National Inventory
on
Hazardous Waste Generation and its Management
(2017-2018)

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CENTRAL POLLUTION CONTROL BOARD

Ministry of Environment, Forest and Climate Change

Govt. of India

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1. INTRODUCTION

Hazardous waste is primarily generated from industrial activities and is required to be managed in an environmentally safe manner. The management of the hazardous waste is regulated as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 (HOWM Rules, 2016), notified by Ministry of Environment, Forest and Climate Change, Govt. of India under the Environment (Protection) Act, 1986. The HOWM Rules, 2016, lays down provisions w.r.t generation, packaging, storage, transportation, recycling/reprocessing, utilization, treatment, disposal, etc. of hazardous waste and obtaining authorization from the concerned State Pollution Control Board (SPCB) / Pollution Control Committee (PCC) for the same.

The HOWM Rules, 2016, also lays down the responsibility of occupier of hazardous waste for their safe and environmentally sound management following the waste management hierarchy viz. prevention, minimization, reuse, recycle, recovery, utilization and lastly safe disposal. The recycling and utilization as resource or energy recovery of hazardous waste are preferential option over disposal of hazardous waste since it conserves resources and leads to reduction of carbon foot print. Utilization of hazardous waste by co-processing in cement Kiln has proven a sustainable option because there is a dual benefit in terms of utilizing the waste as supplementary fuel as well as alternative raw material. The HOWM Rules, 2016, has stipulated provisions about such utilization of hazardous waste as resource or energy recovery.

The HOWM Rules, 2016, stipulates provisions for maintaining records and filing annual returns pertaining to hazardous waste generation and their management. As per Rule 20(2) of the HOWM Rules, 2016, the occupier handling hazardous waste and operator of the disposal facility are required to submit the annual return (about hazardous wastes generation, storage, recycling, utilization, disposal, etc) in the prescribed Form to SPCB/PCC by 30th June of every financial year. Based on which, SPCBs/PCCs are required to prepare annual inventory of the waste generated, recycled, utilized, disposed, etc. for the respective State/UT and submit the same to CPCB by 30th September of every financial year in accordance with the provisions stipulated under Rule 20(3) of the HOWM Rules, 2016. And, as per Rule 20(4) of the HOWM Rules, 2016, CPCB is required to prepare consolidated report on management of hazardous wastes and submit the same to the Ministry of Environment, Forest and Climate Change before 30th December once in every year.

This national inventory report on hazardous waste generation and its management has accordingly been prepared based on annual inventory received from SPCBs/PCCs for the financial year April 2017 – March 2018.

The inventory report outlines state wise/district wise generation of hazardous waste (i.e landfillable, incinerable, recyclable and utilisable) their recycling, utilization, disposal and storage including details of hazardous waste imported and exported

from/to other parts of the country alongwith details on interstate movement of hazardous waste within the country; availability of recycling/utilization facilities and common/captive TSDFs

2. METHODOLOGY

2.1 FORMATS FOR REPORTING OF INVENTORY DATA

In order to comply with the provisions of HOWM Rules, 2016 and for preparation of National Inventory on Hazardous Waste generation and its management, CPCB prepared following 09 formats to obtain information from SPCBs/PCCs:

a) **Format A1**-district-wise details on number of Hazardous Waste (HW) generating industries, quantity of landfillable, incinerable, recyclable and utilizable HW generated (both as per authorization and annual returns), quantity of HW imported and exported.

b) **Format A2-**Inter-state movement of HW for incineration, landfilling, recycling, co-processing and utilization (other than co-processing).

c) **Format A3-** district-wise quantity of HW recycled and utilized (includes co-processing; other than co-processing and captive utilization)- for both HW generated within state/UT and received from other state.

d) **Format A4-** district-wise quantity of landfillable/ incinerable HW disposed in captive and common TSDF (for HW generated within state/UT and received from other state).

e) **Format A5-** district-wise details on quantity of HW (landfillable, incinerable, recyclable and utilizable) stored at occupiers' premises at the beginning of the financial year (i.e. 01.04.2017) and at the end of financial year i.e. 31st March 2018.

f) **Format B-** details on number of authorized recycler/utilizers/co-processors and their authorized capacity and quantity of HW recycled, utilized and co-processed.

g) **Format C-** list of authorized recycler/utilizers/co-processors and their authorized capacity and quantity of HW recycled, utilized and co-processed.

h) **Format D1-** details on the quantity of landfillable/incinerable hazardous wastes received, disposed and stored in common TSDFs.

i) **Format D2**-details on the quantity of landfillable/incinerable hazardous wastes disposed in captive TSDFs.

Copy of the above formats are given at **Annexure-1**.

These formats were circulated to all SPCBs/PCCs vide letter dated 04/06/2018 for submitting information on or before 30th September 2018, so as to prepare national inventory on hazardous waste generation and its management. The matter was also pursued with SPCBs/PCCs for timely submission of annual inventory. However, except Mizoram PCB (who submitted within the stipulated time of 30st September, 2018), remaining SPCBs/PCCs have responded during October, 2018-January, 2019 whereas Daman & Diu and Nagar Haveli has submitted the annual inventory in July, 2019.

31 SPCBs/PCCs have submitted the annual inventory on hazardous waste generation and its management for the year 2017-18, however, 04 SPCB/PCCs (namely Andaman & Nicobar, Arunachal Pradesh, Lakshadweep and Manipur) have not submitted the annual inventory report.

2.2 EXAMINATION AND EVALUATION OF INFORMATION

The annual inventory reports submitted by SPCBs/PCCs were examined by CPCB and following common gaps/issues have been observed in the annual inventories of the SPCBs/PCCs:

a) Mismatch between the quantity of each type of hazardous waste (i.e. Landfillable/ Incinerable/Recyclable/ Utilizable) generated and its management in terms of disposal /recycled/utilized/co-processed and stored.

b) The quantity of hazardous wastes generated (as reported in annual return), is more than authorized quantity and vice-versa by some of the SPCBs/PCCs.

c) Mismatch in the quantity of interstate movement of hazardous waste for recycling/utilization either by sender or receiver SPCB/PCC.

d) Difference between the quantities of hazardous waste sent for recycling/co-processing/ utilization (as reported in Format A3) with the quantity reported in Format B.

   Similarly, mismatch between the quantity of landfillable/incinerable hazardous wastes sent for disposal in common/captive TSDFs (as reported in Format A4) with the quantity of hazardous wastes received at the common TSDF (in Format D1 and D2 respectively).

e) Mismatch between the details on numbers of recycler/utilizers/co-processors, their authorized capacity and quantity recycled/utilized/co-processed by them as reported in Format B with details list of such each recycler/utilizers/co-processors provided in Format C.

f) Reporting of quantity of hazardous waste in KL and numbers.

g) Details on number & capacity of common and captive secured landfill facility and cumulative quantity disposed in the facilities have been not reported as per format D1 and D2.

h) Reporting of same quantity of hazardous waste disposed in common and captive secured landfills.

The above common gaps were communicated to SPCBs/PCCs for verification of data and submission of revised annual inventory.

3. CONSTRAINS OF THE REPORT

Out of 31 annual inventories received, 19 SPCBs/PCCs namely Andhra Pradesh, Assam, Bihar, Chandigarh, Chhattisgarh, Delhi, Goa, Gujarat, Himachal Pradesh, Maharashtra, Nagaland, Odisha, Sikkim, Tripura, Tamil Nadu, Uttar Pradesh, Uttarakhand, West Bengal and Puducherry have submitted the revised inventory report. DDD&NH has submitted the annual inventory in July, 2019, therefore, gaps/issues not communicated to them.

However, 11 SPCBs/PCCs namely Haryana, Jammu & Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Meghalaya, Mizoram, Punjab, Rajasthan and Telangana have not submitted the revised inventory report based on the gaps identified/communicated by CPCB.

Therefore, due to above anomalies/gaps as outlined in section 2.2 and non-submission of revised inventory from aforesaid SPCBs/PCCs, this national inventory report has following constraint:

i. Hazardous waste generation and their management in Arunachal Pradesh has not been incorporated in this report as the annual inventiory has not been submitted to CPCB. Further, for preparation of the annual inventory of 2017-18, the previous year inventory data (i.e. 2016-17) provided by Andaman & Nicobar, Lakshadweep and Manipur have been incorporated in this report.

ii. Most of the SPCBs/PCCs have reported that not all the occupiers available in their State/UT have submitted the annual returns.

iii. Reporting of individual quantity of hazardous waste (i.e. landfillable/incinerable/recyclable/ utilisable) stored at occupier's premises at the beginning and end of financial year has not been provided by Goa, Meghalaya, Mizoram, Nagaland and Uttar Pradesh.

Further, generation and management of individual quantity of utilizable and recyclable hazardous waste at national level could not be addressed, as Gujarat PCB reported combined quantity of utilizable and recyclable hazardous waste.

iv. State like Kerala, Meghalaya and Assam have not submitted details on interstate movement of hazardous waste for recycling/ utilization/ disposal, therefore the same has not been incorporated in this report.

v. Verified data with regard to interstate movement of hazardous waste for recycling/utilization/disposal has not been provided by most of the SPCBs/PCCs which resulted into difficulty in reporting of data at national level including accounting of hazardous waste generation and its management.

vi. Reporting of information in KL and numbers despite of follow-ups for uniform reporting. The same has been converted from KL to Metric Tonnes by multiplying with 01 (assuming specific gravity of used oil and waste oil equivalent to 01.

Further, numbers have been estimated into Metric Tonnes by multiplication factor of (100.05/1000). The said factor has been estimated assuming maximum and minimum weight of empty barrels as 200kg and 0.1kg and taking average of them followed by applying factor for conversion of kg into Metric Tonnes). The above multiplication factor has been considered based on discussion with SPCBs/PCCs during the workshop held on 06/03/2018 and has also been detailed in the annual inventory report on hazardous waste generation and its management for the year 2016-17

vii. Details on import & export (i.e type/category of waste, importing/exporting country and product manufactured) and captive utilization of hazardous waste (w.r.t. source of generation, type/category of such HW, their utilization process details and product manufactured) have not been incorporated in this inventory report as the same were not sought through the aforesaid format. However, after examination of the annual inventories CPCB has requested SPCBs/PCCs to provide said details.

4. FINDINGS

4.1 STATUS ON HAZARDOUS WASTE GENERATION:

There are 66,914 numbers of hazardous waste generating industries, which are authorized to generate 38.41 Million MT of hazardous waste. Whereas, based on annual returns submitted by the occupiers about 9.44 Million MT of hazardous waste was generated during 2017-18.

Out of 9.44 Million MT quantity of generated hazardous waste, about 3.57 million MT is landfillable hazardous waste (37.76% of total generation); 0.73 Million MT is incinerable hazardous waste (7.73% of total generation) and 5.15 Million MT is recyclable and utilizable hazardous waste (54.51% of total generation) and the same is depicted in **Figure 1** below.

