

INVENTORY  
OF  
HAZARDOUS WASTE GENERATING UNITS IN RAJASTHAN  
&  
ACTION TAKEN REPORT (Up to 30.6.2009)



RAJASTHAN STATE POLLUTION CONTROL BOARD  
4, Institutional Area, Jhalana Doongri, Jaipur, 302004

Submitted to  
Supreme Court Monitoring Committee  
(Ministry of Environment & Forest)  
Follow up actions on Supreme Court Directions dated 14/10/2003  
in the matter of Writ Petition (Civil) No. 657 of 1995

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**RAJASTHAN STATE POLLUTION CONTROL BOARD,  
4, INSTITUTIONAL AREA, JHALANA DOONGRI, JAIPUR**

**Action Taken Report of the Rajasthan State Pollution  
Control Board as on 30.6.2009**

**(In Compliance of orders of The Hon'ble Supreme Court of India, Dated  
14.10.2003 regarding Management of Hazardous Wastes)**

**1.0 Background:**

For management of hazardous waste in the country and for effective implementation of the Hazardous Waste (Management & Handling) Rules, 1989, a Writ Petition No. 657 of 1995 entitled Research Foundation for Science, Technology & Natural Resource Policy V/s. Union of India & other is pending before the Hon'ble Supreme Court of India. In compliance of the directions of the Hon'ble Supreme Court, a High Powered Committee (HPC) under the Chairmanship of Prof. M.G.K. Menon was constituted in 1997 by the Ministry of Environment & Forest. The HPC submitted its final report to Supreme Court in January, 2001. The report of HPC is quite comprehensive and deals with various aspects on the status of hazardous waste management in the country and issues relating to implementation of the provisions of the Environment Protection Act, 1986 & Hazardous Waste (Management & Handling) Rules, 1989, made there under. The court after having considered the recommendations made by the HPC in its report, passed a comprehensive order on 14.10.2003 and directed the concerned authorities to take follow up action in a time bound manner. The court also appointed a Monitoring Committee under the Chairmanship of Dr. G. Thayagarajan to monitor the compliance of directions passed by the Hon'ble Supreme Court. The monitoring committee, as directed by the court, is also required to submit quarterly report before the court regarding action taken by all concerned.

This Action Taken Report (ATR) is submitted herewith by the Rajasthan State Pollution Control Board (RSPCB) as follows:

## 2.0 Directions Passed By the Hon'ble Supreme Court:

The Hon'ble Supreme Court by order dated 14.10.2003 was pleased to issue various directions to the concerned authorities for effective implementation of the provisions of EPA & the rules made there under for proper management of hazardous waste. The court was pleased to order compliance of the directions within the specified period. The brief of the directions passed by the court relating to the State Board is as follows: -

S.No.	S.No. of the Schedule	Activity	Time Frame
01.	6	Closure directions to the units operating without any authorization or in violation of conditions of operations issued under HW Rules, 1989 as amended.	3 Weeks
02.	13.	Directions regarding display of relevant information on HW by concerned units	4 Weeks
03.	15.	Preparation of State/ UT inventories reg. HW generation by SPCBs/PCCs	3 Months
0.4	17.	Submission of the State/ UT Inventories regarding HW generation before this Hon'ble Court for preparation of National Inventory.	5 Months
05.	18.	Preparation of State/UT Inventories regarding waste dump sites and Rehabilitation Plan.	3 Months
06.	20.	Submission of the said inventory and Rehabilitation Plan before this Hon'ble Court	5 Months
07.	22.	Fixing time frame for implementation of Rehabilitation Plan by SPCBS/PCCS.	3 Months

### **3.0 Action Taken Report of RSPCB in Compliance of Directions:**

#### **3.1 Status of Authorization & Compliance of Closure Directions:**

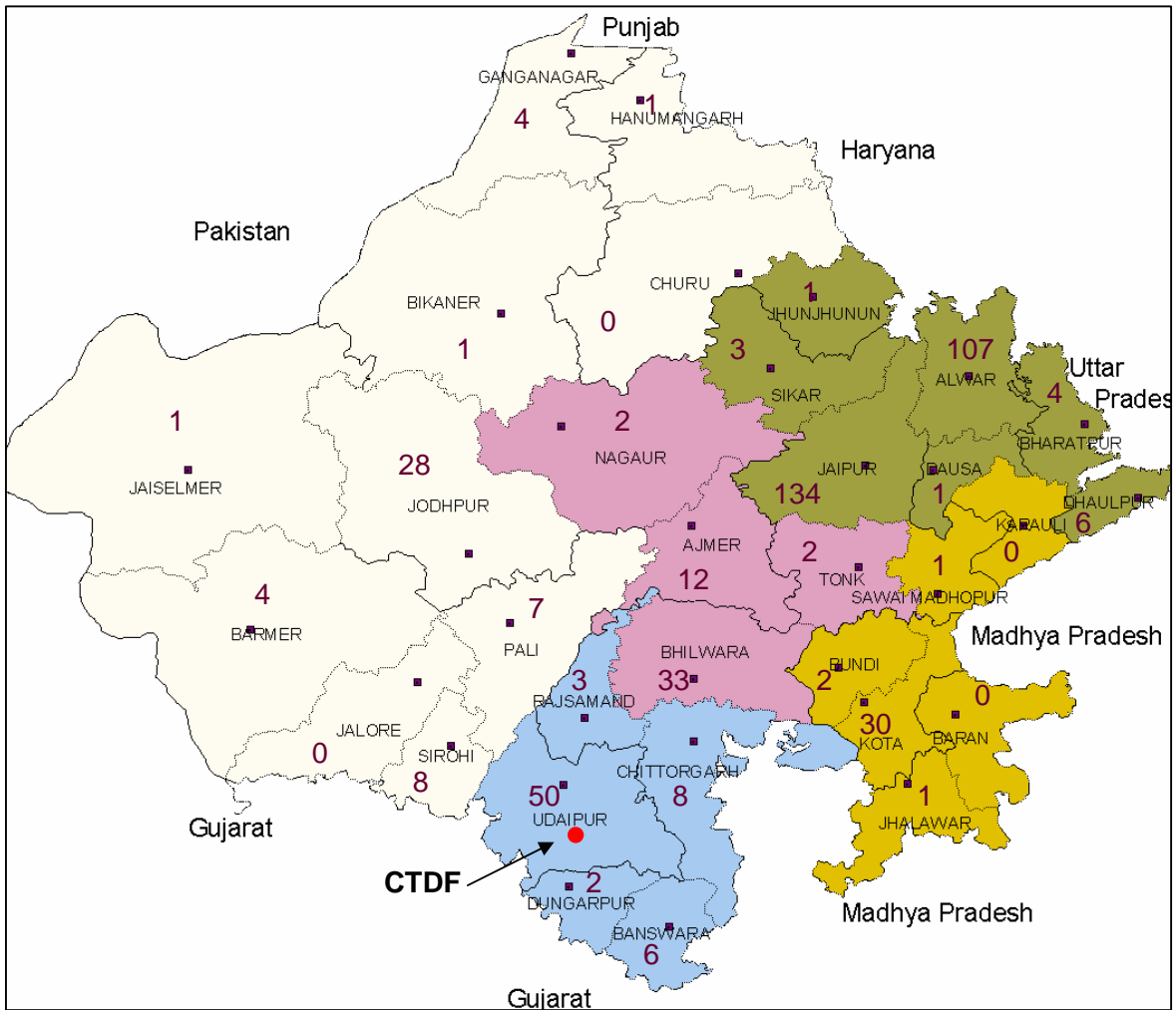
**3.1.0** Under the provisions of the Hazardous Waste (Management & Handling) Rules, 1989, the State Board had submitted the status of implementation of the rules in the State to the Hon'ble Supreme Court through its affidavit in July, 1997.

Hazardous Waste (Management & Handling) Rules, 1989 were subsequently superseded by Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008, vide notification dated 24/09/2008. The State Board is regularly conducting survey, inspections of hazardous waste generating units in light of the amended rules and presently identified 763 units up to 30/6/2009 which are covered under the Schedule "1" and "2" of the amended Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008.

Out of identified 763 industries, 117 industries are closed since long or dismantled or closed subsequent to the directions issued for violation of the provisions of EP Act 1986, 23 industries discontinued their hazardous waste generating process, 64 units of pharmaceutical/ pesticides formulation units which are generating bare minimum quantity of hazardous waste in form of off-specification products during formulation or expiry of products, 91 units generate spent oil from their D.G. Sets, compressors or system and 6 units are hazardous waste reprocessing facilities, they procure the hazardous waste but not generates the hazardous waste. Thus the number of potential hazardous waste generating units in the state is only 462.

Enlistment of the potential hazardous waste generating units in different sectors is summarized in Table 3.1. It is observed from the table 3.1 that Engineering, Textile, Secondary production of copper/ zinc Chemical, Steel rolling mills, Waste oil re-refiners and Petroleum Storage sectors constitute maximum number of hazardous waste generating units.

**Fig: 1- State Map showing total no. of Potential Hazardous Waste generating Unit in Districts**



**Total 462 Potential HWG Units**

**Table 3.1**  
**Sector wise Summary of Potential Hazardous Waste  
Generating Units in Rajasthan.**

<b>S.No.</b>	<b>Sector</b>	<b>Total Identified industries up to 30/06/2009</b>
1	Asbestos & Asbestos Products	20
2	Beneficiation of Ore	2
3	Cement	15
4	Ceramic	3
5	Chemical	41
6	Chlor alkali	2
7	Common Treatment Facility	6
8	Drugs & Pharmaceuticals	10
9	Dyes & Dye intermediate	19
10	Electronics	2
11	Engineering	85
12	Fertilizer	14
13	Mining	2
14	Paints, Varnish & Ink	2
15	Pesticides	1
16	Petrochemical	1
17	Petroleum Drilling / Storage	25
18	Primary production of Zinc/ Lead/ Copper	3
19	Secondary production of Metals	65
20	Steel rolling mills	27
21	Tanneries	9
22	Textile	75
23	Waste oil re-refiners	24
24	Miscellaneous	9
	<b>Total</b>	<b>462</b>

**Table 3.2**  
**District Wise Distribution of Potential Hazardous Waste Generating**  
**Units in Rajasthan**

<b>S.No</b>	<b>District</b>	<b>Identified industries up to 30/06/2009</b>
1	Ajmer	12
2	Alwar	107
3	Banswara	6
4	Baran	0
5	Barmer	4
6	Bharatpur	4
7	Bhilwara	33
8	Bikaner	1
9	Bundi	2
10	Chittorgarh	8
11	Dausa	1
12	Dholpur	6
13	Dungarpur	2
14	Hanumangarh	1
15	Jaipur	134
16	Jaisalmer	1
17	Jalore	0
18	Jhalawar	1
19	Jhunjhunu	1
20	Jodhpur	28
21	Kota	30
22	Nagaur	2
23	Pali	7
24	Rajsamand	3
25	S. Madhopur	1
26	Sikar	3
27	Sirohi	8
28	Sri Ganganagar	4
29	Tonk	2
30	Udaipur	50
31	Churu	0
32	Karauli	0
	<b>Total</b>	<b>462</b>



Table 3.3

## District/ Industrial sector wise Distribution of Potential Hazardous Waste Generating Units in Rajasthan

	Asbestos & Asbestos Product	Beneficiation of Ore	Cement	Ceramic	Chemical	Chlor alkali	Common Treatment Facility	Drugs & Pharmaceuticals	Dye & Dye intermediate	Electronics	Engineering	Fertilizer	Mining	Other	Ink	Pesticides	Petrochemical	Petroleum Drilling or Storage	of Zinc/ Copper/ Lead	production of Zinc/ Copper/ Lead	Steel rolling mills	Tanneries	Textile	Used/ Waste oil re-refiners	Total
Ajmer			1								1							3		7					12
Alwar			1		11	1	1	6	1		27			1	2	2				19	22		12	1	107
Banswara																							6		6
Baran																									0
Barmer							2											2							4
Bharatpur																		3		1					4
Bhilwara	1	1										3											27	1	33
Bikaner																				1					1
Bundi			1											1											2
Chittorgarh			4									2							1	1					8
Churu																									0
Dausa																								1	1
Dholpur					1															4			1		6
Dungarpur																							2		2
Hanumangarh																		1							1
Jaipur	18				12		1		3		47			2				6		4	1	7	18	15	134

	Asbestos & Asbestos Product	Beneficiation of Ore	Cement	Ceramic	Chemical	Chlor alkali	Common Treatment Facility	Drugs & Pharmaceuticals	Dye & Dye intermediate	Electronics	Engineering	Fertilizer	Mining	Other	Paints, Varnish & Ink	Pesticides	Petrochemical	Petroleum Drilling or Storage	Primary production of Zinc/ Copper/ Lead	Steel rolling mills	Tanneries	Textile	Used/Waste oil re-refiners	Total	
Jaisalmer																		1						1	
Jalore																								0	
Jhalawar																						1		1	
Jhunjhunu																			1					1	
Jodhpur			1		1		1		8		2			2				2		4	4		3	28	
Karauli																								0	
Kota			2	2	8	1				2	2			2				3		8				30	
Nagaur			1																		1			2	
Pali			2		1		1		1	1												1		7	
Pratapgarh																								0	
Rajsamand		1			1														1					3	
S. Madhopur																		1						1	
Sikar											1										1	1		3	
Sirohi			2						1								1		1			1	2	8	
Sri Ganganagar																			3			1		4	
Tonk											1											1		2	
Udaipur	1			1	6			4	5		3	7	2	1		1		3	1	11		3	1	50	
<b>Total</b>	<b>20</b>	<b>2</b>	<b>15</b>	<b>3</b>	<b>41</b>	<b>2</b>	<b>6</b>	<b>10</b>	<b>19</b>	<b>0</b>	<b>85</b>	<b>14</b>	<b>2</b>	<b>9</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>25</b>	<b>3</b>	<b>65</b>	<b>27</b>	<b>9</b>	<b>75</b>	<b>24</b>	<b>462</b>

### 3.1.1 District wise identification & inventory of potential hazardous waste generating industries

As per updated information 462 potential hazardous waste generating industries in Rajasthan are located in 28 districts out of total 33 districts in the State. Five districts namely Baran, Churu, Pratapgarh, Jalore and Karauli do not have any industry generating potential hazardous waste. The district wise distribution of potential hazardous waste generating industries is presented in Table 3.2. The District/ Industrial Sector wise distribution of potential hazardous waste generating industries is presented in Table 3.3. Inventory of potential hazardous waste generating units in Rajasthan is enclosed at Annexure-4

**3.2** The current status of the implementation of rules with potential hazardous waste generating industries in the State (As on 30/06/2009) is as under: -

<b><u>S.No.</u></b>	<b><u>Particulars of the Units</u></b>	<b><u>No. of Units</u> <u>(As on</u> <u>01/4/2008)</u></b>
I.	Total no. of Hazardous Waste generating units	462
II.	No. of units having valid authorization	335
III.	No. of units whose authorization application are under consideration.	43
IV.	No. of units whose authorization has expired recently	54
V.	No. of units whose authorization have been refused/ revoked	05
VI.	No. of units against which directions have been issued for non compliances	25

### 3.3 Difficulties experienced in taking decisions for issuance of authorization/ closure directions

#### **(A) Related with Combined Effluent Treatment Plants (CETPs):**

In the State, the major sector generating hazardous waste in form of chemicals residues & E.T.P. waste from textile units. are concentrated in western Rajasthan. In Pali, Jodhpur, Jasol, Bithuja & Balotra, the small scale textile units are connected with Combined Effluent Treatment Plants (CETP) where hazardous waste is generated in the form of chemical residue & ETP sludge. The CETPs at these places have been installed, commissioned & operated by the respective Trusts.

