted sites management.
2. Prepare project specific technical and investment plans for demonstration of polluted sites rehabilitation at the pre identified polluted sites i.e. Ratlam and Maksi of Madhya Pradesh.

Pre feasibility studies draft report has been prepared by M/s. SENES Consultant India (P) Ltd., and the same has been submitted by Govt. of India, to task team leader and Lead Environment Socialist, South Asia Sustainable Development, The World Bank, Washington, for expert comments with a copy to this office on 28.11.08. The final report is yet awaited.



14. Common TSDF

Common Treatment, Storage and Disposal Facility has been constructed and has become operational from November 2006, at Plot No. 104, Industrial Area No. II, Pithampur Distt. Dhar (M.P), by M/s. M.P. Waste Management Facility (A group of M/s. Ramky Enviro Engineers Ltd. Hyderabad) on BOOT basis.

The TSDF has following facilities:

1. Temporary storage area for storage of wastes.
2. Solidification/stabilization.
3. Incineration. (Under Installation)
4. Secured Land Fill.
5. SEP for leachates.
6. Lab for analytical purposes.
7. Other facilities such as weigh bridge, tyre wash area etc.

The TSDF is designed to dispose following wastes for 20 years:-

❖ Direct Land Fill.	-	50,000 MT./Y
❖ Solidification/stabilization followed by land fill	-	20,000 MT/Y
❖ Incineration (Under Installation)	-	20,000 MT/Y

Till March, 2009 about 33,409.912 MT of hazardous waste has been disposed off in the facility.



15. Captive Disposal Facilities

In M. P., following 10 units have their own Captive Secured land Fill Facility:-

- ❖ M/s. Grasim Industries Ltd., Nagda.
- ❖ M/s. Hukumchand Jute Industries (Amlai)Shahdol.
- ❖ M/s. Century Denim, Khargone.
- ❖ M/s. RPG Transmission Ltd., Jabalpur.
- ❖ M/s. Lupin (Mandideep),Raisen
- ❖ M/s. Telecom Ltd., Richhai,Jabalpur under construction.

- ❖ M/s. Eternti Everest , Kymore.
- ❖ M/s. Ranbaxy , Dewas
- ❖ M/s. Bhansali Engineering Polymer Ltd.,(Sousar) Chhindwara.
- ❖ M/s. Hotline (CPT), Malanpur, Bhind.



16. Captive Incineration facilities:-

In M. P., following 12 units have installed captive incinerators for incineration of wastes :-

- ❖ M/s. Kinetic Motors, Pithampur, Dhar
- ❖ M/s. Eicher Motors, Pithampur, Dhar
- ❖ M/s. Birla Ericsson, Rewa
- ❖ M/s. Vindhya Telelinks, Rewa
- ❖ M/s. Lupin Industries, Mandideep, Raisen.
- ❖ M/s. ICPA Lab., Ratlam
- ❖ M/s. Ranbaxy, Dewas
- ❖ M/s. Premier Industries, Sousar, Chhindwara
- ❖ M/s. Gwalior Chemicals, Nagda
- ❖ M/s. Force Motors, Pithampur, Dhar
- ❖ M/s National Steel CRM Div. Ghatabillod, Dhar
- ❖ M/s Ruchi Strips, Ghatabillod Dhar.



17. Closure order issued under HW (M&H) Rule, 1989 as Amended

S. No	Name of Industry	Closure order issued vide No. & Dated	Re open on dated
1.	M/s. Bhopal Sahakari Dugdha Sangh Mydt. Bhopal	143/ 29.10.05	266/25.01.06
2.	M/s. Goyal Batteries, Plot No. 10B, Industrial Area, Mandideep,	10915/ 30.06.04	14471/26.08.04
3.	M/s. Hindustan Petroleum Co. Ltd., Nishatpura Depot. Bhopal	10921/30.06.04	450/30.11.05
4.	M/s. Lupin Laboratories 198-202, New Industrial Area No. 2, Mandideep, Dist. Raisen	10917/30.06.04	11501/13.07.04
5.	M/s. Siddharth Soya Products Ltd., Harda, Dist. Hoshangabad	10937/30.06.04	13260/10.08.04
6.	M/s. Rajasthan Insecticides, Mandideep,, Dist. Raisen	10925/30.06.04	14497/26.08.04
7.	M/s. Standard Surfcaant Ltd., (Film Sulphomatin Division), 24-A, New Sector, Mandideep, Dist Raisen	19045/03.11.04	20572/25.11.04
8.	M/s. Parmali Wallace, Bhopal	3403/18.02.05	63/ 19.10.05
9.	M/s. Crompton Greaves Ltd., (Machine-7 Div.) D-5, Industrial Area, Mandideep, Dist. Raisen	730/08.03.06	1158/10.04.06
10.	M/s. Crompton Greaves (Transformer Div.-T-3) Manideep, Dist. Raisen	893/17.03.06	1192/10.04.06
11.	M/s. C.J. Geletine Mandideep, Dist. Raisen	08.03.07	10.07.07
12.	M/s. Narmada Petro Products, Govindpura, Bhopal	59/05.01.06	902/05.04.07
13.	M/s. Mansapuram Petrochemicals, Mandideep, Raisen	61/05.01.06	1235/25.05.07
14.	M/s. Combined Chemicals, Vidisha	14.09.06	20.11.06
15.	M/s. EEI Ltd., Govindpura	12.06.08	25.10.08
Regional office : Dhar.			
16.	M/s. Asiatic Petrochemicals, Exchange, Pithampur, Dist. Dhar	04.02.04	Closed
17.	M/s. Girnar Fibers Ltd., Plot No.	04.02.04	27.02.04