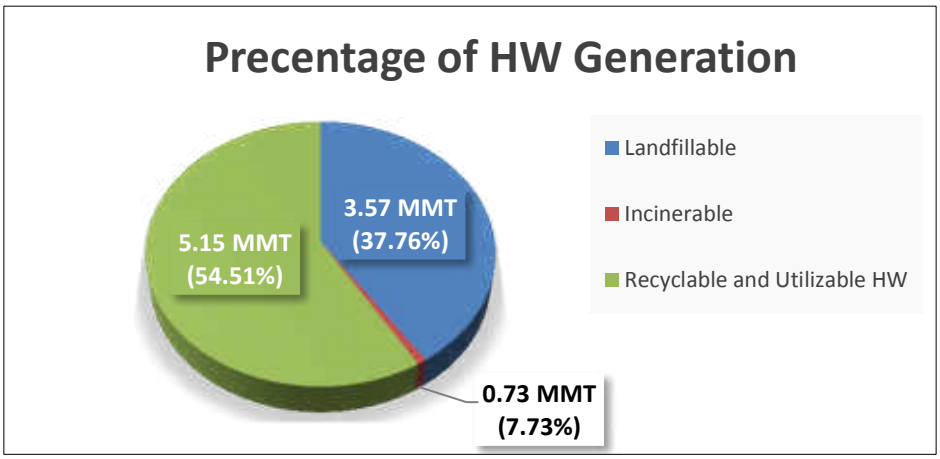

Figure 1: Percentage of Hazardous Waste Generated

The State/UT wise details on hazardous waste generation are given in **Table I**.

Top 11 hazardous waste generating states are Gujarat (46.07%), Rajasthan (8.07%), Odisha (6.84%), Andhra Pradesh (6.31%), Tamil Nadu (6.11%), Maharashtra (5.29%), Karnataka (3.34%), Jharkhand (2.67%), Madhya Pradesh (2.66%), Telangana (2.65%) and Uttar Pradesh (2.56%), which together contributes about 92.57% of total hazardous waste generated. State-wise status of hazardous waste generation is also presented in **Figure 2**.

The top landfillable hazardous waste generating States are Gujarat (45.16%), Rajasthan (16.68%), Maharashtra (8.25%), Jharkhand (5.17%), Tamil Nadu (5.13%), Andhra Pradesh (4.99%), Telangana (3.26%), Odisha (1.68%), Kerala (1.67%) and Uttar Pradesh (1.61%) which together contribute 93.60% quantity of landfillable hazardous waste generated.

Similarly, the top incinerable hazardous waste generating States are Gujarat (72.60%), Tamil Nadu (4.33%), Maharashtra (7.01%), Haryana (3.08%), Karnataka (2.95%), Goa (2.59%) and Uttar Pradesh (1.96%) that together contribute 94.52% quantity of incinerable hazardous waste generated.

Further, 90.20% of recyclable and utilizable quantities of hazardous waste generated in the country are contributed by States of Gujarat (42.94%), Odisha (11.38%), Andhra Pradesh (8.04%), Tamil Nadu (7.04%), Karnataka (5.00%), Madhya Pradesh (3.73%), Uttar Pradesh (3.31%), Rajasthan (3.23%), Maharashtra (2.99%) and Telangana (2.54%).

State-wise details on Hazardous waste Generation & its management as submitted by 31 SPCBs/PCCs is provided as **Annexure-2**.

Table I: State-wise Status of Hazardous Waste Generation in the Country

SPCB/PCC	No. of Hazardous Wastes Generating Industries	Authorized Quantity of Hazardous waste (MT)					Quantity of Hazardous waste generated as per Annual Return within the state/UT (MT)				
		Landfillable	Incinerable	Recyclable	Utilizable	Total	Landfillable	Incinerable	Recyclable	Utilizable	Total
Andaman and Nicobar Islands$	0	Not applicable									
Andhra Pradesh	2503	575530	118158	431272	2032900	3157859	177791	4024	103212	310721	595749
Arunachal Pradesh	Annual Inventory not submitted										
Assam	77	0	0	0	0	0	9965	0	6946	32132	49043
Bihar	152	45	207	1533	0	1784	42	131	953	1980	3106
Chhattisgarh	282	56566	23173	9766	162490	251995	11900	4645	3042	84274	103861
Delhi	301	5829	0	904	0	6733	4751	0	777	0	5528
Gujarat	20169	21703712				21703712	1610000	530000	2210000		4350000
Goa	1440	18237	47591	10156		75984	3046	18898	1565	2522	26031
Haryana#	4310	22834	27932	353667	3632	408066	13666	22476	33108	1707	70957
H.P.	3541	84299	0	9648	9892	103839	14538	0	6654	3263	24455
J.& K.#	227	190	392	3642	272	4496	190	392	3642	272	4496
Jharkhand#	556	185625	3485	31067	46089	266266	184428	2948	19730	45361	252467
Karnataka#	3302	68278	84003	350001	633132	1135414	36338	21551	66718	190845	315453
Kerala#	1222	59774	17	59130	0	118922	59637	17	55739	0	115394
Lakshadweep$	0	Not applicable									
Madhya Pradesh#	2564	195602	25426	206728	1242384	1670140	52134	6912	70079	122109	251234
Maharashtra	6353	725444	353287	1091514	276429	2446674	294238	51198	108548	45148	499133
Manipur$	255	Information not provided by Manipur PCB				336.8	Information not provided by Manipur PCB				
Meghalaya#	14	517				517	459				459
Mizoram#	33	0	0	0	0	0	0	0	0	0	0

SPCB/PCC	No. of Hazardous Wastes Generating Industries	Authorized Quantity of Hazardous waste (MT)					Quantity of Hazardous waste generated as per Annual Return within the state/UT (MT)				
		Landfillable	Incinerable	Recyclable	Utilizable	Total	Landfillable	Incinerable	Recyclable	Utilizable	Total
Nagaland	01	0	0	10	0	10	0	0	10	0	10
Odisha	335	141358	1498	30715	800114	973685	60028	386	5419	580279	646112
Punjab#	3284	36397	10371	35715	126909	209391	27927	3505	27609	54327	113367
Rajasthan#	1511	632281	467320	197880	2025548	3323029	594756	1259	40568	125443	762027
Sikkim	56	0	600	0	0	600	0	1051	0	0	1051
Tripura	171	5	4	274	5	287	5	4	262	2	273
Tamil Nadu	3750	243351	77040	426303	213830	960525	182741	31599	216450	145943	576733
Telangana#	2642	207196	117427	137191	65499	527314	116217	3144	50323	80312	249996
Uttar Pradesh	2366	71080	17889	74134	138705	301809	57284	14312	59307	110964	241867
Uttarakhand	3699	16014	6569	24000	2867	49450	4502	3191	10936	2278	20907
West Bengal	1044	53011	9959	48565	67117	178652	46886	6282	23779	49627	126573
Daman& Diu, Dadra & NH	362	1683.137	1469.242	8133.928	0	11286.31	1413.175	1663.433	979.7625	0	4056.371
Puducherry	147	15	1591	13299	424167	439072	4	398	1567	24456	26425
Chandigarh	245	25	2	8713	0	8741	129	25	1962	0	2116
Total	**66914**	**25104898***	**1395406.52***	**3645040***	**8271981***	**38417669**	**3565013**	**730012**	**3132882***	**2013965***	**9441872**

SPCBs/PCCs have not provided revised inventory.

* Value does not include individual quantity of landfillable/incinerable/utilisable/recyclable HW generated in the states of Gujarat and Meghalaya

$ Data pertains to 2016-17, as inventory report of 2017-18 not provided by A & N Island, Lakshadweep and Manipur PCB.

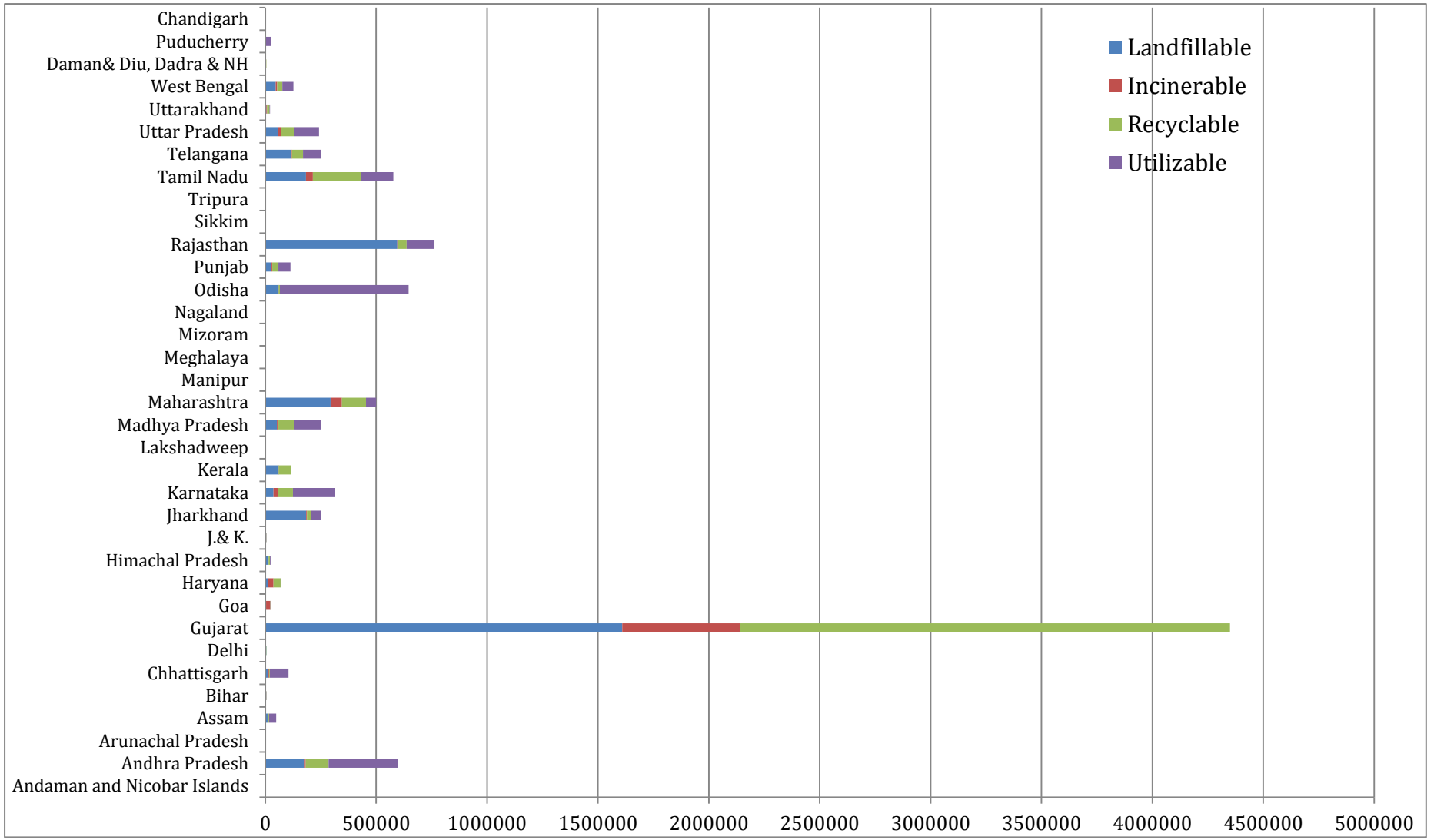

Figure 2: State-wise Status of Hazardous Waste Generation in the Country (MT)

Based on the annual inventories submitted by the SPCBs/PCCs, about 9.44 Million MT of hazardous waste has been generated during the year and 1.36 Million MT of hazardous waste was stored at occupiers' premises at the beginning of financial year (i.e 1st April, 2017), therefore net quantity of hazardous waste available for management during the year (i.e. 2017-18) is 10.8 Million MT.