With continuous persuasion of the Board, the Trust of CETP Jodhpur, CETP Balotra, CETP Pali and CETP Bithuja & Jasol have obtained membership of CTSDF, Udaipur for disposal of sludge. The State Board has

granted authorization to the Trust, Pali for trial co-incineration of sludge of CETPs in the kiln of M/S J.K. Laxmi Cement, Pindwara, Sirohi and M/s Binani Cement, Abu Road, Sirohi. The CETP Balotra is also in the process of development of CTDF site for disposal of chemical sludge generated from the common treatment of the textile effluents at Pali, Jodhpur, Balotra, Jasol and Bithuja. The test runs at J.K. Laxmi Cement, Pindwara has already been completed and report were sent to Central Pollution Control Board for approval to use the ETP sludge in cement kilns for co-incineration.

### **3.4 Hazardous Waste Treatment, Storage & Disposal Facilities in The State :**

The potential hazardous waste generating units have made following arrangements for disposal of there hazardous waste.

- Number of Secured Land-fill Facilities (SLF) developed by individual units( 1 unit is also connected with CTDF) 12
- Number of incinerators provided by individual industrial units for incineration of hazardous waste (1 unit closed & 3 unit is connected with CTDF also). 7
- Number of units who are transporting the waste to cement kilns for co-incineration (5 Units are connected with CTDF also). 35
- Number of units transporting their waste to Common Treatment, Storage & Disposal Facilities at UCCI Udaipur 318
- Number of units who are treating their waste by bioremediation method. 17
- Number of units who are either reusing their waste or sold to the recyclers 68
- Number of units who have storage facility 12

It is pointed out that in the state a CTSDF is developed near Udaipur and few industries have closed their earlier developed Secured Landfill Facilities (SLF) and preferred to dispose-of their hazardous waste at CTSDF, Udaipur.

\*The lists of industries having SLF and/or incinerator is enclosed at Annexure 1

\*\* Out of 12 units, direction under section 5 of EP Act have been issued against 16 units and authorization of 1 unit is revoked, whereas remaining 1 units intends to recycling their waste in process and 1 textile unit is in the process to connect with CTDF at Udaipur.

### **3.5 Development of Common Treatment, Storage & Disposal Facilities (CTSDF) in State,**

To ensure the compliance of Hazardous Waste (Management & Handling) Rules 1989 and subsequent amendments, it was felt necessary to develop Common Treatment, Storage and Disposal Facility (CTSDF) for the scientific disposal of hazardous waste, generated by the various industries in the State.

Subsequent to pursuance of the State Board, Udaipur Chamber of Commerce and Industries (UCCI), Udaipur identified a site near Village Gudli, Teh Mavli Distt. Udaipur. The area of the site was 8 Hectares. The State Board took initiative for development of CTSDF and carried EIA study of the referred site through M/s. National Productivity Council (NPC) in the year 1996.

The State Board forwarded EIA report with recommendations to the State Govt. The State Govt, satisfied with recommendations of the State Board, set apart the site vide Gazette Notification No. SO 290 dated 1/12/97.

The UCCI subsequently constituted a Trust in 2002 named as Udaipur Industrial Waste Management and Research Centre (The Trust) under the Chairmanship of district Collector, Udaipur for development of disposal facility on set apart land. On request of the UCCI, the detailed feasibility for the development of Hazardous Waste Disposal Project was conducted by M/s. SENES Consultants Ltd. and M/s. HMJ Associates, Canada during the year 2002-2003. Besides, M/s SENES Consultant Ltd also conducted detailed EIA of the site, for development of disposal facility.

As per the provisions of section 8 (4) of HWMR, 1989, a public hearing was conducted on dated 7.5.2005 for approval of the site for development of disposal facility. The State Board forwarded the proceedings of the public hearing and EIA report to the State Govt. for approval of the site as required under section 8(5) of the rule. The State Government after examining the recommendations of the State Board, EIA report and record of the public hearing granted approval of the site under sections 8(6) of the rules vide letter dated 15.7.05.

Subsequent to approval of the site, the Trust submitted application for consent to establish under the provisions of Water Act, 1974 and Air Act, 1981 for establishment of disposal facility at the approved site under the name of Rajasthan Waste Management Trust. The State Board, after examination of applications granted consent to establish for development of disposal facility vide letter dated 28.7.05

The Trust subsequently selected M/s. Ramky Enviro Engineers Ltd. Hyderabad for development of disposal facility on BOT basis at envisaged cost of Rs. 18 Crores. The breakup of total capital cost as envisaged by M/s. Ramky is given as under: -

S.No.	Particulars	Rs. in Crore
1	Land & Building	1.50
2	Land fill Pits	6.50
3	Incinerator	6.00
4	Lab & Testing Equipments	1.00
5	Vehicles	1.00
6	Pre Operative expenses	0.85
7	Contingencies, working capital margin etc.	0.45
	<b>Total</b>	<b>18.00</b>

The work of development of 1<sup>st</sup> Phase of the CTSDF is completed and commissioned in the end of October 06. M/s. Ramky has also started collection of hazardous waste of the member industries for its disposal in the SLF developed with the facility. The State Board has also granted authorization vide letter dated 19/7/2006, which was extended on 3/10/2008 validity period upto 31/03/2011

M/s. Ramky also have to install incinerator of 2000 MTA capacity for incineration of incinerable hazardous waste. But the generation of such waste is very less and CTDF has received only 760 MT of such type of waste in two years, therefore the said incinerator has not been installed and request is being made by M/s Ramky to the State Board to give permission to send such waste to incinerator being installed by their sister concern at Bhopal in M.P..

### **3.6 Directions Regarding Display of relevant Information's on Hazardous Waste by Industrial Units.**

The State Board has issued directions to all the 462 identified potential hazardous waste generating units for display of relevant information on hazardous waste at their main gate for public awareness. The units have largely complied with the directions. Out of 462 hazardous waste generating operative units, the State Board has received proof in support of compliance from 459 units. The Board has issued directions of closure or revoked authorization to 3 units

### **3.7 Inventory of Hazardous Waste Generated In the State:**

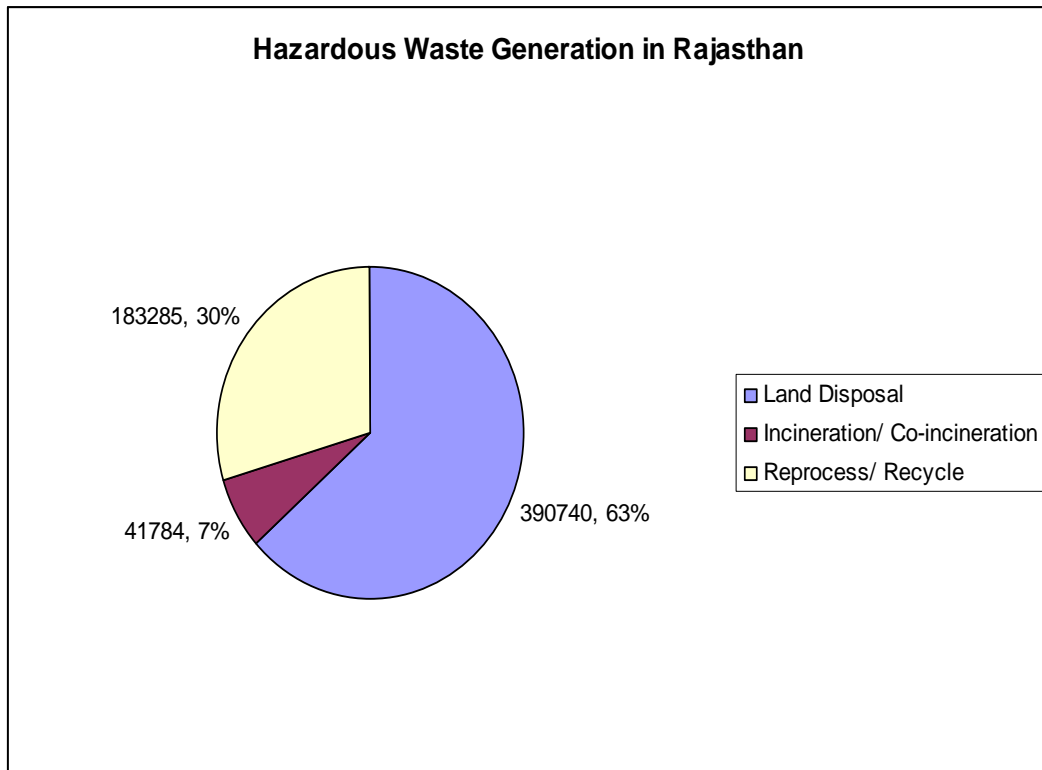
In the State there are 33 districts but only in 28 districts 462 industrial units have been identified generating potential hazardous waste as per provisions of the rules. The district wise generation of hazardous waste & its disposal practices is given in Annexure-2 and Sector wise generation of hazardous waste & its disposal practices is given in Annexure-3. The State Board has prepared detailed inventory of hazardous waste generated as per the suggested guidelines of CPCB, which is enclosed as annexure-5.

The details of generation of hazardous waste in different schedule as specified under HWMR-89 & their disposal practices are as under:

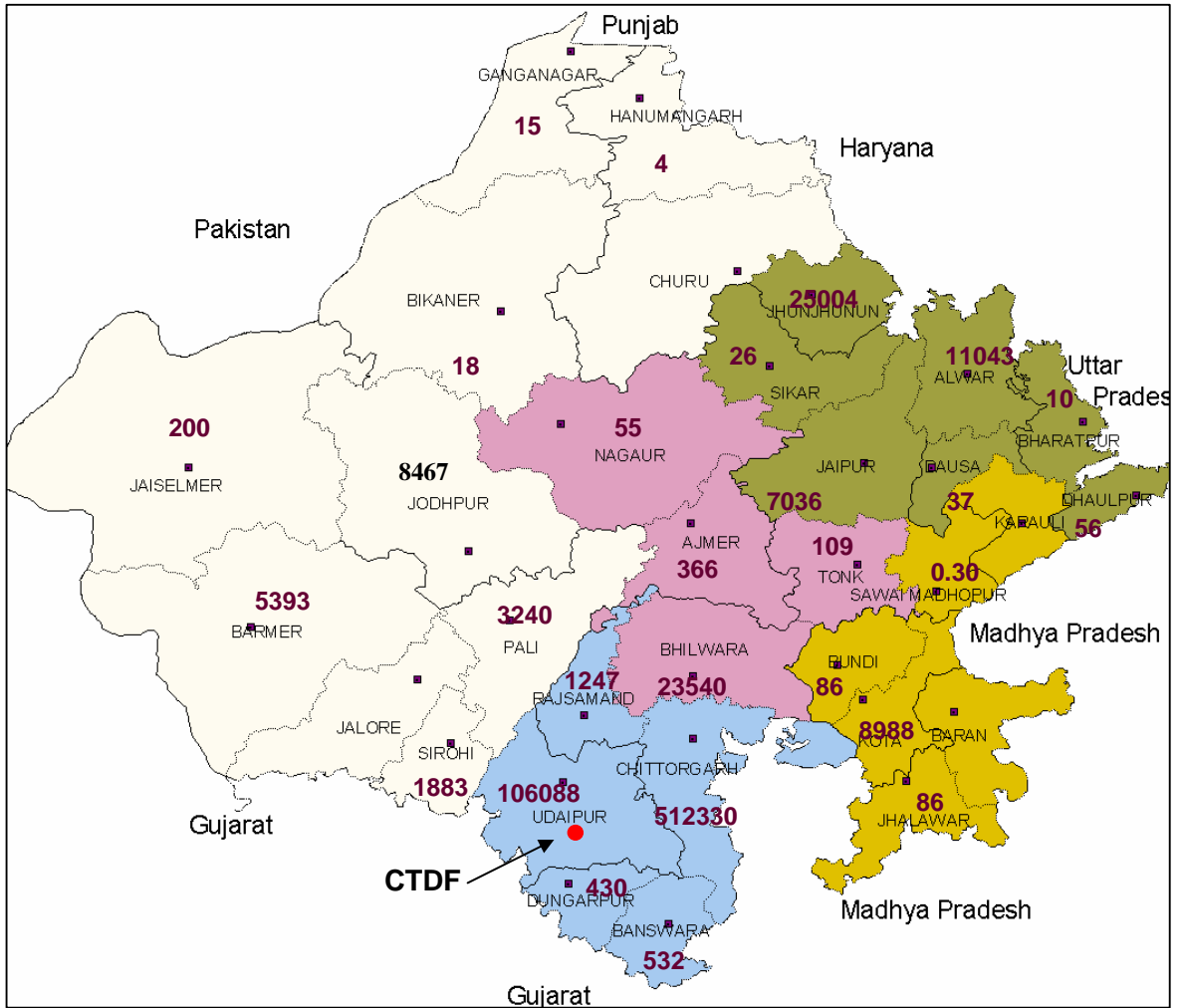
**(A)** Hazardous waste generation in potential hazardous waste generating units