S. No	Name of Industry	Closure order issued vide No. & Dated	Re open on dated
	516 - 518, Sector-III, Pithampur, Dist. Dhar		
18.	M/s. Amir Chem Pvt. Ltd., Plot No. 41,42, Industrial Area, Pithampur, Dist. Dhar	04.02.04	01.04.04
19.	M/s. Combined Engineerings (P) Ltd., Pithampur, Dist. Dhar	11.02.04	01.03.04
20.	M/s. Prakash Paper Ind Ltd., Kalsara, KhDhar	07.02.04	Closed
21.	M/s. TVS Srichakra Ltd., Pithampur, Dhar	07.02.04	Closed
22.	M/s. Century Drugs (P) Ltd., Plot NO. 38, Sector-III, Pithampur, Dist. Dhar	04.02.04	01.03.04
23.	M/s. Gauraw Oil Ind. Kukshi, Dhar	07.02.04	19.05.04
24.	M/s. Hariom Kattha & Chemical, Dhar	207.02.04	Closed
25.	M/s. J.K. Quality Cotton Ind. Kucshi, Dhar	04.02.04	17.05.04
26.	M/s. Kowa Spinners Ltd., Dhamnood, Dhar	04.02.04	Closed
27.	M/s. Arya Filament Pvt. Ltd., Pithampur,	04.02.04	28.02.04
28.	M/s. Decora Tubes Ltd., WTP Division, Dhar	10.02.04	Closed
29.	M/s. G.C.S. Meta Organics Pithampur	04.02.04	Closed
30.	M/s. Narmada Detergent Ind. Ltd.Pithampur	07.02.04	Revoked
31.	M/s. Pithampur Poly Products, Dhar	04.02.04	26.02.04
32.	M/s. R .S. Electricals, Pithampur	04.02.04	01.03.04
33.	M/s. Resin & Pigments , Pithampur	04.02.04	28.02.04
34.	M/s. Sapna Polywel Pithampur	04.02.04	06.03.04
35.	M/s. Triveni Conductors Ltd., , Dhar	10.02.04	29.03.04
36.	M/s. Varun Cement Ltd.,Amjheta, Dhar	07.02.04	Closed
37.	M/s. Adi Chem Trade Pvt. Ltd.	18.06.04	05.08.04
38.	M/s. Indo Zinc Ltd.	18.06.04	Closed
39.	M/s. ZYG Pharma (P) Ltd.	30.06.04	22.07.04
40.	M/s. Jaya Hind Industries Ltd.	30.06.04	16.07.04
41.	M/s. Indo Micro Nutrients (P) Ltd.	30.06.04	02.09.04
42.	M/s. Khandelwal Herrman	30.06.04	Closed