Out of which about 3.01 Million MT of hazardous waste has been disposed through common and captive TSDFs, 4.84 Million MT has been recycled/utilized and about 2.88 million MT has been stored at occupier's premises at the end of financial year. The same has been given below and also illustrated in **Figure 3**:

1.	Quantity of HW disposed		**3.01 Million MT (27.87%)**
	(i) Common SLF	:	1.94 Million MT
	(ii) Common Incinerator	:	0.18 Million MT
	(iii) Captive SLF	:	0.81 Million MT
	(iv) Captive Incinerator	:	0.08 Million MT
2.	Quantity of HW Recycled/ Utilized		**4.84 Million MT (44.81%)**
	(i) Recycling of commonly recyclable hazardous wastes (Schedule IV listed wastes under the HOWM Rules, 2016)	:	1.21 Million MT
	(ii) Co-processing in Cement Kilns	:	1.05 Million MT
	(iii) Captive utilization		2.24 Million MT
	(iv) Non-captive utilization (other than (ii) above) under Rule 9 of the HOWM Rules, 2016	:	0.34 Million MT
3.	Quantity of hazardous waste stored at occupiers' s premises at the end of financial year	:	**2.88 Million MT (26.66%)**

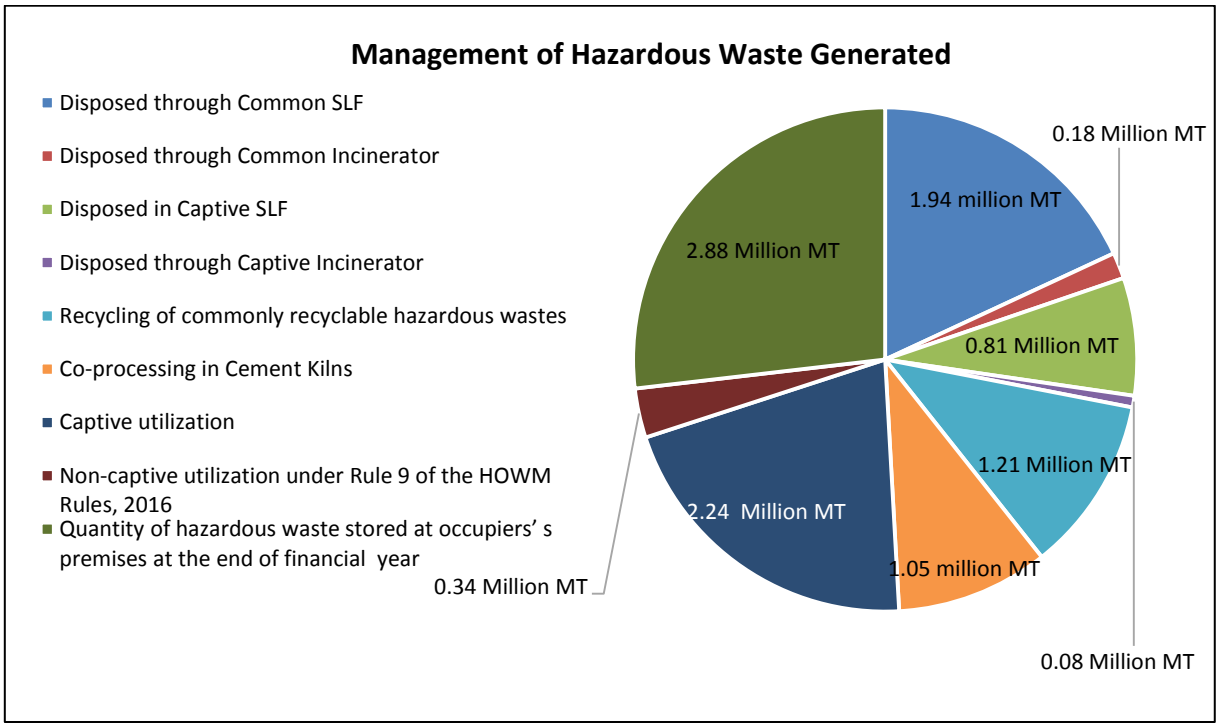

Figure 3: Management of Hazardous Waste Generated Within the Country during the year 2017-18

4.2 COMPARISON BETWEEN ANNUAL INVENTORY - 2016-17 AND 2017-18:

S. No.	Status of Hazardous waste generation and its management	2016-17 (Million MT)	2017-18 (Million MT)
1.	Number of HW Generating units	56,350	66,914
2.	Quantity of HW Generated	7.17	9.44
3.	Quantity of HW disposed	2.84	3.04
	(i) Common SLF	1.68	1.94
	(ii) Common Incinerator	0.89	0.18
	(iii) Captive SLF	0.23	0.81
	(iii) Captive Incinerator	0.05	0.08
4.	Quantity of HW Recycled/ Utilized	3.68	4.84
	(i) Recycling of commonly recyclable HW (Schedule IV listed wastes under the HOWM Rules, 2016)	1.00	1.21
	(ii) Co-processing in Cement Kilns	0.55	1.05
	(iii) Captive utilization	1.66	2.24
	(iv) Non-captive utilization (other than Above) under Rule 9 of the HOWM Rules, 2016	0.47	0.34
5.	Number of authorized recyclers	1733	1949
6.	Number of authorized utilizers	224	480
7.	Number of authorized co-processor (in cement plant)	65	72
8.	Number of common TSDFs	42	42

The above comparison between the Annual Inventory Report of 2016-17 and 2017-18 reveals that:

1. There is increase of 10564 numbers of hazardous waste generating units (about 19%) as compared to the numbers of hazardous waste generating units reported in the 2016-17.

2. Simultaneously, there is increase of 2.27 Million MT (i.e. 32%) of hazardous waste generated from 7.17 million MT (2016-17) to 9.44 million MT (2017-18).

3. As per the Annual Inventory Report 2016-17, about 90 % of generated hazardous waste has been recycled/utilized/disposed, whereas, during 2017-18 about 83% of generated hazardous waste have been recycled/utilized/disposed and remaining hazardous waste is stored within the occupier's premises.

4. The number of authorized recyclers/utilizers/co-processor have increased from 2016-17 to 2017-18, however, number of common facilities remains the same.

4.3 IMPORT AND EXPORT OF HAZARDOUS WASTE

The Ministry of Environment, Forest and Climate Change is the nodal Ministry to deal with the transboundary movement of the hazardous and other wastes in accordance to the provisions laid down under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Hazardous and other waste specified in Part A and Part B of Schedule III of the HOWM Rules, 2016 are required to be imported or exported by actual users in accordance with the provisions laid down under HOWM Rules, 2016. Based on information provided by SPCBs/PCCs it was observed that only 10 States/UTs namely DD&DNH, Goa, Karnataka, Madhya Pradesh, Puducherry, Punjab, Rajasthan, Tamil Nadu, Telangana and West Bengal are involved in the Import and Export of Hazardous and Other waste. State-wise details on quantity of hazardous and other waste imported and exported are given in **Table II.**

Further, as outlined in section 3 of this report, CPCB also requested SPCBs/PCCs (which are involved in import and export) to provide the details on importing/exporting country, type/category of hazardous and other waste and product manufactured. However, the same have not been provided by SPCBs/PCCs.

Table II: State-wise Status on Import and Export of Hazardous and Other Waste

S.No.	States/UTs	Quantity Imported	Quantity Exported
1	Andaman and Nicobar Islands	-	-
2	Andhra Pradesh	0	0
3	Arunachal Pradesh	-	-
4	Assam	0	0
5	Bihar	0	0

S.No.	States/UTs	Quantity Imported	Quantity Exported
6	Chhattisgarh	0	0
7	Delhi	0	0
8	Gujarat	0	0
9	Goa	77739.384	0
10	Haryana#	0	0
11	H.P.	0	0
12	J.& K.#	0	0
13	Jharkhand#	0	0
14	Karnataka#	532.465	50.385
15	Kerala#	0	0
16	Lakshadweep	-	-
17	Madhya Pradesh#	1179.18	798.5
18	Maharashtra	0	0
19	Manipur	-	-
20	Meghalaya#	0	0
21	Mizoram#	0	0
22	Nagaland	0	0
23	Odisha	0	0
24	Punjab#	7254.704	0
25	Rajasthan#	257839.37	1284.73
26	Sikkim	0	0
27	Tripura	0	0
28	Tamil Nadu	32871.84	11
29	Telangana#	0	3113.955
30	Uttar Pradesh	0	0
31	Uttarakhand	0	0
32	West Bengal	23385.4	0
33	Daman& Diu, Dadra & Nagar Haveli	30894.3618	0
34	Puducherry	50385.947	0
35	Chandigarh	0	0
	Total	**482082.6518**	**5258.57**

SPCBs/PCCs have not provided revised inventory.

4.4 INTERSTATE MOVEMENT OF HAZARDOUS WASTE

About 0.83 Million MT of hazardous waste has been reported to either sent or received by the States/UTs for the purpose for recycling / utilisation/ disposal. Of the 0.83 Million MT, about 163.53 MT of hazardous waste has been sent to other state for disposal in common secured landfill; 9619.31 MT for incineration at common

incinerator; 0.15 Million MT for recycling; 0.59 Million MT for co-processing and 0.07 Million MT for utilization (other than co-processing).