Hazardous Waste Generation	Quantity (MTA)
1-Schedule- 1	548412
2- Schedule- 2	67397
Total	615809

Hazardous Waste Generation	Quantity (MTA)
1-Land Disposal	390740
2-Incineration/ Co-incineration	41784
3-Reprocess/ Recycle	183285
4-Discarded Containers (in numbers)	98911
Total (1 to 3)	615809



**Fig: 3 - State Map showing Hazardous Waste Generation in Districts**



**Total Generation 615809 MTA**



- (B) Hazardous waste disposal practices in potential hazardous waste generating units

Hazardous Waste Disposal Practices	Quantity (MTA)
1- Bioremediation	223
2- Co-incineration	34237
3- CTDF Udaipur	20482
4- Incineration	8527
5- Reuse in Process	144772
6- SLF (Captive)	369900
7- Sold to registered recyclers/ used in cement kiln	37529
8- Storage	139
Total	615809

- (C) It is pointed out that in the last ATR (upto March 08) the quantity of hazardous waste was reported 2,72,867 MT per annum from the industries of the State excluding the quantity of 34,46,049 MTA generated by the units of Hindustan Zinc Limited. After amendment in the Rules this quantity is reduced to 615809 MTA and the hazardous waste generate from the units of Hindustan Zinc Limited is 437859 MTA. Thus the total quantity of hazardous waste generated in the State other then the units of Hindustan Zinc Limited is only 1,77,950 MTA (quantity of Schedule- I is 1,35,075 MTA and Schedule- 2 is 42,875 MTA). Out of 1,77,950 MTA waste 23,754 MTA (13.3% of total waste) is land disposable, 34995 MTA (19.7 % of total waste) is incinerable and 1,19,202 MTA (67% of total waste) is reprocessable. The District wise hazardous waste generation in Rajasthan other then the units of M/s Hindustan Zinc Limited is given at annexure- 4.
- (D) It is pointed out that in the last ATR (up to March-08) the quantity of the incinerable hazardous waste was reported as 13903.6 MTA. In view of taking advantage for the recovery of energy from high calorific value hazardous waste, particularly chemical sludge from waste water treatment as well as to ensure the ultimate disposal of such hazardous waste by co-incineration in the cement kilns, the effluent treatment plant sludge having high calorific value is being diverted to cement industries for co-incineration into the kilns as per guidelines of CPCB. The 34237 MTA is presently is co-incinerated in the cement kilns of M/s Aditya Cement Chittorgarh, Binani Cement and J.K. Cement and therefore classified under co-incineration disposal practices in place of earlier practice of land disposal. Similarly the reprocessable hazardous waste was reported as 37529 MTA. In view of taking advantage for the recovery of from hazardous waste to ensure the ultimate disposal of such hazardous waste

by utilization in the cement kilns, the lead-zinc slag is also being diverted to cement industries for co-incineration into the kilns as per guidelines of CPCB.

#### **4.1 Submission of Inventory of Hazardous Waste Generated in the State to the Hon'ble Supreme Court:**

The detailed inventory of hazardous waste generated has been prepared by the State Board & is being submitted before the Monitoring Committee of the Hon'ble Supreme Court.

#### **4.2 Preparation of Inventory of waste dumpsites in the State & Rehabilitation Plan:**

The State Board has identified only one hazardous waste dump site in the State at Bichhadi, Udaipur. M/s Hindustan Agro Chemicals Ltd., Bichhadi, Udaipur was in operation up to 1996 & discharged/dumped its hazardous waste generated by it and its subsidiary units namely M/s Silver Chemicals, M/s Jyoti Chemicals, M/s Phosphate India & M/s Rajasthan Multi Fertilizers in and around the premises of the industry. These units were manufacturing H-Acid, Sulphuric Acid, Oleum, Chloro sulphonic Acid, Phosphatic Fertilizers & other chemical. The units were closed down by the orders dated 13.2.1996 of the Hon'ble Supreme Court of India in the Writ Petition Civil No. 967/89- Indian Council for Environmental Action V/s. Union of India & others. The task of remediation of the environment & of rehabilitation of the affected area is being performed by the Ministry of Environment & Forest, Government of India as per directions passed by the Hon'ble Supreme Court in the aforesaid Writ Petition & various Interim Applications filed before the Hon'ble Supreme Court in the above cited matter. The Ministry of Environment & Forest, Govt. of India had got the feasibility study conducted for remediation of the contaminated environment in Village, Bichhadi & Surrounding areas through a consortium of consultants i.e. NEERI & M/s SENES Consultants Ltd., Canada.

The matter is pending before the Hon'ble Supreme Court. The Hon'ble Court, during hearing in the matter on 27-04-2006, directed the MoE&F to determine the scope of work on the basis of reports already submitted before the court and proceed further for remediation as per the time schedule fixed by it. The Hon'ble Court on 27-04-2006 further directed that the matter be fixed for hearing after 11-08-2006 before the appropriate bench in order to ensure that the program is strictly followed.

#### **4.3 Submission of said Inventory & Rehabilitation Plan before the Hon'ble Court.**

The State Board has identified only one hazardous waste dump site in the State at Bichhadi, Udaipur. M/s Hindustan Agro Chemicals Ltd., Bichhadi, Udaipur was in operation up to 1996 & discharged/dumped its

hazardous waste generated by it and its subsidiary units namely M/s Silver Chemicals, M/s Jyoti Chemicals, M/s Phosphate India & M/s Rajasthan Multi Fertilizers in and around the premises of the industry. These units were manufacturing H-Acid, Sulphuric Acid, Oleum, Chloro sulphonic Acid, Phosphatic Fertilizers & other chemical. The units were closed down by the orders dated 13.2.1996 of the Hon'ble Supreme Court of India in the Writ Petition Civil No. 967/89- Indian Council for Environmental Action V/s. Union of India & others. The task of remediation of the environment & of rehabilitation of the affected area is being performed by the Ministry of Environment & Forest, Government of India as per directions passed by the Hon'ble Supreme Court in the aforesaid Writ Petition & various Interim Applications filed before the Hon'ble Supreme Court in the above cited matter. The Ministry of Environment & Forest, Govt. of India had got the feasibility study conducted for remediation of the contaminated environment in Village, Bichhadi & Surrounding areas through a consortium of consultants i.e. NEERI & M/s SENES Consultants Ltd., Canada.

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The MOE&F, thereafter, moved on an interim application No. 43/06, wherein it is prayed that order dated 27/04/2006 passed by the Hon'ble Supreme Court be modified and four months time could be granted to carry out study to determine the existing level of pollutants in the soil and ground water at the Bichhadi. The Hon'ble Supreme Court during hearing in the matter on 22/09/2006 acceded to the prayer of MoE&F. The MoE&F intended to ascertain as following:-

- (a) Prevailing concentration of H-Acid and its derivatives in the impacted area;
- (b) Whether at these concentrations there is any significant risk to the human health;
- (c) If so, whether any feasible remediation technology exists for address the problem.

In compliance of the direction of the Hon'ble Court, the MoE&F has submitted its report vide affidavit dated 22<sup>nd</sup> January 2007 for the consideration of Hon'ble Court.

The MoEF in its affidavit dated 8/3/2007 has stated that the H Acid and its derivatives are not present in the soils of Bichhadi Village and are also not the cause of the Color of the soil. The MoEF in its affidavit dated

18/9/2007 has further stated that the pollution of the H Acid and its derivatives, if any earlier, in ground and soil of Bichhadi village have undergone change due to natural alternation during the intervening period. The matter is pending consideration of the Hon'ble court and the case is likely to be heard in August, 2009

#### **4.4 Fixing time frame for implementation of Rehabilitation Plan by SPCB/ PCCs.**

The State Board has identified only one hazardous waste dump site in the State at Bichhadi, Udaipur. M/s Hindustan Agro Chemicals Ltd., Bichhadi, Udaipur was in operation up to 1996 & discharged/dumped its hazardous waste generated by it and its subsidiary units namely M/s Silver Chemicals, M/s Jyoti Chemicals, M/s Phosphate India & M/s Rajasthan Multi Fertilizers in and around the premises of the industry. These units were manufacturing H-Acid, Sulphuric Acid, Oleum, Chloro sulphonic Acid, Phosphatic Fertilizers & other chemical. The units were closed down by the orders dated 13.2.1996 of the Hon'ble Supreme Court of India in the Writ Petition Civil No. 967/89- Indian Council for Environmental Action V/s. Union of India & others. The task of remediation of the environment & of rehabilitation of the affected area is being performed by the Ministry of Environment & Forest, Government of India as per directions passed by the Hon'ble Supreme Court in the aforesaid Writ Petition & various Interim Applications filed before the Hon'ble Supreme Court in the above cited matter. The Ministry of Environment & Forest, Govt. of India had got the feasibility study conducted for remediation of the contaminated environment in Village, Bichhadi & Surrounding areas through a consortium of consultants i.e. NEERI & M/s SENES Consultants Ltd., Canada.

The matter is pending before the Hon'ble Supreme Court. The Hon'ble Court, during hearing in the matter on 27-04-2006, directed the MoE&F to determine the scope of work on the basis of reports already submitted before the court and proceed further for remediation as per the time schedule fixed by it. The Hon'ble Court on 27-04-2006 further directed that the matter be fixed for hearing after 11-08-2006 before the appropriate bench in order to ensure that the program is strictly followed.

The MOEF, thereafter, moved on an interim application No. 43/06, wherein it is prayed that order dated 27/04/2006 passed by the Hon'ble Supreme Court be modified and four months time could be granted to carry out study to determine the existing level of pollutants in the soil and ground water at the Bichhadi. The Hon'ble Supreme Court during hearing in the matter on 22/09/2006 acceded to the prayer of MoE&F. The MoE&F intended to ascertain as following:-

- (a) Prevailing concentration of H-Acid and its derivatives in the impacted area;
- (b) Whether at these concentrations there is any significant risk to the human health;
- (c) If so, whether any feasible remediation technology exists for address the problem.

In compliance of the direction of the Hon'ble Court, the MoEF has submitted its report vide affidavit dated 22<sup>nd</sup> January 2007 for the consideration of Hon'ble Court.

#### **4.5 Application For Extension of Time For Compliance of Directions:**

The State Board & the State Government has filed an Interim application on 21.1.2004 in the matter of WP. civil no. 657/95 Research Foundation for Science, Technology & Natural Resource Policy V/s. Union of India & others, for extension of time for compliance of directions passed by the Hon'ble Supreme Court on 14.10.2003. The Hon'ble court has not, thus far, passed any order on the said application.

#### **4.6 Compliance the suggestions made By the Monitoring Committee of Hon'ble Supreme Court in Third Meeting at Gandhinagar (Gujarat) from 23-25, February, 2004.**

As suggested by the Monitoring Committee in the third meeting at Gandhinagar, the State Board has already requested the State Government vide its letter dated 31.3.2004 to provide subsidy for development of CTSDFs by way of either capital subsidy or by providing land at subsidized cost on the pattern adopted in Gujarat, Maharashtra & A.P. by referring a specific case of CTSDF at Udaipur.