S. No	Name of Industry	Closure order issued vide No. & Dated	Re open on dated
	Electronics		
43.	M/s. Triveni Shinton Internatinal Ltd, Dhar	24.07.04	10.08.04
44.	M/s. Asiatic Ultra Pigments, Dhar	26.07.04	07.08.04
45.	M/s. Shri Agrasen Oil Refinery, Dhar	29.07.04	10.08.04
46.	M/s. Pritibha Syntex Ltd., (Unit-II) Dhar	03.08.04	16.08.04
47.	M/s. Decora Tubes Ltd. (SS Divn.)	13.07.04	Closed
48.	M/s. Shipon Chemical (P) Ltd.	07.08.04	Revoke
49.	M/s. National Steel Ltd. (CRM Divn.) Dhar	01.09.04	10.09.04
50.	M/s. Alpine Industries Ltd., Dhar	13.07.04	Closed
51.	M/s. Angel Remedies Ltd., Dhar	16.08.04	13.09.04
52.	M/s. Standard Scrap Material, Dhar	01.09.04	Closed
53.	M/s. Anglo French Drugs Ltd., Dhar	02.09.04	22.09.04
54.	M/s. Sanghvi Asbestos (Unit-1), Dhar	20.09.04	30.10.04
55.	M/s. Rajratan Gustav Golf Ltd., Dhar	05.10.04	10.11.04
56.	M/s. Lloyed Insulation Ltd., (Super Sera Divn.) Dhar	05.10.04	25.10.04
57.	M/s. Metalman Ind. Ltd.,	05.10.04 05.09.06	18.11.04 27.01.07
58.	M/s. Man Ind. Ltd., (Alumimium Divn.)	05.10.04	10.11.04
59.	M/s. Bajaj Tempo Ltd., Dhar	28.09.04	15.10.04
60.	M/s. Raneka Industires, Pithampur,	27.10.04	02.12.04
61.	M/s. K.N. Chemicals, Pithampur, Dist. Dhar	08.11.04	Closed
62.	M/s. Harshwardhan Chemical, Jhabua	23-11.04	Revoke
63.	M/s. Hindustan Motor (PUP Div.) Pithampur,	29.11.04	13.12.04
64.	M/s. Spent Chemical	Aug. 2005	Closed
65.	M/s. Kinetic Motors, Pithampur,	07.01.05	22.1.05
66.	M/s. Raymond Ltd., (Unit-1) Pithampur	13.01.05	25.1.05
67.	M/s. Indore Wire Ltd., Pithampur, Dhar	20.04.05	03.01.06
68.	M/s. Eicher Motors Ltd.,	06.08.05	12.09.05

S. No	Name of Industry	Closure order issued vide No. & Dated	Re open on dated
	Pithampur		
69.	M/s. Prakash Industries (Picture Tube Div.)	22.08.05	16.09.05
70.	M/s. Aadi Chem , Pithampur, Dhar	24.08.05	10.03.06
71.	M/s. Indo Borax & Chemicals, Pithampur,	06.03.06	05.09.06
72.	M/s. Bhagirath Kanch Metal Frebics (P) Ltd., Pithampur, Dhar	30.09.05	21.12.05
73.	M/s. M.R.K. Pipe, Pithampur, Dhar	20.12.05	07.07.06
74.	M/s. Bridge Stones India Ltd., Pithampur, Dhar	19.01.06	10.03.06
75.	M/s. Jyoti lab. Pithampur, Dhar	20.12.07	09.04.08
76.	M/s. Flexituff International Ltd., SEZ, Pithampur, Dhar	09.09.08	23.10.08
Regional office : Guna			
77.	M/s. Goyal Pesticides Ltd., Vidisha	June-2004	05.08.04
78.	M/s. Anjali Solvent Ltd., Rajgarh	30.06.04	24.11.04
Regional office : Gwalior			
79.	M/s. Vaishno Food Product, Gwalior	04.02.04	13.05.04
80.	M/s. B.P. Food (P) Ltd., Gwalior	04.02.04	13.05.04
81.	M/s. Gulshan Industries, Gwalior	04.02.04	30.06.04
82.	M/s. Ankit Industries, Gwalior	04.02.04	Closed
83.	M/s. Moden Foundary & Petern Shop, Gwalior	07.02.04	17.06.04
84.	M/s. BEW Auto Parts, Gwalior	04.02.04	April 2004
85.	M/s. Sparkel Metal,	04.02.04	Closed
86.	M/s. Piyush Metals	30.06.04	07.10.04
87.	M/s. AVN Tubes Ltd.	30.06.04	25.11.04
88.	M/s. Vijay Techno Chem Banmore	30.06.04	30.09.04
89.	M/s. Dhingra Polychem Industries	30.06.04	07.10.04
90.	M/s. Atlas Cycle	24.07.04	10.08.04
91.	M/s. FCL , Mallanpur, Bhind	23.03.06	11.07.06
92.	M/s. Super Cassette, Malanpur, Bhind	28.05.07	03.08.07
93.	M/s. Rail Spring Karkhana, Malanpur, Bhind	16.07.07	15.11.07
Regional office : Indore			
94.	M/s. Ajanta Fabricators & Electroplating,	04.02.04	21.06.04
95.	M/s. Prakash Textile , ndore	07.02.04	25.5.05
96.	M/s. Purohit Pharma	11.02.04	Closed