Details of the interstate movement of landfillable and incinerable hazardous waste are given in **Table III** and recycling/utilisation is given at **Table IV.**

Table III: Details of the interstate movement of landfillable and incinerable hazardous waste

S.No.	States/UTs	Quantity Of Hazardous Waste Received From Other States		Quantity Of Hazardous Waste Sent To Other States	
		Landfillable	Incinerable	Landfillable	Incinerable
1	Andaman and Nicobar Islands$	Not applicable			
2	Andhra Pradesh	0	0	0	0
3	Arunachal Pradesh	Inventory Not Submitted			
4	Assam				
5	Bihar	0	0	30.00	0
6	Chhattisgarh	0	0	0	0
7	Delhi	0	0	0	0
8	Gujarat	0	0	0	0
9	Goa	0	0	0	2,479.31
10	Haryana#	0	0	0	0
11	H.P.	0	0	0	0
12	J.& K.#	0	0	0	241.12
13	Jharkhand#	0	0	0	0
14	Karnataka#	0	0	0	0
15	Kerala#	0	0	0	0
16	Lakshadweep$	Not applicable			
17	Madhya Pradesh#	0	0	0	0
18	Maharashtra	0	2,624.92	0	0
19	Manipur$	Information not provided by Manipur PCB			
20	Meghalaya#	0	0	0	0
21	Mizoram#	0	0	0	0
22	Nagaland	0	0	0	0
23	Odisha	0	0	0	19.90
24	Punjab#	0	0	0	0
25	Rajasthan#	0	0	0	3.5
26	Sikkim	0	0	0	1,050.83
27	Tripura	0	0	4.50	4.00
28	Tamil Nadu	0	0	0	0
29	Telangana#	0	0	0	0
30	Uttar Pradesh	0	1,781.64	0	3.50

S.No.	States/UTs	Quantity Of Hazardous Waste Received From Other States		Quantity Of Hazardous Waste Sent To Other States	
		Landfillable	Incinerable	Landfillable	Incinerable
31	Uttarakhand	0	0	0	0
32	West Bengal	0	1,050.85	0	0
33	DDD & NH	0	0	0	
34	Puducherry	0	0	0	335.00
35	Chandigarh	0	0	129.03	24.73
	Total	**0**	**5,457.41**	**163.53**	**4,161.90**

SPCBs/PCCs have not provided revised inventory.
$ Data pertains to 2016-17, as inventory report of 2017-18 not provided by A & N Island, Lakshadweep and Manipur PCB.

It was observed that states which are not having Common disposal facilities such as Bihar, Tripura and Chandigarh have sent their landfillable waste for disposal into common secured landfill of the other states. Similarly, the States of Goa, Jammu & Kashmir, Odisha, Sikkim, Tripura, UP, Puducherry and Chandigarh have sent their incinerable waste to other states for incineration through common incinerator.

The States of Maharashtra, Uttar Pradesh and West Bengal has reported about the receipt of incinerable hazardous waste from other states.

Therefore, above reveals that States not having TSDFs are predominately having sharing arrangements with the Common Incinerator compared to the Common Secured landfills of the neighbouring States.

Table IV: State wise quantity of HW received from other state and sent to other state for recycling and utilization

S.No.	States/UTs	Quantity Of Hazardous Waste Received From Other States			Quantity Of Hazardous Waste Sent To Other States		
		For recycling by Schedule IV recyclers	For utilization in co-processing	For utilization under Rule 9	For recycling by Schedule IV recyclers	For utilization in co-processing	For utilization under Rule 9
1	Andaman and Nicobar Islands$	Not applicable					
2	Andhra Pradesh	49.79	51,153.64	2658.447	256.05	13,025.46	134.44
3	Arunachal Pradesh	Inventory Not Submitted					
4	Assam	Format A2 Not Provided					
5	Bihar	0.00	0.00	0.00	0.00	2,513.00	0.00
6	Chhattisgarh	2,564.22	14,363.72	9683.91	1,807.91	0.00	0.00
7	Delhi	0.00	0.00	0.00	0.00	0.00	0.00
8	Gujarat	0.00	0.00	0.00	0.00	1,73,437.00	0.00
9	Goa	0.00	0.00	0.00	913.95	1,240.64	997.69
10	Haryana#	3,078.30	0.00	0.00	0.00	22,644.50	0.00
11	Himachal Pradesh	5,486.00	0.00	0.00	642.20	0.00	0.00
12	J.& K.#	40,287.37	0.00	0.00	1,929.42	26.46	0.00
13	Jharkhand#	0.00	0.00	0.00	0.00	0.00	0.00
14	Karnataka#	585.00	31,989.90	0.00	834.51	0.00	0.00
15	Kerala#	0.00	0.00	0.00	0.52	0.00	0.00
16	Lakshadweep$	Not applicable					
17	Madhya Pradesh#	11,419.74	0.00	0.00	2,477.50	0.00	8,502.08
18	Maharashtra	0.00	0.00	0.00	0.00	0.00	0.00

S.No.	States/UTs	Quantity Of Hazardous Waste Received From Other States			Quantity Of Hazardous Waste Sent To Other States		
		For recycling by Schedule IV recyclers	For utilization in co-processing	For utilization under Rule 9	For recycling by Schedule IV recyclers	For utilization in co-processing	For utilization under Rule 9
19	Manipur	Information not provided					
20	Meghalaya#	Information Not Provided					
21	Mizoram#	0.00	0.00	0.00	0.00	0.00	0.00
22	Nagaland	0.00	0.00	0.00	10.00	0.00	0.00
23	Odisha	1,354.08	0.00	0.00	2,204.68	39.98	2813.47
24	Punjab#	12,345.27	0.00	0.00	0.00	304.88	0.00
25	Rajasthan#	38,568.05	2,14,134.45	5,136.86	1,901.22	0.00	0.00
26	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00
27	Tripura	0.00	0.00	0.00	261.66	0.00	2.46
28	Tamil Nadu	1,570.76	1,997.48	9,284.00	0.00	0.00	0.00
29	Telangana#	0.00	26,614.17	0.00	0.00	35,485.15	0.00
30	Uttar Pradesh	0.00	0.00	0.00	0.00	1,025.97	0.00
31	Uttarakhand	0.00	0.00	0.00	563.70	0.00	7,756.14
32	West Bengal	0.00	0.00	0.00	0.00	0.00	0.00
33	DDD & NH	20,702.69	0.00	8810.2599	952.12		
34	Puducherry	0.00	0.00	144.00	1,350.00	74.00	16,035.50
35	Chandigarh	0.00	0.00	0.00	1,961.56	0.00	0.00
	Total	**1,38,011.28**	**3,40,253.36**	**35,717.48**	**17,114.87***	**2,50769.15***	**36,241.78***

* Value does not include quantity of HW sent to other state by state Daman& Diu, Dadra & Nagar Haveli since individual quantity of landfillable/incinerable / recyclable/utilisable not reported.

SPCBs/PCCs have not provided revised inventory. $ Data pertains to 2016-17, as inventory report of 2017-18 not provided by A & N Island, Lakshadweep and Manipur PCB.

Above table reflects that of the 0.83 Million MT of hazardous waste (involved in interstate movement), about 71.38% is co-processed in cement plant followed by recycling i.e. 18.73% and utilization i.e. 8.69%.

The state specific details on interstate movement is also given in Annexure 2.

Further, as outlined in section 3 of the report, gaps in the quantity reported by either sender or receiver States has been observed which reveals that most of the SPCBs/PCCs have not verified the quantity of hazardous waste sent/received by them including reconcilation of manifest document by SPCBs/PCCs. Thus, in the absence of verified data with regard to interstate movement of hazardous waste for recycling/utilization/disposal, it is difficult to report the inventory accurately.

4.5 RECYCLING AND UTILIZATION (INCLUDING CO-PROCESSING) OF HAZARDOUS WASTE:

Hazardous waste generated need to be recycled or utilized in environmentally sound manner. The HOWM Rules, 2016, has stipulated provisions about utilization of hazardous waste as resource or energy recovery and emission standards for co-processing of wastes in Cement Kiln have been notified vide GSR 497 (E) dated 10.5.2016 under the Environment (Protection) Act, 1986. Central Pollution Control Board (CPCB) has published Guidelines for Pre-Processing and Co-Processing of Hazardous and Other Wastes in Cement Plant as per HOWM Rules, 2016. Further, CPCB has also prepared guidelines for environmentally sound recycling of commonly recyclable hazardous wastes such as Used Oil, Waste Oil, non-ferrous metals, etc. listed under Schedule IV of the under HOWM Rules, 2016. These Guidelines are available at CPCB website http://cpcb.nic.in/technical-guidelines/.

Besides these, CPCB has prepared 52 Standard Operating Procedures (SOPs) for utilization of 40 different categories of hazardous waste as a resource or energy recovery based on the trial run studies. The said SoPs were circulated to all SPCBs/PCCs for granting authorization after verification of minimal requisite facility. The details of these 52 SOPs are given at **Annexure-3** and the same are also available at CPCB website.

There are 1,949 authorized recyclers for recycling of hazardous waste, listed under Schedule IV of the HOWM Rules, 2016, having authorized capacity of 6.81 Million MT. During 2017-18, about 1.22 Million MT of hazardous waste has been recycled. State-wise details on numbers of authorized recycler's alongwith its capacity is given in **Table-V**.

Out of 1949 recyclers, 686 are lead bearing waste recyclers, 502 used & waste oil recyclers, 216 zinc bearing waste recyclers, 204 brass bearing waste recyclers, 155 E-waste recyclers, 125 copper bearing waste recyclers, 45 spent catalysts, 9 paint & ink sludge, etc. State-wise availability of such recyclers is illustrated in **Figure 4**.

There are 72 cement plants authorized for co-processing of hazardous wastes having authorized capacity of 10.12 Million MT and co-processed about 1.25 Million MT of hazardous waste during 2017-18. State-wise details on numbers of authorized co-processors and their capacity is provided in **Table-V.**

Gujarat, Rajasthan, Andhra Pradesh Tamil Nadu & Telangana together contributes more than 90% of total HW co-processed in cement plant and Gujarat leads with about 51.90%.