## Annexure 1

List of Industries which have developed Secured Land-fill Facilities (SLF)/ Incinerator at individual level

<b>S.No.</b>	<b>District</b>	<b>Name of the Industry</b>	<b>Facility</b>
1	Alwar	Lords Chloro Alkalied Ltd	SLF
2	Alwar	Ranutrol India Ltd.	SLF
3	Alwar	SRF Ltd	SLF
4	Bhilwara	Hindustan Zinc Limited (Rampura Agoocha Mines)	Tailing Dam
5	Chittorgarh	Hindusthan Zinc Ltd. (Chanderia)	SLF
6	Kota	Shri Ram Chemical & Fertilizers	SLF
7	Rajsamand	Hindustan Zinc Ltd. (Rajpura Dariba Mines)	Tailing Dam
8	Udaipur	Hindustan Zinc Ltd ( Zawar Mines)	Tailing Dam
9	Udaipur	Hindustan Zinc Ltd.(Debari)	SLF & Jarosite disposal facility
10	Udaipur	Rose Zinc Ltd.	SLF
11	Jaipur	Continental Petroleum Ltd., Behror(Connected with CTDF also)	Common Incinerator
12	Alwar	Seigwerk India Pvt. Ltd	Incinerator
13	Dholpur	Rajasthan Explosive & Chemical	Incinerator
14	Jaipur	Indomax Chemicals(Connected with CTDF also)	Incinerator
15	Jaipur	Mahandra & Mahendra (Connected with CTDF also)	Incinerator
14	Jodhpur	Penta Capsules Ltd. (Closed)	Incinerator
15	Alwar	Gillette India Ltd.	Incinerator

## District Wise Hazardous Waste Generation in Rajasthan

SNo.	District	Hazardous Waste Generation			Hazardous Waste Disposal				Percentage	Discarded Containers
		Schedule1	Schedule2	Total	Land Disposable	Incinerable	Recyclable	Total		
		(MTA)	(MTA)	(MTA)	(MTA)	(MTA)	(MTA)	(MTA)		(Numbers)
1	Ajmer	365.6		365.6	31.5		334.1	365.6	0.06	
2	Alwar	11042.5	0.8	11043.3	7934.6	1932.1	1176.5	11043.3	1.79	19125
3	Banswara	531.9		531.9	385.5	120.0	26.4	531.9	0.09	7500
4	Baran							0.0	0.00	
5	Barmer	5393.0		5393.0	4660.5	700.0	32.5	5393.0	0.88	
6	Bharatpur	9.9		9.9	7.9		2.0	9.9	0.00	
7	Bhilwara	19884.4	3655.8	23540.2	18.9	17980.0	5541.3	23540.2	3.82	47252
8	Bikaner	18.0		18.0	9.0		9.0	18.0	0.00	
9	Bundi	86.1		86.1	6.0		80.1	86.1	0.01	
10	Chittorgarh	397113.9	115216.5	512330.4	465341.8	100.0	46888.6	512330.4	83.20	1400
11	Churu							0.0	0.00	
12	Dausa	37.3		37.3	0.3	37.0		37.3	0.01	
13	Dholpur	56.3		56.3	22.1	1.5	32.7	56.3	0.01	30
14	Dungarpur	430.0		430.0	250.0	30.0	150.0	430.0	0.07	200
15	Hanumangarh	3.5		3.5			3.5	3.5	0.00	
16	Jaipur	6636.0	400.0	7036.0	2767.6	3080.4	1188.0	7036.0	1.14	5794
17	Jaisalmer	200.0		200.0	200.0			200.0	0.03	
18	Jalore							0.0	0.00	

S.No,	District	Hazardous Waste Generation			Hazardous Waste Disposal			Percentage	Discarded Containers (Numbers)	
		Schedule1	Schedule2	Total	Land Disposable	Incinerable	Recyclable			Total
		(MTA)	(MTA)	(MTA)	(MTA)	(MTA)	(MTA)			(MTA)
19	Jhalawar	86.0		86.0	66.0		20.0	86.0	0.01	850
20	Jhunjhunu	25003.6		25003.6			25003.6	25003.6	4.06	
21	Jodhpur	7866.7	600.0	8466.7	71.3	5174.8	3220.6	8466.7	1.37	165
22	Karauli							0.0	0.00	
23	Kota	2276.0	6712.0	8987.9	1141.2	0.2	7846.6	8987.9	1.46	8600
24	Nagaur	54.5		54.5	1.5		53.0	54.5	0.01	
25	Pali	3240.3		3240.3	70.1	3000.0	170.2	3240.3	0.53	
26	Pratapgarh							0.0	0.00	
27	Rajsamand	47.4	1200.0	1247.4	1200.1	0.5	46.8	1247.4	0.20	1382
28	S. Madhopur	0.3		0.3			0.3	0.3	0.00	
29	Sikar	25.8		25.8	25.8			25.8	0.00	
30	Sirohi	1883.4		1883.4	1523.6		359.7	1883.4	0.31	360
31	Sri Ganganagar	14.8		14.8	13.2		1.6	14.8	0.00	120
32	Tonk	109.3		109.3	6.6	100.0	2.7	109.3	0.02	522
33	Udaipur	86475.7	19612.0	106087.7	5465.1	9527.1	91095.6	106087.7	17.23	5611
	<b>Total</b>	<b>548412</b>	<b>67397</b>	<b>615809</b>	<b>390740</b>	<b>41784</b>	<b>183285</b>	<b>615809</b>	<b>100</b>	<b>98911</b>



## Sector Wise Hazardous Waste Generation in Rajasthan

SN.	Sector	Hazardous Waste Generation			Hazardous Waste Disposal			Total	Percentage	Discarded Containers (Numbers)
		Schedule1	Schedule2	Total	Land Disposable	Incinerable	Recyclable			
		(MTA)	(MTA)	(MTA)	(MTA)	(MTA)	(MTA)	(MTA)		
1	Asbestos & Asbestos Product	741.1		741.1	463.7		277.4	741.1	0.12	
2	Beneficiation of Ore	185.1		185.1	0.1		185.0	185.1	0.03	5250
3	Cement	1223.5		1223.5		50.0	1173.5	1223.5	0.20	
4	Ceramics	387.1	80.5	467.6	443.5		24.1	467.6	0.08	4200
5	Chemical	1565.2	510.2	2075.4	1268.6	17.1	789.6	2075.4	0.34	9976
6	Chloralkali	6446.4	120.0	6566.4	5057.7	0.1	1508.6	6566.4	1.07	2050
7	Common Treatment Facility	9327.0		9327.0	603.0	8700.0	24.0	9327.0	1.51	
8	Drugs & Pharmaceuticals	25.7		25.7	22.4		3.3	25.7	0.00	240
9	Dye & Dye intermediate	220.1		220.1	196.6		23.4	220.1	0.04	
10	Engineering	3399.0	409.0	3808.1	1813.8	1150.7	843.5	3808.1	0.62	8927
11	Fertilizer	36816.1	39853.3	76669.4	18.3		76651.1	76669.4	12.45	500
12	Mining	69.0		69.0		20.0	49.0	69.0	0.01	
13	Other	30.3		30.3	19.0	0.8	10.5	30.3	0.00	200

SN.	Sector	Hazardous Waste Generation			Hazardous Waste Disposal			Total	Percentage	Discarded Containers (Numbers)
		Schedule-1	Schedule-2	Total	Land Disposable	Incinerable	Recyclable			
		(MTA)	(MTA)	(MTA)	(MTA)	(MTA)	(MTA)	(MTA)		
14	Paints, Varnish & Ink	376.8		376.8	3.6	330.0	43.2	376.8	0.06	4550
15	Pesticides	1049.5		1049.5	854.5	187.5	7.6	1049.5	0.17	
16	PetroChemical	1.0		1.0	0.2		0.8	1.0	0.00	360
17	Petroleum Drilling/ Storage	4890.8		4890.8	4841.9	5.0	43.9	4890.8	0.79	215
18	Primary production of Zinc/ Lead/ Copper	438151.1	24522.0	462673.1	366986.0	6789.0	88898.1	462673.1	75.13	1525
19	Secondary production of Metals	13518.9	1902.1	15421.0	4887.9		10533.1	15421.0	2.50	400
20	Steel rolling mills	131.8		131.8	121.7		10.1	131.8	0.02	
21	Tanneries	92.8		92.8	92.8			92.8	0.02	
22	Textile	21305.3		21305.3	1048.7	18101.0	2155.6	21305.3	3.46	60518
23	Used/Waste oil rerefiners	8458.6		8458.6	1996.3	6432.3	30.0	8458.6	1.37	
	<b>Total</b>	<b>548412</b>	<b>67397</b>	<b>615809</b>	<b>390740</b>	<b>41784</b>	<b>183285</b>	<b>615809</b>	<b>100</b>	<b>86933</b>

## Annexure-4

## District Wise Hazardous Waste Generation in Rajasthan other than the units of M/s Hindustan Zinc Limited, Rajasthan

SNo.	District	Hazardous Waste Generation			Hazardous Waste Disposal				Percentage	Discarded Containers (Numbers)
		Schedule1	Schedule2	Total	Land Disposable	Incinerable	Recyclable	Total		
		(MTA)	(MTA)	(MTA)	(MTA)	(MTA)	(MTA)	(MTA)		
1	Ajmer	365.59		365.59	31.54		334.05	365.6	0.21	
2	Alwar	11042.505	0.75	11043.26	7934.623	1932.12	1176.512	11043.3	6.21	19125
3	Banswara	531.9		531.9	385.5	120	26.4	531.9	0.30	7500
4	Baran							0.0	0.00	
5	Barmer	5393		5393	4660.5	700	32.5	5393.0	3.03	
6	Bharatpur	9.9		9.9	7.9		2	9.9	0.01	
7	Bhilwara	19719.368	3655.8	23375.17	18.915	17980	5376.253	23375.2	13.14	47252
8	Bikaner	18		18	9		9	18.0	0.01	
9	Bundi	86.1		86.1	6		80.1	86.1	0.05	
10	Chittorgarh	35944.35	10694.5	46638.85	19.75	50	46569.1	46638.9	26.21	1400
11	Churu							0.0	0.00	
12	Dausa	37.3		37.3	0.3	37		37.3	0.02	
13	Dholpur	56.34		56.34	22.12	1.5	32.72	56.3	0.03	30
14	Dungarpur	430		430	250	30	150	430.0	0.24	200
15	Hanumangarh	3.5		3.5			3.5	3.5	0.00	
16	Jaipur	6635.962	400	7035.962	2767.582	3080.38	1188	7036.0	3.95	5794
17	Jaisalmer	200		200	200			200.0	0.11	
18	Jalore							0.0	0.00	

S.No,	District	Hazardous Waste Generation			Hazardous Waste Disposal			Percentage	Discarded Containers (Numbers)	
		Schedule1	Schedule2	Total	Land Disposable	Incinerable	Recyclable			Total
		(MTA)	(MTA)	(MTA)	(MTA)	(MTA)	(MTA)			(MTA)
19	Jhalawar	86		86	66		20	86.0	0.05	850
20	Jhunjhunu	25003.6		25003.6			25003.6	25003.6	14.05	
21	Jodhpur	7866.701	600	8466.701	71.261	5174.8	3220.64	8466.7	4.76	165
22	Karauli							0.0	0.00	
23	Kota	2275.96	6711.985	8987.945	1141.19	0.2	7846.555	8987.9	5.05	8600
24	Nagaur	54.5		54.5	1.5		53	54.5	0.03	
25	Pali	3240.32		3240.32	70.08	3000	170.24	3240.3	1.82	
26	Pratapgarh							0.0	0.00	
27	Rajsamand	27.3	1200	1227.3	1200	0.5	26.8	1227.3	0.69	1382
28	S. Madhopur	0.3		0.3			0.3	0.3	0.00	
29	Sikar	25.8		25.8	25.8			25.8	0.01	
30	Sirohi	1883.35		1883.35	1523.61		359.74	1883.4	1.06	360
31	Sri Ganganagar	14.8		14.8	13.24		1.56	14.8	0.01	120
32	Tonk	109.31		109.31	6.61	99.98	2.72	109.3	0.06	522
33	Udaipur	14013.72	19612.02	33625.74	3321.06	2788.1	27516.58	33625.7	18.90	5611
	<b>Total</b>	<b>135075</b>	<b>42875</b>	<b>177951</b>	<b>23754</b>	<b>34995</b>	<b>119202</b>	<b>177951</b>	<b>100</b>	<b>98911</b>

District Wise Hazardous Waste Generation in Rajasthan											
SNo	Name of the Industry	Village	Product	HWG Sch-1	HWG Sch-2	Quantity Sch-1	Quantity Sch-2	Land Disposable	Incinerable	Reproducible	Discarded Containers
						(MTA)	(MTA)	(MTA)	(MTA)	(MTA)	
<b>District: Ajmer</b>											
1	Shree Cement Limited	Beawar	Cement	5.1		100				100	
2	HMT Ltd.	Ajmer	Cutting Machine Tools	5.1		0.2				0.2	
				14.2		0.06		0.06			
3	Ajmer Lead Refinery	Gagwana	Lead Ingot	9.2		0.7				0.7	
				9.1		0.3		0.3			
4	Anjeneya Metal Corporation	Ajmer		9.1		8		8			
				9.2		120				120	
5	Asawa Industry	Gegal		9.2		0.4				0.4	
				9.1		4		4			
6	Mahavir Industries	Ajmer		9.2		1.2				1.2	
				9.2		6				6	
7	Shree Balaji Metals Works	Sindaria		9.1		4		4			
				9.2		60.75				60.75	
8	Shree Mahaveer Industries	Ajmer		9.1		1.68		1.68			
				9.2		37.8				37.8	
9	Shree Radhay Industries	Gegal		9.1		1.5		1.5			
				9.2		1				1	
10	Gail (India) Limited	Dilwari	LPG pipe line	5.1		3				3	
11	Indian Oil Corporation Dori	Ajmer	Petroleum Storage	3.1		3				3	
12	Bharat Petroleum Corporation Ltd,	Durai	Petroleum Storage	5.1		2		2			
				5.2		10		10			

District: Alwar										
13	Sanganeria Spinning Mills Ltd.	Neemrana	Synthetic yarn	34.3		30		30		
				33.3						60
				5.1		5				5
14	General Mercantile Industries	Khushkeda	Aerial Towers	34.3		0.12		0.12		
15	Deepak Aerosols Ltd	Bhiwadi	Aluminium Ferruls	34.3		1		1		
16	Getrag Hi-Tech Gears Ltd.	Bhiwadi	Auto Parts	5.1		1.5				1.5
				5.2		0.45		0.45		
17	High-Tech Gears Ltd.	Bhiwadi		5.1		5				5
				33.3						300
				5.2		2			2	
				34.3		0.35		0.35		
18	Balkrisna Industres Ltd. (Unit-II)	Chopanki	Automotive Tyres	34.3		0.1		0.1		
				5.1		9.6				9.6
19	Alka Remedies Pvt. Ltd.	Bhiwadi	Basic Drug	34.3		2		2		
20	Asiatic Drugs & Pharma (P) Ltd.	Bhiwadi		34.3		0.18		0.18		
				5.1		0.06				0.06
21	Dalas Biotech Ltd.	Bhiwadi		5.1		1.5				1.5
				34.3		3		3		
				28.1		10		10		
22	Rajasthan Antibiotics	Bhiwadi		33.3						240
				5.1		0.1				0.1
				28.1		0.15		0.15		
23	Shanti Drugs Pvt Ltd	Bhiwadi		28.1		0.125		0.125		
				5.1		0.06				0.06
24	Jaguar & Co. Ltd.	Bhiwadi	Bath Fittings	5.1		0.9				0.9
				34.3		7.5		7.5		
25	Parryware Roca Pvt. Ltd,	Chopanki		34.3		15		15		
				5.1		0.4				0.4