S. No	Name of Industry	Closure order issued vide No. & Dated	Re open on dated
97.	M/s. Satyam Electroplaters, Indore	07.02.04	29.09.05
98.	M/s. Soni Electroplating, Indore	07.02.04	29.09.05
99.	M/s. Sunita Electroplating , Indore	07.02.04	18.06.04
100.	M/s. Power Battery , Indore	04.02.04	29.09.05
101.	M/s. Perfect Pharmaceuticals,	07.02.04	Closed
102.	M/s. Harshat Textile, Indore	07.02.04	Closed
103.	M/s. R.K. Engg. Indore	07.02.04	Closed
104.	M/s. Rainbow Drugs & Chemicals, Indore	07.02.04	29.09.05
105.	M/s. Ujjawal Soya & Chemicals, Indore	30.06.04	02.05.05
106.	M/s. M.P. Bright Bar Mfg. Ltd. Indore	30.06.04	29.09.05
107.	M/s. Shrinath Wires, Indore.	30.06.04	Closed
108.	M/s. Pioneer Dyeing & Printing , Indore	30.06.04	29.09.05
109.	M/s. R.G. Industries (P) Ltd., Indore	30.06.04	29.09.05
110.	M/s. K.D.M. Textile Processing & Consultant, Indore	30.06.04	29.09.05
111.	M/s. Agarwal Distilleries Pvt. Ltd., Khargone	07.10.04	23.11.04
112.	M/s. Parantal Drugs India Ltd., Indore	21.02.07	29.03.07
113.	M/s. Indira Export Ltd., Indore	19.12.07	15.04.08
114.	M/s. Manpreet Food Unit, Indore	12.05.08	11.11.08
115.	M/s. Metalman Industries, Indore	16.11.04	18.11.04
116.	M/s. BTA Cell Con Ltd., Indore	08.07.08	Closed
Regional office : Jabalpur			
117.	M/s. Keetnashak Aushadhi Nirman Sanyantra, Katni	30.06.04	21.07.04
118.	M/s. RPG Transmission Ltd., Deori Jabalpur	18/07/05	04/08/05
119.	M/s. Industrial Products , Chhindwara	31.08.05	Closed
120.	M/s. Kamla Chemical, Richhai,	31.08.05	07.03.06
121.	M/s. Bharat Petroleum, Jabalpur	19.01.06	Revoke
122.	M/s. Telecom Factory, Richhai, Jabalpur	17.09.07	19.10.07
Regional office : Rewa			
123.	M/s. South Eastern Coal Field Ltd.,(Baiga Open Cast Mine), Shahdol	30.06.04	28.07.04
124.	M/s. South Eastern Coal Field Ltd.,(Somna U.G. Mine), Hasdeo	1298/ 28.06.07	10.08.2007

S. No	Name of Industry	Closure order issued vide No. & Dated	Re open on dated
	Area, Bijuri Shahdol		
125.	M/s. A.B. Chemical, Narsarha, Shahdol	69/06.01.07	Closed
126.	M/s. Archson Chemicals, Narsarha, Shahdol	716/ 08.01.07	Closed
127.	M/s. Vinayak Chemicals, Budhar, Shahdol	696/ 07.03.07	Closed
128.	M/s. Sumangal Chemicals, Budhar, Shahdol	698/ 07.03.07	Closed
129.	M/s. Pinnacle Chemicals, Narsarha, Shahdol	1471 / 24.07.07	Closed
130.	M/s. J.P. Chemicals, Narsarha, Shahdol	1469/ 24.07.07	Closed
<i>Regional office : Sagar</i>			
131.	M/s. Madhya Bharat Agro Products Ltd., Sagar	30.06.04	29.11.04
132.	M/s. Jindal Chemical , Sagar	07.08.04	Closed
133.	M/s. Choudhary Chemicals, Sagar	29.07.04	Revoke
<i>Regional office : Ujjain</i>			
134.	M/s. Chamuda Standard, Dewas	07.02.04	29/05/04
135.	M/s. Dewas Fabrics, Dewas	26.07.04	Closed
136.	M/s. Rajaram Brothers , Mandsour	13.07.04	05.08.04
137.	M/s. Oil Well Industries, Ujjain	2207/05	Closed
138.	M/s. Gin India Oil, Ujjain	22.07.05	Closed
139.	M/s. SV Electricals, Dewas	25.05.05	23.09.05
140.	M/s. S.V. Industries, Dewas	18.07.05	Closed
141.	M/s. S. Kumar Ltd., Dewas	05.09.05	23.09.05
142.	M/s. Prestige Food Ltd., Dewas	21.10.05, 08.03.07	06.03.06, 04.05.07
143.	M/s. Prestige Soya, Dewas	02.01.07	30.03.07
144.	M/s. Gajra Differential Gears, Dewas	14.12.07	22.01.08

Total unit issued Closure Directions	--	144
Closure	--	35
Revoke	--	109

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