Apart from utilization of hazardous waste in cement plant, there are 480 authorized utilizer (utilising hazardous waste as per the SOPs prepared under Rule 9) having authorized capacity of 1.95 Million MT. State-wise details on numbers of authorized recyclers and their capacity is provided in **Table-V.**

During 2017-18, about 2.24 Million MT of hazardous waste has been utilized as captive utilization, out of which about 58% utilization of hazardous waste has been contributed by Gujarat, 10% by Andhra Pradesh, 8% by Karnataka and 5% by Madhya Pradesh. State-wise detail on quantity of hazardous waste recycled/co-processed/utilized including captive utilization is provided in **Table-VI.**

Table V: Details on Recycling/ Utilization/Co-Processing of Hazardous Waste

S.No.	SPCB/PCC	Commonly Recyclable Hazardous Waste		Utilization of Hazardous Waste under Rule 9		Co-processing in Cement Plants	
		No. of Authorised facilities for recycling	Total Authorized Capacity	No. of Authorised Facilities for utilization	Total Authorized Capacity	No. of Authorised Facilities for co-processing	Total Authorized Capacity
1	Andaman and Nicobar Islands$	Not applicable					
2	Andhra Pradesh	66	440117.83	117	4726.00	8	862706.97
3	Arunachal Pradesh	Annual Inventory not submitted					
4	Assam	12	41831.00				
5	Bihar	8	18940.00	0	0.00	0	0.00
6	Chhattisgarh	34	63663.00	35	223750.00	5	287211.52
7	Delhi	Format B not provided					
8	Gujarat	278	658666.00	69	310061.00	11	3888369.00
9	Goa	1	14580.00	1	360.00	INP	INP
10	Haryana#	130	651577.50	8	457070.00	2	Nil
11	H.P.	14	90285.00	16	4181.40	2	1900.00
12	J.& K.#	33	191430.70	0	0.00	0	0.00
13	Jharkhand#	8	31048.60	2	200.00	1	23500.00
14	Karnataka#	100	518023.05	36	105073.77	7	491208.71
15	Kerala#	4	44275.00	0	0.00	0	0.00

S.No.	SPCB/PCC	Commonly Recyclable Hazardous Waste		Utilization of Hazardous Waste under Rule 9		Co-processing in Cement Plants	
16	Lakshadweep$	Not applicable					
17	Madhya Pradesh#	106	402615.00	19	159755.00	2	645654.03
18	Maharashtra	443	1183634.00	21	80433.60	0	0.00
19	Manipur$	Information not provided					
20	Meghalaya#	Submitted inventory not as per prescribed format					
21	Mizoram#	33	0.02	0	0.00	0	0.00
22	Nagaland	1	10.00	0	0.00	0	0.00
23	Odisha	17	54093.00	12	223026.00	0	0.00
24	Punjab#	104	185475.32	16	120468.77	2	300.20
25	Rajasthan#	127	628593.85	9	8236.00	12	2577119.00
26	Sikkim	0	0.00	0	0.00	0	0.00
27	Tripura	0	273.76	0	4.92	0	0.00
28	Tamil Nadu	66	429493.72	20	50130.00	8	403657.00
29	Telangana#	50	511567.40	59	118090.10	10	940928.30
30	Uttar Pradesh	180	151436.61	21	47084.32	1	1000.00
31	Uttarakhand	15	81430.00	3	15000.00	1	1025.97
32	West Bengal	103	365223.00	14	12366.52	0	0.00
33	Daman& Diu, Dadra & NH	13	46480.00	0	0.00	0	0.00
34	Puducherry	3	8700.00	2	18100.00	0	0.00
35	Chandigarh	0	0.00	0	0.00	0	0.00
	Total	**1949**	**6813463.35**	**480**	**1958117.40**	**72**	**10124580.70**

*Quantity provided in terms of number has been converted into MT by applying the factor 0.10005. (as discussed in the annual inventory report of 2016-17)

SPCBs/PCCs have not provided revised inventory.

$ Data pertains to 2016-17, as inventory report of 2017-18 not provided by A & N Island, Lakshadweep and Manipur PCB.

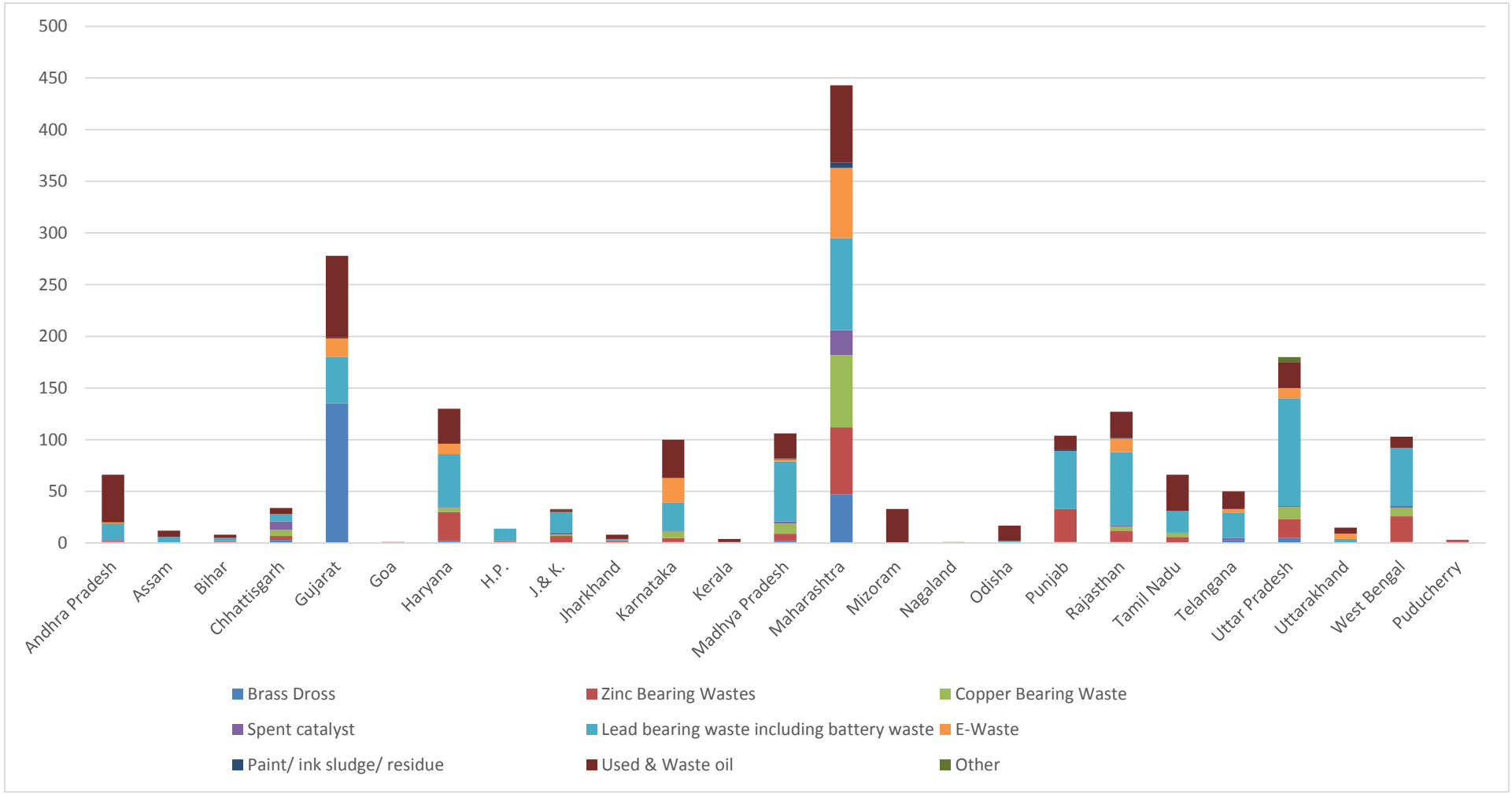

Figure 4: State-wise number of Schedules-IV Hazardous waste recyclers

Table VI: State-wise Quantity of Hazardous Waste Recycled/Utilized/Co-processed

S.No.	States/UTs	Recycled(MT)	Utilized under Rule9(MT)	Co-processed in Cement Kiln (MT)	Captive Utilization (MT)
1.	Andaman & Nicobar Islands	-	-	-	-
2.	Andhra Pradesh	101080	55823	68750	225350
3.	Arunachal Pradesh	-	-	-	-
4.	Assam	3605	0	0	33602
5.	Bihar	3552	0	0	0
6.	Chhattisgarh	4051	11692	15640	79367
7.	Delhi	0	0	0	0
8.	Gujarat	84914	77400	477172	1298135
9.	Goa	651	243	0	41
10.	Haryana#	36582	7	1713	0
11.	H.P.	11486	1237	1977	0
12.	J.& K.#	41800	0	0	178
13.	Jharkhand#	3893	0	1230	45354
14.	Karnataka#	56008	8803	59092	181957
15.	Kerala#	55734	0	0	0
16.	Lakshadweep	-	-	-	-
17.	Madhya Pradesh#	75911	67143	5527	106360
18.	Maharashtra	301497	0	0	0
19.	Manipur	-	-	-	-
20.	Meghalaya#	447	0	0	0
21.	Mizoram#	0	0	0	0
22.	Nagaland	10	0	0	0
23.	Odisha	4364	0	0	62990.9
24.	Punjab#	37317	32693	289	20219
25.	Rajasthan#	81055	2747	277748	58318
26.	Sikkim	0	0	0	0
27.	Tripura	0	0	0	0
28.	Tamil Nadu	124108	14142	84579	27712
29.	Telangana#	50183	14840	56512	0
30.	Uttar Pradesh	59307	47084	1000	62880
31.	Uttarakhand	10901	0	693	10
32.	West Bengal	53169	0	0	27087
33.	DDD & NH	14803	0	0	11772
34.	Puducherry	121	7082	0	0
35.	Chandigarh	0	0	0	0
Total		**1216547**	**340934**	**1051921**	**2241337**

4.6 DISPOSAL OF HAZARDOUS WASTE IN COMMON AND CAPTIVE TSDFs

The hazardous waste can be disposed at captive treatment facility installed by the individual waste generator or at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDFs) where the group of the industries send their hazardous waste for disposable through either incinerator or secured land fill (SLF).

4.6.1 Common TSDFs

There are 42 Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDFs) in 18 States/UT. Of which 18 are integrated TSDFs having both Secured Landfills and Incinerators; 10 have only common incinerators, and 14 have only Secured Landfills. Details of Available Common Integraed TSDFs with Common Incineration & Secured Landfill is given as **Annexure-4**. State/UT wise availability of common facility and quantity of hazardous waste disposed in same is given below in **Table VII.**

During 2017-18, about 1.93 Million MT of landfillable hazardous waste disposed in common secured landfill and 0.16 Million MT of hazardous waste disposed through common incineration.

Table VII: Availability of Common Integrated Treatment, Storage & Disposal Facilities (TSDFs) with Common Incinerators & Secured Landfill

S. No.	Name of the State/UT	Integrated TSDFs (with both SLF and Incinerator)	TSDFs with Only Common Incinerators	TSDFs with only Common Secured Landfills	Quantity disposed in SLF (MT)	Quantity disposed through Incinerator (MT)
1	Andhra Pradesh	1	-	-	140647.33	3982.1
2	Gujarat	4	2	3	942299.07	59983.72
3	Haryana #	1	-	-	9635.38	2742.907
4	Himachal Pradesh	-	-	1	14578.847	-
5	Jharkhand #	1	-	-	432.89	0
6	Karnataka#	-	6	2	34310.25	2513.697
7	Kerala#	-	-	1	54968.18	-
8	Madhya Pradesh#	1	-	-	32450.34	3375.61503
9	Maharashtra	3	-	1	289936.02	50912
10	Odisha	-	-	1	52,563.77	-
11	Punjab#	-	-	1	27,461.47	1372.05*
12	Rajasthan#	-	1	2	43,953.39	1067.20
13	Tamilnadu	1	-	1	59,345.00	4368
14	Telangana #	1	-	-	1,14,970.00	3387

S. No.	Name of the State/UT	Integrated TSDFs (with both SLF and Incinerator)	TSDFs with Only Common Incinerators	TSDFs with only Common Secured Landfills	Quantity disposed in SLF (MT)	Quantity disposed through Incinerator (MT)
15	Uttar Pradesh	2	1	1	56,838.36	11687.672
16	Uttarakhand	1	-	-	5,037.09	3222.92
17	West Bengal	1	-	-	49,004.36	10604.85
18	DDD & NH	1	-	-	2,322.60	1,125.83
	TOTAL	**18**	**10**	**14**	**19,30,754.34**	**1,60,345.57**

*details not provided by Punjab PCB.