26	Protech Galvanisers and Fabricators (P) Ltd.	Bhiwadi		5.1		0.08		0.08		
				34.3		1.5		1.5		
26	Protech Galvanisers and Fabricators (P) Ltd.	Bhiwadi	Bath Fittings	6.2		3				3
27	Ranutrol India Ltd.			34.3		0.75		0.75		
28	Trishul Metal Industries	Neemrana	Brass, Copper, M.S. tubes, S.S.	34.3		0.06		0.06		
				8.3		0.12		0.12		
				5.1		2.1				2.1
29	Lords Chloro Alkalied Ltd	Alwar	Caustic Soda	5.1		100				100
				16.2		5000		5000		
				34.3		50		50		
				34.2		0.5		0.5		
				33.3						50
30	Shree Cement Limited	Khushkhera	Cement	5.1		20				20
31	BPS Products Pvt. Ltd	Khushkhera	Chemical	34.3		0.12		0.12		
32	Dwarikadhish Polymers Pvt Ltd	Alwar		34.3		4		4		
				5.1		0.3				0.3
33	Agarwal Metal Works Pvt Ltd	Bhiwadi	Copper Alloys		C-14		0.25	0.25		
				5.1		9				9
				34.3		20		20		
					B-3		0.5	0.5		
34	Vanasthali Textile Ind. Ltd.	Shahjahanpur	Cotton Terry Towels	5.1		5.4				5.4
				34.3		38		38		
				33.3						4000
35	Prerna Syntax	Neemrana	Cotton Yarn	5.1		4.132				4.132
36	Syam Auto (PVT) Ltd	Bhiwadi	CR/Fr Sheets	34.3		0.3		0.3		
37	Arham Spinning Mills Ltd.	Bhiwadi	Dyed Cotton Yarn	34.3		35		35		

38	Orient Syntax	Bhiwadi	Dyed Fabrics	34.3		30		30		
				5.1		8.5			8.5	
39	Palco Tex Fab Ltd.	Khushkhera	Dyed Fabrics	34.3		2.5		2.5		
				5.1		0.1			0.1	
40	Paras Feb International	Bhiwadi		34.3		5		5		
				5.1		2.8			2.8	
41	Prag Jyoti Syntax Ltd.	Bhiwadi		34.3		1.2		1.2		
				5.1		0.3			0.3	
42	Scan Synthetics Ltd.	Bhiwadi		34.3		0.8		0.8		
				5.1		0.05			0.05	
43	Ginni International Limited	Neemrana	Dyed Yarn	34.3		73		73		
				5.1		4			4	
44	Terry Plus India Pvt. Ltd	Neemrana		34.3		2.4		2.4		
				5.1		0.8			0.8	
45	TAFE Motors & Tractors Limited (Old name Eichar)	Alwar	Engine Assembly	5.1		2.5			2.5	
				33.3						105
				21.1		0.15		0.15		
				5.2		1.4			1.4	
				34.3		0.6		0.6		
46	Marc Bathing Luxeries	Bhiwadi	Engineering	34.3		1.5		1.5		
47	Shyam Auto (P) Ltd.	Bhiwadi		34.3		3		3		
48	Uttam Strips Pvt. Ltd	Bhiwadi		34.3		2.58		2.58		
49	Insecticides India Ltd.	Bhiwadi	Formulation of Pesticides	5.1		0.05			0.05	
				29.1		0.12		0.12		
50	Prabha Enterprises	Bhiwadi	Frontend Structure	34.3		1.5		1.5		
				5.1		0.04			0.04	
51	Garg Ispat Udyog	Bhiwadi	GI Pipes	34.3		0.5		0.5		
52	Drawmet Wires (P) Ltd.	Bhiwadi	GI Wires	5.1		0.5			0.5	
52	Drawmet Wires (P) Ltd.	Bhiwadi	GI Wires	12.6		6		6		



53	KEI Industries Ltd.	Bhiwadi		34.3		1		1		
54	Sakata Ink (India) Ltd.	Bhiwadi	Ink	33.3						50
				5.1		0.02			0.02	
				5.2		0.02		0.02		
55	Seigwerk India Pvt. Ltd	Khajuriwas		36.2		3.6		3.6		
				20.2		250		250		
				33.3						4500
				26.1		24			24	
				5.1		19.2			19.2	
				21.1		80		80		
56	Arvind Press Caps Ltd.	Bhiwadi	Lamp Cap	34.3		1.4		1.4		
57	Arya Alloys (P) Ltd.	Bhiwadi	Lead Ingot	9.2		30			30	
				9.1		15.36		15.36		
58	Ashish Pigments & Alloys (P) Ltd.	Bhiwadi		9.1		3		3		
59	BMA Zinc (P) Ltd.	Bhiwadi		8.3		381		381		
				11.4		430		430		
				9.1		3.5		3.5		
				6.3		800		800		
				9.2		18			18	
60	Exclusive Food Products (P) Ltd.	Bhiwadi		9.2		0.3			0.3	
				9.1		4.5		4.5		
61	Exclusive Lead Alloys (P) Ltd	Bhiwadi		9.1		6		6		
				9.2		12			12	
62	Puran Sons Alloys (P) Ltd.	Bhiwadi		9.1		6		6		
63	R. K. Metal Co.	Bhiwadi	Lead Ingot	9.2		3			3	
64	Rahul Metal Industry	Alwar		9.1		9.6		9.6		
65	Rohan Metals (P) Ltd.	Bhiwadi		9.1		7.2		7.2		
66	Sumetco Alloys (P) Ltd.	Bhiwadi		9.1		6		6		
67	Trans Asia Metals	Bhiwadi		9.1		102		102		
				9.2		10			10	
68	Vipul Metals Ltd.	Chopanki		9.2		1			1	

				9.1		11		11		
69	BMP Metal Pvt Ltd	Bhiwadi	Lead Ingots	9.1		21.6		21.6		
				9.2		2.4				2.4
70	Shiv Shakti Metals	Chopanki (Bhiwadi)		9.1		4		4		
				9.2		0.5				0.5
71	Disha Dye Chem Private Limited	Bhiwadi	Leather dyes	26.2		0.25		0.25		
				5.1		0.75				0.75
				26.1		0.25		0.25		
72	Raptacos, Brett & Co.	Alwar	Liver extract	34.3		0.96		0.96		
73	Alwar Organics Pvt Ltd	Alwar	Organic Composite solvent	34.3		0.01		0.01		
74	Gayatri Astha Chemicals	Bhiwadi	Organic Solvents	28.5		2		2		
75	Feminine and Infant Health Care P. Ltd.	Bhiwadi	Others	21.1		1				1
				5.1		0.7				0.7
76	Insecticides India Ltd. Unit II	Chopanki	Pesticides	34.3		7.5			7.5	
				5.1		0.4				0.4
				29.1		180			180	
				36.2		6		6		
				29.1		9		9		
77	Mahesh Metal	Bhiwadi	PVC Articles	21.1		24				24
78	Climate System India Ltd.	Bhiwadi	Radiator	5.2		12			12	
				34.3		12		12		
				5.1		25				25
79	SRF Ltd.	Jhiwana	Refrigeration Gases	5.1		50				50
				33.3						4800
				34.3		500				500
80	Videocon Industries Ltd	Shahjahanpur	Refrigerator	36.2		0.2		0.2		

				5.1		1			1	
				34.3		2		2		
81	Continental Petroleum Ltd.	Behror	Re-Refining Of Lube Oil	36.2		200		200		
				4.5		179			179	
				4.4		1170			1170	
82	Thakar Dass & Co. (P) Ltd.	Bhiwadi	Rubber Chemicals	34.3		0.6		0.6		
83	Hitesh Enterprises	Chopanki	Sec. produc. of Metals	6.2		120				120
84	Gillette India Ltd.	Bhiwadi	Shaving Blades	5.2		50			50	
				5.1		9				9
				34.3		0.05		0.05		
				36.2		50		50		
85	Federal Mughl Autom ctive Products (India) Ltd.	Bhiwadi	Spark Plugs	5.1		0.5				0.5
				34.3		6		6		
				5.2		0.2			0.2	
86	Synergy Steels Ltd.	Alwar	SS Billets & Flats	13.1		60		60		
				34.1		1		1		
87	Apex Tubes (P) Ltd	Alwar	SS Pipes	34.3		15		15		
88	Amit Re-rolling (P) Ltd.	Bhiwadi	SS Sheet	34.3		0.6		0.6		
89	Annanya Foils (P) Ltd.	Bhiwadi		34.3		0.9		0.9		
90	Ansul Strips Pvt. Ltd.	Bhiwadi	SS Sheet	5.1		0.08				0.08
				34.3		1		1		
91	B. G. Steel	Bhiwadi		34.3		0.6		0.6		
92	Bhiwadi Metal Rollwell (P) Ltd.	Bhiwadi		34.3		0.48		0.48		
93	D.L. Steels (P) Ltd.	Bhiwadi		34.3		0.6		0.6		
94	Divya Aanchal Re-Rolling P. Ltd.	Bhiwadi		34.3		4.5		4.5		
				5.1		9.6				9.6
95	Gold Star Re-Rollers (P) Ltd	Bhiwadi		34.3		12		12		

				5.1		0.06			0.06	
96	Honey Strips Rollings (P) Ltd.	Bhiwadi		34.3		1		1		
97	Jyotika Strips Pvt. Ltd.	Bhiwadi		34.3		1		1		
98	Manghani Re-rolling Ltd.	Bhiwadi		34.3		1		1		
				5.1		0.1			0.1	
99	Onkar Alloys P Ltd	Bhiwadi		34.3		1		1		
100	Perma Engg. Treading Co. (I) Ltd.	Bhiwadi		34.3		1		1		
101	Rachana Strips Pvt. Ltd.	Bhiwadi		5.1		0.08			0.08	
				34.3		1.5		1.5		
102	Radhraman Stainless Steel Pvt Ltd	Bhiwadi		34.3		1		1		
103	Shiva Steel	Bhiwadi		5.1		0.08			0.08	
				34.3		2		2		
104	Shri Girraj Steels (P) Ltd.	Bhiwadi		39.2		0.6		0.6		
105	Shri Laxmi Vijay Steel (P) Ltd.	Bhiwadi		5.1		0.05			0.05	
				34.3		1		1		
106	Shri Laxmi Vijay Strips (P) Ltd.	Bhiwadi		34.3		1.7		1.7		
107	Shri Sidhi Re-Rolling Mills	Bhiwadi		34.3		2		2		
108	Vishal Strips (P) Ltd.	Alwar		34.3		0.5		0.5		
109	Rajasthan Pipes Pvt. Ltd.	Behror	SS Sheets	34.3		1.5		1.5		
110	Ray Ban Sun Optics	Bhiwadi	Sun Glasses	21.1		0.5		0.5		
				5.1		1			1	
				34.3		0.15		0.15		
111	Mahalaxmi Enterprisses	Kherthal	Textile	33.3						20
112	CETP, Bhiwadi	Alwar	Treatment Facility	34.3		300		300		
113	Bal Krishan Industries Ltd.	Bhiwadi	Tyres	34.4		0.06		0.06		
				5.1		9.6			9.6	
114	Unipatch Rubber Ltd.	Bhiwadi		34.3		60		60		
				5.1		0.6			0.6	
115	Indag Rubber Ltd.	Bhiwadi	Tyre Retrad	34.2		0.048		0.048		
				5.1		6			6	
116	Ashok Leyland Ltd.	Alwar	Vehicles	5.1		0.8			0.8	

			Assembly							
				34.3		0.3		0.3		
				33.3						5000
117	Simran Chemicals	Bhiwadi	Zinc oxide	6.2		9				9
118	Zinc O India	Kesharpira		6.2		24				24
119	Zinc O Rajasthan	Kesarpura		6.2		75				75
<b>District: Banswara</b>										
120	Banswara Textile Mills Ltd.	Banswara	Processed Fabric	26.2		7		7		
				5.1		3				3
121	Mordi Textiles & Processors	Mordi		33.3						5300
				26.2		50		50		
				5.1		2				2
122	LNJ Denim(A Unit of RSWM Ltd.)	Mordi	Textile	34.3		300		300		
123	Banswara Syntax Ltd.	Banswara	Yarn & Fibre	5.1		1.5				1.5
				34.3		4.5		4.5		
124	RSWM Ltd. (an LNJ Bhilwara group Co.)	Lodha	Yarn & Fibre	5.1		19.2				19.2
				5.2		120			120	
125	Bhilwara Melba De Witte (P) Ltd	Mordi	Yarn Dyeing	33.3						2200
				5.1		0.7				0.7
				26.2		24		24		
<b>District: Barmer</b>										
126	Cairn Energy India P. Ltd. Saraswati Field)	Khosulu, Guda Malani	HC Development	1.8		30		30		
				5.1		6.5				6.5
				1.8		4		4		
				3.3		12.5		12.5		
				2.1		252		252		
				2.3		30		30		
127	Cairn Energy India P. Ltd.		Petroleum	2.3		200		200		

			Drilling							
				2.3		2195		2195		
				2.2		1700		1700		
				5.1		26			26	
128	Balotra Water Pollution Control & Research Foudation Trust	Balotra	Treatment Facility	34.4		700		700		
129	Jasol Water Pollution Control & Treatment Trust	Jasol		34.3		225		225		
<b>District: Bharatpur</b>										
130	Rajasthan Pigments & Chemicals,	Bhartpur	Lead Ingot	9.2		2			2	
				9.1		1.5		1.5		
131	Bharat Petroleum Corporation Ltd, Bharatpur	Dhormui Jagina, Bharatpur	Petroleum Storage	3.3		1.4		1.4		
132	Hindustan Petroleum Corporation Limited	Bharatpur		3.3		1		1		
133	Indian Oil Corporation Ltd	Bharatpur		3.3		4		4		
<b>District: Bhilwara</b>										
134	A. Infrastructure Ltd.	Hamirgarh	AC Pressure Pipes	5.1		0.35			0.35	
134	A. Infrastructure Ltd.	Hamirgarh	AC Pressure Pipes	15.1		0.315		0.315		
135	Hindustan Zinc Limited (Rampura Agoocha Mines)	Rampura Agoocha	Lead Zinc Ore	5.1		165			165	
				33.3						5000
136	A.K. Spintex Ltd.	Bilia Kalan	Processed Fabric	34.3		744		744		
				33.3						1200
				5.1		0.48			0.48	
137	Anant Syntax Ltd.	Ghatila Kera		5.1		1.2			1.2	
				33.3						540
				34.3		980		980		
138	Bhilwara Processors Li,ited	Mandpam		34.3		1300		1300		

				33.3						14000
				5.1		0.6			0.6	
139	Bhilwara Spinners	Bhilwara		34.3		30		30		
				33.3						1420
				5.1		24			24	
140	BTM Industries	Pur		33.3						3000
				34.3		980		980		
				5.1		0.2			0.2	
141	Chamunda Synprocess	Govindpura		34.3		490		490		
				33.3						288
				5.1		0.3			0.3	
142	Janki Corporation Ltd	Bhilwara		5.1		7.8			7.8	
				34.3		1470		1470		
				33.3						3000
143	Kanchan Processors	Mandal		33.3						1800
				5.1		6			6	
143	Kanchan Processors	Mandal	Processed Fabric	34.3		1260		1260		
144	Modtex Texturising	Bhilwara		33.3						300
				26.2		15		15		
				5.1		0.183			0.183	
145	Pooja Spintex	Guwardi		5.1		0.06			0.06	
				33.3						324
				34.3		735		735		
146	Rajasthan Spg. & Weaving Mills(Gulabpura)	Mandpam		33.3						1800
				5.1		0.48			0.48	
				34.3		350		350		
147	Ranjan Polysters	Guwardi		33.3						3000
				5.1		3			3	
				34.3		756		756		
148	Rolex Processors	Pur		26.2		105		105		

				5.1		0.54			0.54	
				33.3						360
149	Ronak Processors	Bhilwara		34.3		980			980	
				33.3						600
				5.1		600			600	
150	RSWM Ltd. (An LNJ Bhilwara Group)	Kharigram		34.3		490		490		
				33.3						1200
				5.1		22			22	
151	Sangam India Ltd.	Chittor Road		33.3						720
				5.1		0.25			0.25	
				34.3		980		980		
152	Sangam Spinners Ltd.	Bilia Kalan		5.1		4.8			4.8	
152	Sangam Spinners Ltd.	Bilia Kalan	Fabric	33.3						1800
				34.3		980		980		
153	Shri Charbhujia Processors	Bhilwara		5.1		0.3			0.3	
				34.3		735		735		
				33.3						900
154	Sona Processors (India) Ltd.	Guwardi		33.3						1200
				34.3		1008		1008		
				5.1		1.2			1.2	
155	Sulzer Processors	Mandal		5.1		0.6			0.6	
				33.3						720
				34.3		735		735		
156	Suzuki Spinners (unit-II)	Gulabpura		Closed						
157	Suzuki Synthetics (P) Ltd	P.O. Mandal		5.1		4.8			4.8	
				33.3						720
				34.4		980		980		
158	Swastik Suitings Limited	Pur Road		33.3						1200
				34.3		980		980		
				5.1		0.2			0.2	
159	TPL Industries	Gudawari		33.3						1200



				5.1		1.5			1.5	
				34.3		980		980		
160	Sunil Lubricants (P) Ltd	Bhilwara	Re-Refining Of Lube Oil	4.5		0.6		0.6		
				4.4		90		90		
				4.6		72		72		
161	Gayatri Spinners Ltd	Hamirgarh	SSP	5.1		0.18				0.18
					D-2		3600			3600
161	Gayatri Spinners Ltd	Hamirgarh	SSP	36.1		1.2				1.2
162	Manglam Phosphate & Fertilizers	Hamirgarh		36.1		6.2				6.2
					D-2		13.8			13.8
				5.1		0.15				0.15
163	Tedco Granite Ltd.	Hamirgarh		5.1		0.08				0.08
				36.1		19.9				19.9
					D-2		42			42
164	Sangam Spinners (Unit of Sangam India Ltd.)	Dhunwaliya	Textile	5.1		30				30
165	Shri Ganesh Texfab Ltd.	Hamirgarh		5.1		1.2				1.2
				33.3						360
				34.3		735		735		
166	Modern Woolens	Bhilwara	Wool Carpet Yarn	5.1		0.7				0.7
				34.3		18		18		
				33.3						600
<b>District: Bikaner</b>										
167	Raja Industries	Bikaner	Lead Ingot	9.2		9				9
				9.1		9		9		
<b>District: Bundi</b>										
168	ACC Ltd.,	Lakheri	Cement	5.1		80				80
169	Ruchi Soya Industries Ltd.	Bundi	Edible Oil	5.1		0.1				0.1
				34.3		6		6		
<b>District: Chittorgarh</b>										

170	Aditya Cement	Shambhupura	Cement	5.1		50			50	
				5.2		50		50		
171	Birla Corporation	Chandera		5.1		1			1	
172	J.K. Cement (Mangrol)	Mangrole		5.1		75			75	
173	J.K. Cement Works	Nimbahera		5.1		100			100	
174	Hindustan Zinc Ltd.(Chandera)	Chanderiya	Lead/ Zinc	7.4		9600	9600			
				5.1		300			300	
				33.3						1400
				7.2		30720	30720			
				7.3		300000	300000			
				17.2		19.5			19.5	
				5.2		50		50		
					B-4		24500	24500		
					A-6		22	22		
175	Resource Recycling Industries	Manpura	Secondary production of Metal	34.1		1.5		1.5		
166	Arihant Phosphate & Fertilizer	Sagwadia	SSP	34.1		18.25		18.25		
176	Khetan Chemicals& Fertilisers Ltd	Nimbaheda			D-2		10692			10692
				36.1		35640				35640
				5.1		0.1				0.1
177	Shree Ganpati Fertilizers Ltd.	Gauraji Ka Nimbahera		5.1		0.5				0.5
					D-2		2.5			2.5
				34.1		8				8
<b>District: Dausa</b>										
178	Khandelwal Lubs Pvt. Ltd	Lalsot	Re-Refining Of Lube Oil	4.4		15			15	
				4.5		0.3		0.3		
				4.6		22			22	

<b>District: Dholpur</b>										
179	Rajasthan Iron & Steel Corp.	Dholpur	Carpets	34.3		0.02		0.02		
				33.3						30
180	Rajasthan Explosive & Chemical Dholpur	Dholpur	Explosives, Ditoneters	34.4		0.3		0.3		
				21.1		1.2		1.2		
181	Kaysons Pigments Pvt Ltd	Dholpur	Lead Ingot	9.2		4				4
				9.1		2.5		2.5		
182	Mona Batteries & Chemicals	Dholpur		9.1		18		18		
				9.2		27				27
183	Shri Shyam Industries	Dholpur		9.1		1		1		
				9.2		1.6				1.6
184	Deexit Battery Centre	Dholpur	Lead Ingots	9.2		0.12				0.12
				9.1		0.6		0.6		
<b>District: Dungarpur</b>										
185	Shree Rajasthan Syntax Ltd.	Udaipuria	Yarn	5.2		70				70
				33.3						150
				5.1		55				55
				26.2		250		250		
186	Shri Rajasthan Tex Chem Ltd	Dungarpur	Yarn & Fibre	5.1		25				25
				33.3						50
				5.2		30			30	
<b>District: Hanumangarh</b>										
187	Indial Oil Corporation Limited	Hanumangarh Jn	Petroleum	3.3		2				2
<b>District: Jaipur</b>										
188	Agam Cement Products Pvt. Ltd.	Kaldera	AC Pressure Pipes	15.1		45				45
				15.2		12				12
				34.3		3				3
189	Ankit Roofings Ltd	Bindayaka, Jaipur		15.1		0.55				0.55
190	Ankit Roofings Ltd. (Sheet Unit)	Bagru		15.1		30		30		

191	Ballabh Ram Trilokchand	Jetpura		15.1		0.5				0.5
192	G.B. Asbestos	Sarna Dungri		15.1		2		2		
193	G.G. Pipe Pvt. Ltd.	Kaladera	AC Pressure Pipes	15.2		8				8
				15.1		24				24
				34.3		1				1
194	Gupta Engineers Works	Jaipur		15.1		2		2		
195	Himalaya Asbestos Cement	Jaipur		15.1		60		60		
196	Himalaya Fittings Pvt. Ltd.	Jaipur		15.1		60		60		
197	Jai Pipe Products	Jaipur		15.1		30		30		
198	Mohit Pipes Pvt. Ltd.	Kala Dera		15.1		60		60		
199	MRK Pipes Ltd.	Kaladera		15.2		37.5				37.5
				34.3		7.5				7.5
				15.1		105				105
200	National Pipe Products	Jaipur		15.2						
				15.1		0.8		0.8		
201	Rajasthan Asbestos Cement Company	Jaipur		15.1		22		22		
202	Shri Ganpati Asbestos	Kaladera		34.3		1				1
				15.1		24				24
				15.2		8				8
203	Shri Hari Pipes	Bagru		15.1		135		135		
204	Sonkiya Engg. Company	Jaipur		15.1		0.8		0.8		
205	Yogesh Pipes Industries	Jaipur		15.1		60		60		
206	Anushikha Auto Lite Ltd.	Jaipur	Auto Head Lamps	34.3		0.24		0.24		
207	Autolite (India) Ltd.	Jaipur	Auto Lamps	34.3		0.6		0.6		
208	Kamal Coarch Works Pvt. Ltd	Jaipur	Automobiles	34.3		4.5		4.5		
				21.1		1		1		
209	J.S.K. Bearings Ltd.	Jaipur	Bearings	5.2		4.5			4.5	
210	KNK Bearings Pvt. Ltd	Jaipur		5.2		0.36			0.36	

211	National Engineering Industries Ltd.	Jaipur	Bearings	12.5		0.025		0.025		
				14.1		7		7		
				5.2		800			800	
				34.4		50		50		
				15.2		0.8		0.8		
				5.1		60				60
212	Dayaram & Sons	Manpur Machery	Blue Wet Leather	30.3		1.2		1.2		
				30.2		3		3		
213	Nagora Leathers	Manpura Machedi		30.1		9.5		9.5		
				30.2		14.4		14.4		
214	Paramount Leather Co.	Manpur Macheri		30.2		9.5		9.5		
				30.1		9.5		9.5		
215	Rama Leather Industries	Manpur Macheri		30.1		9.5		9.5		
				30.2		9.5		9.5		
216	Varun Beverage	Jaipur	Bottle Caps	21.1		3			3	
217	G. L. Metallica Pvt. Ltd. (Unit II)	Jaipur	Brass Sheet	5.1		0.01				0.01
				7.4		6		6		
				3.3		2		2		
				6.4		42.5		42.5		
				8.3		42.5		42.5		
218	Jyoti Texchem (P) Ltd	Jaipur	Chemical	34.3		0.12		0.12		
219	Terry Fab. India Ltd.	Jaipur	Cloth Dyeing	34.3		2		2		
220	Sarvoday Industries	Jaipur	Cold Rolled Strips	34.3		0.36		0.36		
221	Brite Metal (I) Pvt Ltd	Jaipur	Copper Zinc	8.3		1				1
				6.4		89				89
222	Kemflot	Jaipur	Copper Powder	34.4		1		1		

223	Lawat Chemicals	Jaipur	Copper Powder	34.4		0.6		0.6		
224	Sarda Industrial Enterprises	Jaipur		8.2		0.25		0.25		
225	G. Khandelwal Product	Bagru	Copper Sulphate	34.4		0.08		0.08		
226	Micro Metal	Jaipur		34.3		1		1		
227	Jai Industries	Jaipur	Cycle Rims	34.3		1		1		
228	Amit Fashion	Jaipur	Dyeing & Printing of Cloth	34.3		0.1		0.1		
229	Govind Block Printing	Jaipur		34.3		0.6		0.6		
230	Hitesh Hosiery Works	Jaipur		34.3		0.6		0.6		
231	Jaipur Paper & Fibers	Jaipur		26.2		0.06		0.06		
232	Kapoor Exports	Jaipur		34.4		3.6		3.6		
233	Kataria Brothers	Jaipur		26.2		0.75		0.75		
234	Laxmi Screen Printing Works	Jaipur		34.3		1.5		1.5		
235	Rajasthan Khadi Gramodyog Snastha	Bassi		34.3		0.6		0.6		
236	Vikash Enterprises	Sanganer		34.3		0.02		0.02		
237	Raghuvar (India) Limited	Jaipur	Edible Oil	34.3		10		10		
238	Ultra Tech Metals India Ltd.	Jaipur	Electrical Assessories	5.1		0.6			0.6	
				34.3		0.6		0.6		
				33.3						300
239	BNB Enterprises	Jaipur	Electroplating	34.3		1		1		
240	S.G. Engineering Works	Jaipur	Engineering Items	34.3		0.012		0.012		
241	SPX India P Ltd.	Jaipur	Filters	5.1		0.14			0.14	
				23.1		0.72		0.72		
				33.3						2500
				5.2		0.3		0.3		
242	Bagri Prime Tanners	Jaipur	Finished Leather	30.1		3		3		