SPCBs/PCCs have not provided revised inventory

State/UT wise availability of common TSDFs in the country is also depicted in **Figure 5**.

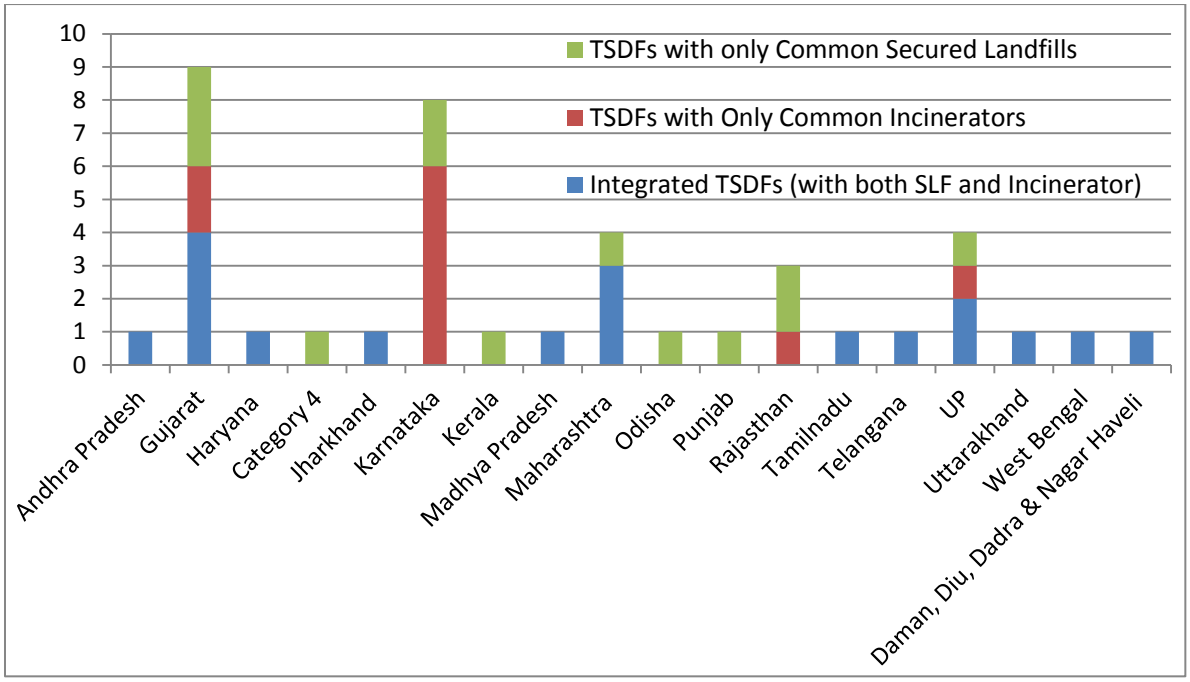

Figure 5: Availability of Common Integrated Treatment, Storage & Disposal Facilities (TSDFs) with Common Incinerators & Secured Landfill

4.6.2 Captive TSDFs

There are 112 Captive Hazardous Waste Treatment, Storage and Disposal Facilities (TSDFs) in 19 States/UT. Of which, 07 have Integrated facilties (i.e. having both secured landfill and incinerator); 63 have only Captive Incinerators and 42 have only Captive Secured Landfills Hazardous Waste Treatment, Storage and Disposal Facilities (TSDFs) in the country.

State/UT wise details on number and quantity of hazardous waste disposed during 2017-18 is as given below in **Table VIII.** The state specific details on captive TSDFs is also given in Annexure 2.

Table VIII: State wise details of Captive Facilities and Quantity of Hazardous Waste disposed during the year.

S.No.	States/UTs	Numbers of Captive Facilities			HW disposed during year (MT)
		Incinerators	Secured Landfills	Both	
1	Andaman and Nicobar Islands	-			
2	Andhra Pradesh	7	5	0	29,080.79
3	Arunachal Pradesh	-			
4	Assam	0	0	0	0.00
5	Bihar	0	0	0	0.00
6	Chhattisgarh	1	2	0	10,029.30
7	Delhi	No captive facility available			
8	Gujarat	36	5	0	124876
9	Goa	1	1	0	19,011.23
10	Haryana#	2	0	1	244.13
11	H.P.	0	0	0	0.00
12	J.& K.#	0	0	0	0.00
13	Jharkhand#	1	0	0	152
14	Karnataka#	3	0	0	2,573.75
15	Kerala#	0	1	0	18,750.00
16	Lakshadweep	-			
17	Madhya Pradesh#	5	1	0	9,516.07
18	Maharashtra	1	0	0	449.70
19	Manipur	-			
20	Meghalaya#	-			
21	Mizoram#	0	0	0	0.00
22	Nagaland	0	0	0	0.00
23	Odisha	2	11	2	2,027.13
24	Punjab#	0	1	0	0.00
25	Rajasthan#	3	7	0	5,32,713.88
26	Sikkim	0	0	0	0.00
27	Tripura	0	0	0	0.00
28	Tamil Nadu	0	7	0	1,14,774.26
29	Telangana#	0	0	0	0.00
30	Uttar Pradesh	0	0	1	3,169.35
31	Uttarakhand	0	0	1	116.55
32	West Bengal	0	0	1	49,004.36
33	DDD & NH	0	0	1	3448.47
34	Puducherry	1	1	0	52.25

S.No.	States/UTs	Numbers of Captive Facilities			HW disposed during year (MT)
		Incinerators	Secured Landfills	Both	
35	Chandigarh	0	0	0	0.00
	Total	**63**	**42**	**7**	**919989.48**

SPCBs/PCCs have not provided revised inventory

State-wise availability of captive TSDFs is given in **Figure 6**.

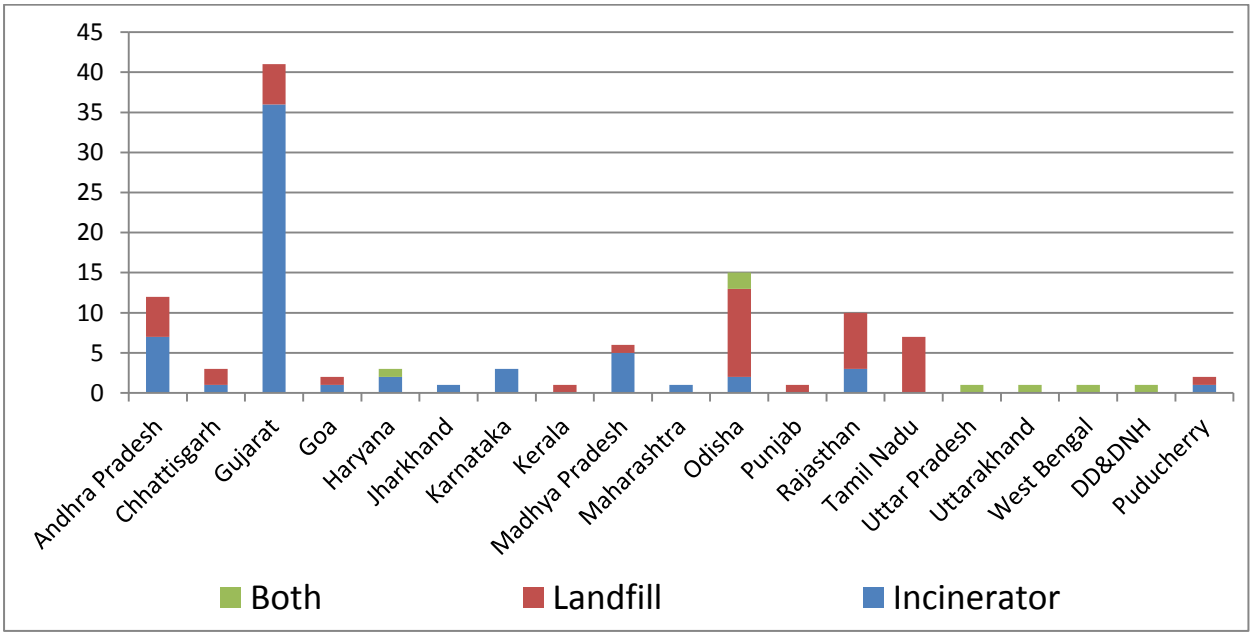

Figure 6: Captive facilities in the country for treatment of hazardous waste

4.7 STORAGE OF HAZARDOUS WASTE

About 1.36 Million MT of hazardous waste has been reported to be stored at occupier's premises at the beginning of financial year i.e. 1st April, 2017 and 2.88 Million MT at the end of financial year i.e. 31st March, 2018. State–wise quantity of hazardous stored at occupiers' premises is given at **Table IX.**

Goa, Uttar Pradesh and Maharashtra have not provided individual type of hazardous waste (landfillable/incinerable/recyclable/utilisable) stored at beginning and/or end of financial year. Thus, the individual quantity of landfillable/incinerable/recyclable/utilisable stored/managed could not be assessed.

Table IX: State–wise quantity of hazardous stored at occupiers' premises

S.No	States/UTs	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
	Andaman and Nicobar Islands$	Not applicable							
	Andhra Pradesh	13412	4641	3282	5587	22716	4913	5207	7019
	Arunachal Pradesh	Annual Inventory not submitted							
	Assam	0	0	23776	0	0	0	27171	0
	Bihar	0	9	1482	227	12	270	77	7129
	Chhattisgarh	796	6	195	333	499	6	246	952
	Delhi	4751	0	777	0	5829	0	904	0
	Gujarat	300000	180000	300000		640000	460000	850000	
	Goa	1320				307	361	9	156
	Haryana#	3070	1430	11304	8	4976	9353	11808	2
	Himachal Pradesh	173	0	0	0	132	0	12	48
	J.& K.#	588	1976	719	47	728	2122	918	57
	Jharkhand#	24132	366	1530	9	20059	337	3009	7
	Karnataka#	2266	3395	6539	6439	3138	4994	5511	5495
	Kerala#	18250	0	0	0	18250	0	5	0
	Lakshadweep$	Not applicable							
	Madhya Pradesh#	19989	983	21902	269	1434	11209	97833	0
	Maharashtra	0	0	0	0	15993			
	Manipur$	Information not provided							
	Meghalaya#	0	0	0	0	13			
	Mizoram	0	0	0	0	0	0	0	0
	Nagaland	0	0	10	0	0	0	10	0

S.No	States/UTs	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	**Incinerable**	**Recyclable**	**Utilizable**	**Landfillable**	**Incinerable**	**Recyclable**	**Utilizable**
	Odisha	6446	85	2048	93823	12298	92	2234	135765
	Punjab#	12061	2152	13187	1041	12910	1737	15824	1863
	Rajasthan#	3603	922	7169	4346	21809	1048	3349	10248
	Sikkim	0	0	0	0	0	1051	0	0
	Tripura	5	4	12	0	0	0	12	0
	Tamil Nadu	117403	8156	30548	49429	129898	13252	124554	68941
	Telangana#	7960	3582	1387	0	9194	4658	1532	158
	Uttar Pradesh	4564							0
	Uttarakhand	5	13	27	0	155	61	1603	2500
	West Bengal	4868	1264	8784	3347	4074	2382	4353	25887
	Daman & Diu, Dadra & NH	934	278	0	3332	1907	1386	0	15769
	Puducherry	26	13	227	169	28	25	324	1571
	Chandigarh	0	0	0	0	0	0	0	0
	Total	**542058**	**209276**	**134905***	**168408***	**926357**	**519259**	**306504***	**283569***

* Value does not include individual quantity of landfillable/incinerable/utilisable/recyclable HW generated in the states of Gujarat and Meghalaya.