243	Ideal Creation Pvt. LTd.	Jaipur	Finished Leather	30.1		1.2		1.2		
				30.2		3		3		
245	MICO Ltd	Jaipur	Fuel Pumps	5.1		210				210
				12.8		7.5		7.5		
				34.3		13.5		13.5		
				23.1		3.3				3.3
				12.2		7.2		7.2		
				5.2		180			180	
				33.3						600
246	Sigma Steel Pvt. Ltd.	Jaipur	G.I. Wire	34.3		0.12		0.12		
247	Steel Grips India	Jaipur		34.3		0.05		0.05		
248	Universal Cylinder (Unit-II)	Kaladera	Gas cylinders	21.1		2				2
249	Bajrang Wires Products (India) Pvt. Ltd.	Jaipur	Gelvenised wire	12.2		0.1		0.1		
				12.1		0.1		0.1		
				34.3		0.7		0.7		
					C-14		400			400
250	Bajrang Wire Products (unit-II)	Jaipur		34.3		4.5		4.5		
				6.2		65				65
				5.1		0.2				0.2
				9.2		24				24
251	R K Industries	Jaipur	General Engineering	34.3		0.05		0.05		
252	Nav Bharat Tubes Ltd	Jaipur	GI Pipes	34.3		6		6		
253	Kanhaya Wires Pvt. Ltd.	Bagru	GI Wires	34.3		0.2		0.2		
254	Karnani Industries Ltd.	Bagru		34.3		0.3		0.3		
255	P.B.M. Wire Pvt. Ltd	Bagru		34.3		0.6		0.6		
256	P.K.C. Steel	Sarnadungar		34.3		0.6		0.6		
257	Tanu Enterprises	Jaipur		34.3		0.06		0.06		
258	Jai Glaskow	Jaipur	Glass Chittings	34.4		1.8		1.8		
259	Niffti Inovations Pvt Ltd	Jaipur	Hard Ware	34.3		0.36		0.36		

260	Tech & Mech Industries	Jaipur		34.3		0.15		0.15		
261	New India Engineering Works Ltd.	Jaipur	Hinges	34.3		0.24		0.24		
262	A.M. Alloys	Sarnadungar	Lead Ingot	9.1		18		18		
				9.2		2.4			2.4	
263	Deepak Metal Works	Bagru(Ext.)		9.1		0.45		0.45		
264	Gravita India Ltd	Phagi		9.2		30			30	
				9.1		120		120		
265	Indian Oil Corporation Ltd (STM Jaipur terminal)	Jaipur	LPG Bottling	3.3		1.2		1.2		
266	Rajasthan Cylinder & Container(Cylinder)	Jaipur	LPG Cylinders	21.1		0.06		0.06		
				34.3		0.12		0.12		
267	Pragati Fasteners	Jaipur	M.S.Bolts & Nuts	34.3		0.06		0.06		
268	Gem Clade Wires (P) Ltd.	Jaipur	Ni Clad Wire	12.1		0.03		0.03		
				34.3		0.27		0.27		
269	Gem Electro Mechanical Ltd.	Jaipur		12.1		0.03		0.03		
				34.3		0.27		0.27		
270	Indian Oil Corporation Ltd (LPG Bottling Plant)	Jaipur	Petroleum Drilling/ Storage	5.1		0.9			0.9	
271	Bharat Petroleum Corporation Ltd (Storage Depot)	Jaipur	Petroleum Storage	3.3		25		25		
272	Hindustan Petroleum Corporation Limited(Sitapura)	Jaipur		3.1		0.6		0.6		
273	Indian Oil Corporation Ltd (Storage Depot)	Jaipur		3.1		100		100		
274	Gail (India) Limited	Jaipur	Petroleum Storage depot	5.1		2.1			2.1	
275	Mukharjee & Mukharjee	Jaipur	Plated Wire	34.3		0.3		0.3		
276	Poddar Pigments Ltd	Jaipur	PP Master Batches	21.1		12			12	



277	Shri Syam Filaments	Bagru Ravan	PP Yarn	5.2		25		25		
				5.1		10			10	
278	Jaipur Sari Printers	Jaipur	Printing of Cloth	34.3		0.27		0.27		
279	Arvind International Ltd (Unit II)	Bagru	PU Foam	33.3						24
280	Arvind International Ltd(Unit I)	Bagru		33.3						1920
				33.2		0.24		0.24		
281	S.N.Polymould Pvt. Ltd	Bagru		33.2		0.06		0.06		
				33.3						300
282	Poddar Hydrocarbons	Bagru	Rerefining of Lube Oil	4.5		0.3		0.3		
				4.4		252			252	
				4.6		100			100	
283	Arihant Industries	Jaipur	Re-Refining Of Lube Oil	4.6		120			120	
				4.1		120		120		
284	Bharat Industrial Oil Corporation	Jaipur		4.5		0.001		0.001		
				4.6		0.3			0.3	
				4.4		0.72			0.72	
285	Mahabir Chemicals Industries	Jaipur		4.6		108			108	
				4.4		72			72	
				4.5		0.6		0.6		
286	Mahashwari Petro Chemicals	Jaipur		4.6		72			72	
				4.4		108			108	
				4.5		0.6		0.6		
287	Om Industries	Jaipur		4.5		0.6		0.6		
				4.6		72			72	
				4.4		108			108	
288	Sahu Industries	Jaipur		4.5		0.6		0.6		
				4.4		108			108	
				4.6		72			72	

289	Sahu Lubricants	Bagru	Re-Refining Of Lube Oil	4.5		0.6		0.6		
				4.4		108			108	
				4.6		72			72	
290	Shree Tirupati Industries	Jaipur		4.6		72			72	
				4.4		108			108	
				4.5		0.6		0.6		
291	Shri Ganpati Lubricants	Jaipur		4.6		0.25		0.25		
				4.4		1.125		1.125		
				4.5		0.001		0.001		
292	Sungrace Industries	Kaladera		4.4		324			324	
				4.5		0.3		0.3		
				4.6		55.2			55.2	
293	Tirupati Udyog	Bagru		4.6		64			64	
				4.1		64		64		
294	Anil Special Steel Industries Ltd.	Kanakpura	Saw Blade Strips	34.3		4		4		
				5.1		4			4	
295	Hindustan Coco Cola Beveries Limited	Kaladera	Soft Drinks	34.2		0.3			0.3	
				33.3						150
				5.1		4			4	
296	Sunraj Steel Pvt. Ltd.	Jaipur	Steal Bars & Rods	34.3		0.12		0.12		
297	Plastoment Mfg. of Steel	Jaipur	Steel & Nickle Wire	34.3		1		1		
298	JRK Industries Pvt. Ltd.	Jaipur	Steel Wires	34.3		1.5		1.5		
299	Ram Wire Industries	Jaipur	Steel Wires	34.3		0.058		0.058		
300	RCS Wire	Jaipur		12.1						
				12.2						
				34.3		0.06		0.06		
301	Saharia Wire Industries	Jaipur		34.3		0.12		0.12		

302	Jaipur Steel Strips Pvt. Ltd.	Jaipur	Sulpher Black	34.3		0.14		0.14		
303	Bhanu Chemicals Pvt. Ltd.	Jaipur	Sulphur Black	26.2		1.8		1.8		
304	J. D. Agro Chemical	Jaipur		34.4		6		6		
305	Vinayak Manutrade Pvt. Ltd.	Jaipur	Surgical Cottons	34.4		6		6		
306	Gangaur Exports Pvt. Ltd.	Jaipur	Textile	34.3		1		1		
307	Mahindra & Mahindra	Mehlan	Tractors							
				5.2		0.3		0.3		
308	Indomax Chemical Industries	Jaipur	Transformer Oil	4.5		2		2		
				36.2		30		30		
309	Malpani Petro Chem Pvt. Ltd.	Kaladera		4.6		36		36		
				4.4		18		18		
				4.5		2.4		2.4		
310	RTS Power Corporation Ltd.	Jaipur		4.6		5		5		
				4.1		5		5		
311	KEC International	Jaipur	Transmission Towers	12.1		900		900		
				5.1		2			2	
311	KEC International	Jaipur	Transmission Towers	12.2		2.4		2.4		
				6.2		450		450		
312	Man Structural Pvt Ltd	Jaipur		34.3		1.5		1.5		
				6.3		45		45		
313	Jaipur Leather Complex Environment Protection Foundation (P) Ltd	Manpur Macheri	Treatment Facility	30.1		3		3		
				30.2		75		75		
314	Kandoi Metal Powders Mfg	Jaipur	Wire Plating	34.3		0.15		0.15		

315	Jain Mineral & Steel Industries	Jaipur	Wires	34.3		0.1		0.1		
				12.2		0.1		0.1		
				12.1		0.1		0.1		
316	Jayshree Enterprises	Jaipur	Wool Dyeing	26.2		2		2		
317	Padma Wool Dyeing Co.	Jaipur		26.2		1		1		
318	R.S. Enterprises	Jaipur		26.2		0.6		0.6		
319	Saraswati Spin Dye Pvt Ltd	Jaipur		34.3		4.5		4.5		
320	S. N. Kapoor Exports	Jaipur	Woolen Yarn	26.2		0.3		0.3		
321	Krishna Industries	Jaipur	Zinc plating	34.3		0.03		0.03		
<b>District: Jaisalmer</b>										
322	Oil India Ltd.	Jaisalmer	Petroleum Drilling	2.3		200		200		
<b>District: Jhalawar</b>										
323	Rajasthan Textile Mills	Bhawanimandi	Synthetic Yarn	33.3						850
				26.2		66		66		
				5.1		20				20
<b>District: Jhunjhunu</b>										
324	Hindustan Copper Ltd. (Process Plant)	Khetari Nagar,	Copper	5.1		3.6				3.6
				7.4		25000				25000
<b>District: Jodhpur</b>										
325	Grasim Industries	Kharia Khangar	Cement	5.1		200				200
326	Abex Tubes (P) Ltd.	Jodhpur	Copper & Copper alloy Tubes	34.3		15		15		
327	Alcobex Metals Ltd.	Jodhpur		5.1		10				10
				34.3		0.84		0.84		
					B-3		600			600
328	Bhiwani Textile Industries	Jodhpur	Dyes	26.2		0.5		0.5		
329	Chandra Chemical Corporation	Mandor		34.3		0.12		0.12		
330	D. Shan Industries	Jodhpur		26.2		0.05		0.05		

331	J. K. Industries	Jodhpur		26.2		0.5		0.5		
332	R. K. Dye Stuff,	Jodhpur		26.2		0.5		0.5		
333	Rajasthan Dye Chem Industries	Jodhpur		26.2		0.5		0.5		
334	Shan Industries	Jodhpur		26.2		0.05		0.05		
335	Varun Industries Ltd.	Basni	Engineering	12.6		3		3		
				34.3		7		7		
336	Lucid Colloids Ltd	Jodhpur	Gwar Gum	5.2		0.7		0.7		
				5.1		3				3
				2.3		1		1		
337	Hotal Taj Hari Mahal	Jodhpur	Hotel	5.1		0.3				0.3
338	Shankar Udhyog	Jodhpur	Lead Ingot	9.1		3		3		
				9.2		0.5				0.5
339	Bharat Petroleum Corporation Ltd	Salawas	Petroleum Storage	5.2		5				5
340	Indian Oil Company	Salawas		33.3						165
341	Bharat Oil Industries	Jodhpur	Re-Refining Of Lube Oil	4.4		0.2		0.2		
				4.5		0.001		0.001		
				4.6		0.2		0.2		
342	Jyoti Petro Chem Industries	Jodhpur		4.4		36				36
				4.5		1		1		
342	Jyoti Petro Chem Industries	Jodhpur	Re-Refining Of Lube Oil	4.6		78				78
343	Shri Industries	Jodhpur		4.5		30				30
				34.3		0.1				0.1
				4.4		25				25
344	Bright Metals	Jodhpur	SS Sheet	16.8		3.6		3.6		
345	Khemani Metal Industries	Jodhpur		12.6		5.4		5.4		
346	Shree Chanchal Industries Ltd.	Jodhpur		12.6		12		12		
347	SRM Alloys (P) Ltd.	Jodhpur		12.6		3.6		3.6		
348	Guljag Industries Limited	Palri Khichian	Sulphuric Acid	17.1		5		5		
				17.1		5				5

349	Jodhpur Pradushan Nivaran Trust	Jodhpur	Treatment Facility	34.3		5000			5000		
350	Dauxil Products	Jodhpur	Vinyl Sulphone	36.2		1.46		1.46			
351	Shruti Dye Chem Industries	Jodhpur	Zinc Lead Brass Ingots	9.1		6.74		6.74			
352	Siyarco Industries	Jodhpur		9.2		1.84				1.84	
				8.3		1200				1200	
				6.2		1200				1200	
<b>District: Kota</b>											
353	Hindustan Petroleum Corporation Limited	Mandana	Botteling Plant	5.1		0.11				0.11	
354	Manglam Cement Ltd.	Morak	Cement	5.1		8.5				8.5	
355	Neershree Cement	Morak		5.1		20				20	
356	Barium International	Kota	Cobalt Compounds Compound		B-2		150			150	
357	Samtel Colour Ltd	Naya Nohra	Color Picture Tubes	5.1		7.2				7.2	
				34.3		360		360			
				33.3							600
					B-4		9.6	9.6			
					C-14		9	9			
358	Multimetals Ltd.	Kota	Copper Alloy Products	5.1		0.6				0.6	
358	Multimetals Ltd.	Kota	Copper Alloy Products	7.1		0.78		0.78			
359	DKB Engineers	Kota	Crome Plating	34.3		0.0045		0.0045			
				12.8		0.0005		0.0005			
360	K.S. Oil Ltd.	Tathed	Edible Oil	34.3		1.5		1.5			
				5.1		0.6				0.6	

361	Instrumentation Ltd	Kota	Electronic Control Panel	33.3							50
				12.8		0.087		0.087			
				5.1		0.4				0.4	
362	National Thermoplast Industries	Kota	Lead Ingot	9.1		6		6			
				9.2		18		18			
363	Raj Industries	Kota		9.2		2.7				2.7	
				9.1		10		10			
364	Sultania Engineering Services	Kota		9.1		32.4		32.4			
				9.2		3.6				3.6	
365	Chem Clour India P Ltd	Kota	Lead Ingots	9.1		0.06		0.06			
				8.2		0.015		0.015			
				7.2		0.051		0.051			
				6.3		0.15		0.15			
366	Chem Colour (India) Pvt. Ltd	Kota		9.1		18		18			
				6.3		49.5		49.5			
				7.2		12		12			
				8.2		4.5				4.5	
367	Barkha Enterprises	Ranpur	Mercury	36.1		2.52				2.52	
368	HBN Chemicals	Kota	Mono Ethylene Glycol	20.3		15		15			
369	Goel Matachem P Ltd	Kota	Ni, Co & Cu Compounds		B-3		1.3	1.3			
370	Bharat Petroleum Corporation Ltd	Kota	Petroleum Storage	3.3		7.98		7.98			
371	Indian Oil Corporation Ltd	Kota	Petro. Storage	3.1		53		53			
				33.3							50
372	Samcor Glass Ltd.	Kota	Picture Tube Funnel	33.3							3600
				5.1		16.4				16.4	
					A-5		0.24	0.24			
					B-4		61.62	61.62			

373	Shri Ram Polytech LTD	Kota	PVC Compounds	21.1		0.002		0.002			
				5.2		0.1			0.1		
				22.2		0.2				0.2	
				21.1		0.5		0.5			
					A-2		0.007			0.007	
					B-4		0.211			0.211	
					B-5		0.002			0.002	
					A-4		0.005			0.005	
374	Shriram Rayons	Kota	Rayon Tyre Cord	33.3							1800
					C-14		360	360			
				5.1		2.4				2.4	
375	Fair Chemicals & Minerals	Kota	Sodium Silico Fluoride	34.3		2.4		2.4			
376	Liberty Phosphate Limited	Kota	SSP	36.2		132				132	
					D-2		6000			6000	
377	Universal Chemicals	Kota	Thinner, Solvent	36.4		1		1			
378	Chambal Fertilizers & Chemicals	Kota	Urea	5.1		26				26	
				18.1		60				60	
				33.3							500
379	Shriram Fertilizers & Chemicals	Kota	Urea. Caustic Soda, Cement, PVC, Power	2.3		7.2		7.2			
				22.3		166				166	
				21.1		525				525	
				21.2		500				500	
				5.2		0.1			0.1		
					A6		120			120	
				5.1		70				70	
				18.1		27.6				27.6	
				33.3							2000



380	Tanwar Rajput & Company	Kota	Zinc Oxide	6.3		18		18		
381	Mittal Pigments Pvt. Ltd.	Kota	Zinc Oxide	7.2		12		12		
				6.3		45		45		
				8.2		4.5		4.5		
				9.1		18		18		
				7.3		0.2		0.2		
				7.3		2.5		2.5		
382	SS Polychemicals Pvt Ltd	Kota	Zinc Sulphate	6.3		3.6		3.6		
<b>District: Nagaur</b>										
383	Star Industries	Palra	Blue Wet Leather	30.2		1.5		1.5		
384	J. K. White Cement Works	Gotan	Cement	5.1		17				17
				5.2		36				36
<b>District: Pali</b>										
385	Gujrat Ambuja Cement Ltd.	Jaitaran	Cement	5.1		40				40
386	Shree Cement Limited	Ras		5.1		100				100
387	Seemandar Enterprise	Sumerpur	Copper Sulphate	8.2		54		54		
388	Vishal Intermediate	Sumerpur	Dyes	26.2		0.6		0.6		
389	Maharaja Shree Umaid Mills Ltd	Pali	Textile	5.1		6				6
				34.3		15		15		
390	Pali Water Pollution Control Treatment & Research Foundation Trust	Pali	Treatment Facility	5.1		24				24
390	Pali Water Pollution Control Treatment & Research Foundation Trust	Pali	Treatment Facility	34.4		3000			3000	
391	Fuma Umbrella Pvt Ltd	Falna	Umbrella ribs & Folding Tubes	12.8		0.48		0.48		
				5.1		0.24				0.24

<b>District:Rajsamand</b>										
392	Hindustan Zinc Ltd. (Rajpura Dariba Mines)	Rajsamand	Lead Zinc Ore	5.1		20			20	
				33.3						250
				33.1		0.1		0.1		
393	P. S. Metals & Tubes (P) Ltd	Davod, Post Farana	Secondary Copper		B-3		1200	1200		
394	J.K. Industries Ltd.	Kankroli	Tyre & Tube	5.1		26.8			26.8	
				5.2		0.5			0.5	
				33.3						1132
<b>District: S. Madhopur</b>										
395	Indian Oil Corporation Ltd	S. Madhopur	LPG Bottling	5.1		0.3			0.3	
<b>District: Sikar</b>										
396	Jan Mohammed	Khandela	Blue Wet Leather	30.2		9		9		
				30.1		9		9		
397	RSWM Limited (Formerly Jaipur Polyspin Ltd.)	Ringus	Dyed Yarn	34.3		7.2		7.2		
398	Kesri Tubes Pvt. Ltd.	Reengus	Steel Tubes	34.3		0.6		0.6		
<b>District: Sirohi</b>										
399	Bhansali Engineering Polymers Ltd. (RPRL)	Abu Road	ABS Resin	33.3						360
				5.1		0.8			0.8	
				34.4		0.15		0.15		
400	Binani Cement Ltd	Pindwara	Cement	5.1		40			40	
401	J.K. Lakshmi Cement Ltd.	Swaroopganj		5.1		286			286	
402	Vardhaman Industries	Sheoganj	Dyes	34.3		3.9		3.9		
				5.1		0.1			0.1	
403	Tirupati Fibers Industries Ltd.	Abu Road	Polyester Yarn	34.3		2.4		2.4		
403	Tirupati Fibers Industries Ltd.	Abu Road	Polyester Yarn	5.1		2			2	

404	Kotex Petro Chem Pvt Ltd	Sindhra	Refining of waste Oil	5.1		30			30	
				4.1		1500		1500		
405	Anna Petrochemical Pvt Ltd	Abu Road	Re-Refining Of Waste Oil	4.1		15		15		
406	D S Exports	Abu Road	Zinc Lead Brass Ingots	6.4		0.24		0.24		
				11.4		0.48		0.48		
				9.2		0.24			0.24	
				9.1		0.24		0.24		
				8.3		0.72		0.72		
				6.2		0.6			0.6	
				6.3		0.48		0.48		
<b>District: Sri Ganganagar</b>										
407	JCT Ltd.	Sri Ganagnagar	Cotton Yarn & Cloth	34.3		9.6		9.6		
				5.1		1.2			1.2	
				33.3						120
408	Gagan Udyog	Sri Ganagnagar	Lead Ingot	9.1		0.3		0.3		
				9.2		0.1		0.1		
409	Pawan Foundary Works	Sri Ganganagar		9.2		0.36			0.36	
				9.1		1.44		1.44		
410	Shree Ganesh Udyog	Sri Ganagnagar		9.2		0.9		0.9		
				9.1		0.9		0.9		
<b>District: Tonk</b>										
411	National Engineering Industries Ltd.	Gunsi	Bearings	33.3						122
				34.4		2.41		2.41		
				5.1		2.54			2.54	
				5.2		99.98		99.98		

412	ISUJU Garment	Tonk	Dyeing Cloth	33.3						400
412	ISUJU Garment	Tonk	Dyeing Cloth	34.3		4.2		4.2		
				5.1		0.18				0.18
<b>District: Udaipur</b>										
413	Udaipur Pipes Pvt Ltd	Udaipur	AC Pipes	15.1		0.75		0.75		
414	Western Drugs (P) Ltd	Udaipur	Basic Drug	28.2		2		2		
				5.1		0.25				0.25
415	Macsen Laboratories	Udaipur	Bulk Drug	5.1		0.1				0.1
				28.2		0.4		0.4		
416	Mithila Drugs Laboratories	Udaipur		28.1		1				1
				5.1		0.25				0.25
417	Vardhman Pharma	Gudli		34.1		3.6		3.6		
418	Crown Color Chem	Udaipur	Dye & Dye Intermediate	26.2		73		73		
				5.1		0.05				0.05
419	Monal Color Ind.	Udaipur		5.1		0.1				0.1
420	Rockstone Ind.	Sukher		26.2		61.5		61.5		
				5.1		0.2				0.2
				26.1		22				22
421	Victory Products	Duaipur		26.2		45		45		
				5.1		0.05				0.05
422	Choksi Heraeous Ltd	Udaipur	Electrical Contacts		D-2		6			6
				34.3		40		40		
					D-1		0.015			0.015
					B-3		3			3
423	Deep Wires & Hardwares	Sukher	Electro Plating	34.3		0.6		0.6		
424	Secure Meters Ltd.	Kaladwas	Electroncs	18.1		6				6
				5.1		0.4				0.4
425	Pyrotech Electronics Pvt Ltd	Udaipur	Electronic Control Panel	12.5		3		3		
				5.1		0.5				0.5

426	Shree Charbhuj Engineers Pvt. Ltd.	Sanwar	Lead Alloys, Lead Ingots	9.1		72		72		
				9.2		72			72	
427	Hindustan Zinc Ltd.(Debari)	Devari	Lead Zinc	5.1		55			55	
				34.3		5424		5424		
				33.3						125
				17.2		27		27		
				5.2		970			970	
				7.2		100		100		
				33.2		350		350		
				7.2		1215		1215		
				7.2		1017		1017		
				7.2		750		750		
				7.2		62550			62550	
428	Hindustan Zinc Ltd ( Zawar Mines)	PO Zawar Mines	Lead Zinc Ore	5.1		4			4	
429	Gorwada Chemicals	Udaipur	Ni Catalyst	33.3						100
					B-6		100	100		
				33.2		1		1		
430	PI Industry Ltd.	Udaipur	Pesticide Technical	34.3		40		40		
				5.1		3.52			3.52	
				33.3						
				36.2		180		180		
				36.4		3		3		
				33.1		4.5		4.5		
				35.1		157.24		157.24		
				29.1		371.6		371.6		
				34.4		3		3		
				29.2		80		80		
				36.1		3.6			3.6	
431	Bharat Petroleum Corporation Ltd	Udaipur	Petroleum Storage	3.3		0.1		0.1		

432	Hindustan Petroleum Corporation Limited	Udaipur		3.3		0.1		0.1		
433	Indian Oil Corporation Ltd (Bulk Depot)	Udaipur		3.3		12		12		
434	Lipidata Systems	Udaipur	Printers & Cartiges	4.4		0.1			0.1	
				19.1		0.31		0.31		
				5.1		0.1				0.1
				21.1		0.1		0.1		
435	RSMM Ltd (Jhamarkotda)	Jhamarkotda	Rock Phosphate	5.2		20			20	
				5.1		45				45
436	Anmol Chemicals	Pherion ka Guda	Secondary Copper	8.2		180		180		
437	Vimal Chemicals	Udaipur		34.3		18				18
				8.2		180		180		
438	Precicious Metals Recyclers	Gudli	Secondary Metal	9.2		150				150
				9.1		150		150		
440	Metson Metals & Chemivals (P) Ltd	Udaipur	Secondary Zinc	6.2		60				60
441	Rose Zinc Ltd.	Udaipur		6.1		300		300		
				33.3						300
				5.1		0.5				0.5
				6.4		0.03				0.03
				6.3		0.03				0.03
				8.3		0.3		0.3		
				8.2		55		55		
				6.2		6500				6500
442	P.R. Enterprises	Gudli (Udaipur)	Secondary Zinc/ Copper	8.2		210		210		
443	Raj Industries	Gudli		8.2		120		120		
444	AK Enterprises	Udaipur	Na <sub>2</sub> SiF <sub>6</sub>	34.4		2.5		2.5		

445	Easy Chemicals	Udaipur		34.4		2.4		2.4		
446	Shree Laxmi Products	Udaipur		34.3		2.4				2.4
447	Aravali Phosphates Pvt. Ltd.	Umarda	SSP	5.1		0.3				0.3
					D-2		3735			3735
				36.1		62				62
448	Bohra Industries Pvt. Ltd.	Umarda		36.1		150				150
				5.1		1.2				1.2
					D-2		148			148
449	Dharamsi Morarji Chemical Co Ltd	Khemli, Udaipur		36.1		51				51
					D-2		225			225
				5.1		3				3
450	Indian Phosphate Ltd	Umerda		5.1		0.8				0.8
					D-2		200			200
				36.1		60				60
451	Liberty Pesticides & Fertilizers Ltd	Udaipur		36.1		290				290
				5.1		0.5				0.5
					D-2		14400			14400
452	Rama Phosphates Ltd.	Udaipur		36.1		150				150
					D-2		138			138
				5.1		0.5				0.5
453	Sadhna Phosphates & Fert. Ltd.	Debari		5.1		0.7				0.7
				36.1		132				132
					D-2		657			657
454	Maulik Dye Chem	Udaipur	Sulphur Black	26.1		0.18				0.18
				35.3		0.06		0.06		
455	Perfect Thread Mills	Amberi	Threads	34.3		120				120
				5.1		0.3				0.3
456	Chamunda Petrochemicals P. Ltd.	Gudli	Used oil rerefiners	4.5		1400			1400	
				4.4		1200			1200	
				34.3		50		50		
				4.1		60			60	

457	Reliance Chematex Ltd.	Kanpur	Yarn	5.2		108			108		
				33.3							5086
				5.1		12				12	
				26.2		36		36			
458	RSWM Ltd.	Rishabhdeo	Yarn & Fibre	5.1		84				84	
459	JRD Metal Industries Ltd	Udaipur	Zinc Oxide	6.2		30		30			
460	Goverdhan Fertilizers	Gudli	Zinc Sulphate	6.1		30		30			
461	Swastic Zinc	Udaipur		6.1		120		120			
462	West India Chemicals	Udaipur		6.1		600		600			
			<b>Total</b>			<b>568892</b>	<b>147397</b>	<b>491220</b>	<b>41784</b>	<b>183285</b>	<b>98911</b>