SPCBs/PCCs have not provided revised inventory.

$ Data pertains to 2016-17, as inventory report of 2017-18 not provided by A & N Island, Lakshadweep and Manipur PCB.

4.8 WAY FORWARD

1. Submission of annual returns by all occupiers within the stipulated time period i.e. 30th June of every year.
2. Verification and reconciliation of manifest document by SPCBs/PCCs.
3. Random verification of annual returns submitted by occupiers before finalization of annual inventory.
4. Submission of annual inventory report by SPCBs/PCCs within the stipulated time period i.e. 30th September of every year.
5. Inclusion of management details w.r.t Import and export of hazardous and other waste (as specified in Schedule III of HOWM Rules,2016), in the annual inventory.
6. Accounting of hazardous waste generated due to impact of other regulation's (such as domestic hazardous waste as specified under Solid Waste Management Rules, 2016 and CFL/Fluorescent lamps as specified under E- Waste Management Rules, 2016) and management details thereof.
7. Compilation and reconciliation of information required to be filled in the various prescribed formats A to D mentioned under section 3.3 by SPCBs/PCCs may be cumbersome tasks. Therefore, technology intervention is advised with development of necessary software by SPCBs/PCCs in preparing their annual inventory especially in States/UTs where large number of occupiers exists.

   CPCB is in the process of developing software on tracking of hazardous waste system which would auto generate the annual inventory of States/UTs . However, till the said tracking software system is developed and implemented, SPCBs/PCCs may devise its own mechanism for preparing their annual inventory with suitable technology interventions ensuring that their State/UT's annual inventory is reliable and credible.

ANNEXURE-1

COPY OF FORMATS CIRCULATED TO ALL SPCBS/PCCS

Format-A1: for Submission of Annual Inventory on Hazardous Waste Management by Occupiers

Name of SPCB/PCC:_____ **Year: _____**

A1 Details on Hazardous Waste Generation

S. No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11

* This shall also include hazardous waste generated during recycling/utilization of hazardous waste imported from other countries as well as received from other States/UTs. However, it shall not include the quantity of hazardous waste imported and received from other states/UTs either for recycling/utilization or disposal.

Note: Other units such as Kilo Litres or Numbers shall be converted into Metric Tonnes and therefore, the quantity of hazardous waste shall be reported only in Metric Tonne.

Format-A2 : Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill				
2	For disposal at common Incinerator				
3	For recycling by Schedule IV recyclers				
4	For utilization in co-processing (cement plants)				
5	For utilization under Rule 9 (other than co-processing)				

Format-A3: Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled (listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization (other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization (other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21

Format-A4: Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29

Format-A5: Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37

The quantity of landfillable hazardous waste generated, quantity in stock at the begnining of year and quantity transported from other state shall be equal to quantity disposed in common and captive secured landfill including tranported to other state, quantity sent to other state and quantity stored at occupier premises at the end of financial year (i.e. [coloumn no. 6+ coloumn no.30+Net value of coloumn no. 12 at s.no. 1 of Table A2]=[coloumn no. 22+coloumn no. 23+coloumn no. 26+coloumn no. 27+ Net value of coloumn no. 13 at s.no. 1 of Table A2+coloumn no.34])

Similarly, in case of incinerable hazardous waste (i.e. [coloumn no. 7+coloumn no.31 +Net value of coloumn no. 12 at s.no. 2 of Table A2]=[coloumn no. 24+coloumn no. 25+coloumn no. 28+coloumn no. 29+Net value of coloumn no. 13 at s.no. 2 of Table A2+coloumn no.35])

For, recyclable hazardous waste(schedule IV item) (i.e.[coloumn no. 8+ coloumn no.32+Net value of coloumn no 12 at s.no. 3 of Table A2]=[coloumn no. 14+coloumn no. 18+Net value of coloumn no 13 at s.no. 3 of Table A2+coloumn no.36])

For, utilizable hazardous waste (i.e. [coloumn no. 9+coloumn no.33+Net value of coloumn no. 12 at s.no. 4&5 of Table A2]= [coloumn no. 15+coloumn no. 16+coloumn no. 17+coloumn no.19+coloumn no. 20+coloumn no. 21+Net value of coloumn no. 13 at s.no. 4&5 of Table A2+coloumn no. 37])

Format-B: Annual Inventory on Recycling / Utilization/Co-Processing of Hazardous Waste

Name of SPCB/PCC: _____ **Year: _____**

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross			
2	Zinc Bearing Wastes			
3	Copper Bearing Waste			
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt			
5	Lead bearing waste including battery waste			
6	E-Waste			
7	Paint and ink Sludge/residues			
8	Used oil			
9	Waste Oil			
	Total			
	(Add new rows for other types of wastes)			
B	**Utilization of HW under Rule 9**			
1	Recovery of solvents from spent solvents			
2	Utilization of APCD Dust / Residue generated from LD Furnace/EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of Pig Iron			
3	Utilization of Spent Catalyst - to recover - Platinum, Iridium, Osmium, Palladium, Rhodium, Ruthium, Rhenium, Gold & Silver			
4	Utilization of Spent H_2SO_4 generated form Pickling operations for manufacturing Ferrous Sulphate			

5	Utilization of Spent Acid containing Molybdenum generated from filament industries for producing Molybdenum Trioxide by heating process			
6	Utilization of Spent HCl generated form steel rolling mills for producing Ferric Chloride			
7	Utilization of Used Anode Butt to produce Carbon Pellets and High Energy (HE) Coke for use in Steel furnaces/foundries.			
8	Utilization of Used Anode Butt to produce Carbon Blended Coke / Electrode carbon Paste /Carburiser for use in Steel or ferroalloy furnaces			
9	Utilization of pre-processed Used Anode Butt to produce Green Anodes through Anode-Baking Process for use in Aluminium Smelters			
10	Utilization of pre-processed used Anode Butt generated to produce Carbon Electrode Paste.			
11	Utilization of Coal Tar/Tarry Residue generated from coal gasifier for energy recovery in Sodium silicate industry.			
12	De-contamination of contaminated drums/containers/ barrels			
13	Utilization of process sludge and primary ETP sludge generated from Pulp & Paper Industries for producing Paper Board/ Mill Board/ Card Board			
14	Captive Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal			
15	Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal			
16	Utilization of Oil based iron sludge of Ball & Roller bearings for producing Ferrous Sulphate			
17	Utilization of Mercury Waste generated from various industry for recovering Mercury			
18	Utilization of Spent H_2SO_4 generated from Dye and Dye intermediates			

	to produce gypsum suitable for use in cement plants			
19	Utilization of Spent fixer (hypo) solution generated from Photography / X-rays films to recover Silver metal			
20	Utilization of Hydro fluoro silicic acid – Acidic scrubber solution generated during Single Super Phosphate manufacturing industry Recovered Sodium Silico Fluoride (Sodium fluorosilicate) for use in Glass industry			
21	Utilization of Spent Sulphuric Acid Para generated during Nitro Toulene Ortho Sulfonic Acid/Oxadiargyl Anthrquinone manufacturing industry for production of Ferrous Sulphate			
22	Utilization of Vanadium Sludge generated from Alumina refineries for production of Vanadium metal			
23	Utilization of Phenolic Waste water generated from Coal Gasifier condensate water for Quenching of hot gases in After Burning Chamber of Direct-reduced iron (DRI) kiln of Sponge Iron Industry			
24	Utilization of Chemical sludge (Primary sludge) of ETP from Pulp & Paper Industry For energy recovery in Atmospheric Fluidized Bed Combustion (AFBC) Boiler/Pressurized Fluidized Bed Combustion (PFBC) Boiler/Circulating Fluidized Bed Combustion (CFBC) Boiler for steam or electricity generation			
25	Utilization of Spent Carbon (Carbon Slurry) generated from Urea manufacturing plant for Quenching of carbon slurry in the reactor for manufacturing carbon black.			
26	Utilization of Spent Acid containing Molybdenum compound generated from Bulb filament manufacturing industries for manufacturing of Ammonium Molybdate			
27	Utilization of Resin Waste (mixture of Bisphenol A and Epichlorohydrin) generated from Resin impregnation of electrical coils power/hydro equipments industries for manufacturing of High Tension/Low Tension Insulators			

28	Utilization of Spent Alumina generated during Polymerization in SWING unit of Petrochemical Plant for manufacturing of Refractory material like Insulation bricks, Mortar, Castables, High Alumina bricks			
29	Utilization of Spent Ion Exchange Resin generated from Demineralization (DM) Plant for energy recovery in boiler for steam or power generation			
30	Utilisation of Spent Ion Exchange Resin generated from Demineralization (DM) Plant for energy recovery in Direct-reduced iron (DRI) kiln of Sponge Iron Industry			
31	Utilisation of Tungsten Scrap generated from Metal cutting operation (using Tungsten carbide insert), mining tool buttons and worn out drills for manufacturing Tungsten Carbide Powder			
32	Utilisation of Spent Pot Lining generated during production of Primary Aluminium from Alumina Smelting Industries for utilization as a supplementary resource for manufacturing of Carbon Mineral Fuel			
33	Utilisation of Spent Sulphuric Acid and Spent Sodium Thiosulphate generated during During manufacturing of 4,4 Diaminobenzene Sulphanilide for Isolation and purification of 2-NADSFA & 6-Acetyl APSA			
34	Utilisation of Coal Tar/Tarry Residue generated from Coal gasifier units for utilization as supplementary fuel in furnace for energy recovery in Frit manufacturing units			
35	Utilisation of Gasifier Slag containing Nickel & Spent Catalyst containing Molybdenum generated from Nitrogenous Fertilizer Industry for manufacturing of Alloy steel ingots and stainless steel ingots			
36	Utilisation of Synthetic Oil based mud/drill cuttings generated from Oil & Natural Gas Exploration for Road Construction / Oil recovery			

37	Utilisation of Flue Gas Cleaning Residue generated from Bag filter connected to steel scrap melting induction furnace for recovery Zinc Metal			
38	Utilisation of Spent Sulphuric Acid and Spent Sodium Thiosulphate generated during manufacturing of 4,4 Diaminobenzene Sulphanilide for Isolation and purification of 2-NADSFA & 6-Acetyl APSA for manufacturing of Nitrosyl Sulphuric Acid (NSA)			
39	Utilisation of Spent Phosphoric Acid generated during manufacturing of Quinacridone Pigment for production of Di-basic Calcium Phosphate			
40	Utilisation of Spent Sulphuric Acid generated during manufacturing of Vinyl Sulphone for production of H-acid			
41	Utiliosation of Waste Dichromate Solution generated during manufacturing of Ibuprofen for production of Basic Chromium Sulphate			
42	Utilisation of Used Waste Thinner generated during cleaning of paint feeding lines using solvents for manufacturing of Industrial Primer to be used as Automotive Paints			
	Total			
C	**Co-processing in Cement Plants**			

Format-C: List of Authorized Recyclers / Utilizers / Co-processors of Hazardous Waste

Name of SPCB/PCC: _____ Year: _____

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)

Format-D1 : Annual Inventory w.r.t Common TSDF (s)

Name of SPCB/PCC:_____ **Year:_____**

S. No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)

* Including wastes received from other State/UT

Format-D2 : Annual Inventory w.r.t Captive TSDF (s)

Name of SPCB/PCC: _____ Year: _____

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill (MT/A)		

ANNEXURE-2

STATE-WISE STATUS ON HAZARDOUS WASTE GENERATION & IT'S MANAGEMENT

1.
ANDHRA PRADESH
(Hazardous waste generation and its Management)

Table 1(a): Andhra Pradesh -District-wise details on Hazardous Waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Vizianagaram	99	76557.76	2243.2	6677.94	120972.37	8160.213	315.11	738.92	99104.26	0	0
2	Srikakulam	121	20236.54	2570.8	70907.56	136451.4	8782.32	659.21	21031.6	112507.17	0	0
3	Visakhapatnam	415	415031.38	107262.04	83679.4	1565937.63	128925.4	1754.5	4105.05	39398	0	0
4	East Godavari	352	17330.5	1804.8	990.9	23000	2155.8	82.97	259	22359.96	0	0
5	West Godavari	260	8949.2	72	149198.28	132178.28	4219	16.606	4650	22620	0	0
6	Krishna	377	4850.342	2653.095	11285.25	20006.97	2015.093	409.011	10826.12	2883.95	0	0
7	Guntur	219	7422.11	346.625	23.95	28144	6747.41	317.453	19.78	6155.041	0	0
8	SPSR Nellore & Prakasam	367	8522.8	74	20912.15	481	6818.3	62.154	6185.834	423.356	0	0
9	Kurnool	50	7820.3	98	4846	3431.2	5205.25	15.81	4430	3156.7	0	0
10	Anantapur	81	1326.01	738.41	3445.14	2296.8	223.25	95.6	3136.2	2113	0	0
11	Chittoor	135	7482.69	295	155904.4	0	4538.73	295.454	45549.99	0	0	0
12	Kadapa	27	0	0	4480	0	0	0	2280	0	0	0
	Total	**2503**	**575529.63**	**118157.97**	**512350.9**	**2032899.6**	**177790.76**	**4023.878**	**103212.49**	**310721.437**	**0**	**0**

Table 1(b): Andhra Pradesh- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	---	0	---	0
2	For disposal at common Incinerator	---	0	---	0
3	For recycling by Schedule IV recyclers	Puducherry	49.794	Tamilnadu	256.05
4	For utilization in co-processing (cement plants)	Telangana	50859.64	Telangana	11018.44
		Karnataka	294	Chhattisgarh	1943.465
				Karnataka	83.96
5	For utilization under Rule 9 (other than co-processing)	Telangana	2658.447	Telangana	134.44

Table 1(c): Andhra Pradesh-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Vizianagaram	744.05	3806.534	0	94151.71	0	0	0	0
2	Srikakulam	20898.9	4689.042	0	104529.7	0	0	0	0
3	Visakhapatnam	4105.0456	6468.616	5832.458	18663	49.794	0	2658.447	0
4	East Godavari	259	0	22320	0	0	0	0	0
5	West Godavari	4250	150	22320	0	0	0	0	0
6	Krishna	10570	198.67	2684.32	0.96	0	2588.67	0	0
7	Guntur	18.5	297.52	7.453	6152.088	0	0	0	0
8	SPSR Nellore & Prakasam	6078.434	381.841	0	0	0	0	0	0
9	Kurnool	4385	2404.58	0	739.18	0	2993.725	0	0
10	Anantapur	3078.645	3413.36	0	1113	0	6354.196	0	0
11	Chittoor	44356.537	0	0	0	0	0	0	0
12	Kadapa	2286	0	0	0	0	35002.8	0	0
	Total	**101030.1116**	**21810.163**	**53164.231**	**225349.638**	**49.794**	**46939.391**	**2658.447**	**0**

Table 1(d): Andhra Pradesh-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Vizianagaram	7278.37	889.92	315.116	0	0	0	0	0
2	Srikakulam	8731.1	0	80.18	579.03	0	0	0	0
3	Visakhapatnam	101782.8	19007	1661.4	0	0	0	0	0
4	East Godavari	1782.8	852	82.907	0	0	0	0	0
5	West Godavari	1152.352	2140	16.606	0	0	0	0	0
6	Krishna	2031.54	0	252.557	242.13	0	0	0	0
7	Guntur	6212.75	0	7.453	0	0	0	0	0
8	SPSR Nellore & Prakasam	6722.616	0	70.154	0	0	0	0	0
9	Kurnool	0	5205.26	0	43.4	0	0	0	0
10	Anantapur	223.25	0	13.725	121.74	0	0	0	0
11	Chittoor	4475.688	0	265.454	0	0	0	0	0
12	Kadapa	0	0	0	0	0	0	0	0
	Total	**140393.269**	**28094.18**	**2765.552**	**986.3**	**0**	**0**	**0**	**0**

Table 1(e): Andhra Pradesh-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Vizianagaram	68.69	140.57	6.72	2	60.613	140.57	1.59	1.996
2	Srikakulam	60.78	3426.075	0	23.55	112	3425.996	132.7	42.06
3	Visakhapatnam	11205.643	780.09	3215.7	4286.82	19341.246	873.186	3215	5942.174
4	East Godavari	1405	0	0	0	926	0	0	0
5	West Godavari	30.38	30	20	280	957.028	30.246	420	280
6	Krishna	16.45	112.356	0	647.264	0	26.68	0	648.05
7	Guntur	162.4	1.469	0.33	347.62	697.06	311.469	1.61	45.6
8	SPSR Nellore & Prakasam	117.63	11.132	10	0	213.314	3.132	117.4	41.515
9	Kurnool	38.72	66.39	5.532	0	38.72	38.8	50.532	12.94
10	Anantapur	42.665	73.14	6.095	0	42.665	33.28	63.65	5.04
11	Chittoor	252	0	6.54	0	315.041	30	1200	0
12	Kadapa	12	0	11	0	12	0	5	0
	Total	**13412.358**	**4641.222**	**3281.917**	**5587.236**	**22715.687**	**4913.359**	**5207.482**	**7019.375**

Table 1(f): Andhra Pradesh-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross	1	825	12.32
2	Zinc Bearing Wastes	1	6480	3935.634
3	Copper Bearing Waste	0	0	0
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	1	335.96	46.32
5	Lead bearing waste including battery waste	16	288926	55490.44
6	E-Waste	1	480	65.657
7	Paint and ink Sludge/residues	0	0	0
8	Used oil	18	52648.22	5115.48
9	Waste Oil	28	90422.645	16662.15
	Total	**66**	**440117.825**	**81328.001**
B	**Utilization of HW under Rule 9**			
1	Recovery of solvents from spent solvents	26	70159	32153.77
2	Utilization of APCD Dust / Residue generated from LD Furnace/EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of Pig Iron	9	11096.2	11046.2
3	Utilization of Spent H_2SO_4 generated form Pickling operations for manufacturing Ferrous Sulphate	1	36000	32400
4	Utilization of Coal Tar/Tarry Residue generated from coal gasifier for energy recovery in Sodium silicate industry.	1	2920	0
5	Utilization of process sludge and primary ETP sludge	61	160288.28	49750

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
	generated from Pulp & Paper Industries for producing Paper Board/ Mill Board/ Card Board			
6	Utilization of Chemical sludge (Primary sludge) of ETP from Pulp & Paper Industry For energy recovery in Atmospheric Fluidized Bed Combustion (AFBC) Boiler/Pressurized Fluidized Bed Combustion (PFBC) Boiler/Circulating Fluidized Bed Combustion (CFBC) Boiler for steam or electricity generation	1	593.97	593.97
7	Utilization of Ferro Chrome slag from alloy industries after TCLP test used for filling in low lying areas	2	86500	86500
8	utilization of used oil generated for lubricating purpose	2	200	200.96
9	utilization of waste generated from sugar industries as authorization was issued by the Board earlier	1	95277	95277
10	Utilization of ETP sludge generated from solvent extracted oil units	1	3	3
11	Other	12	9646	15644.52
	Total	**117**	**472683.45**	**125943.94**
C	**Co-processing in Cement Plants**	8	862706.97	93719.745
1	costal waste management project Ramky Pharmacity-Alternative Fuel Raw material facility (AFRF)	1	36000	1077.651

Table 1(g): Andhra Pradesh-List of Authorizede Recyclers/ Utilizers/Co-processors

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1.	M/s Samana Industries, Plot No. 2, 3 & 4, Block No.: 39, IDA, Autonagar, Guntur, Guntur Dist.	Brass Dross	825	12.32
2.	M/s BDJ Oxides Pvt. Ltd., Plot No. 10, Attivaram (V), Industrial Park, Ozili Mandal, SPS Nellore District	Zinc Dross/Scrap/ skimming's	6480	3935.634
3.	M/s Arora Mathew Ltd., Plot No. 58/B, JN Pharmacity, Parawada, Visakhapatnam	Catalyst regeneration	335.96	46.32
4.	M/s HBL Power Systems limited, Kandivalasa (V), Pusapatirega (M), Vizianagaram District	Utilization of APCD Dust/ Residue generated from LD Furnace/EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of pig iron	35.00	35
5.	M/s S.R. Petro Products, Plot No. 195/B, APIIC, Growth Center, Bobbili (V) & (M), Vizianagaram District	Base Oil	1800	Industry became Sick
6.	M/s. Sri Balaji Lubricants, Plot No. 5 C, IDA, Nellimarla (V) & (M), Vizianagaram District	Lubricating Oil	368.64	128
		Light Oil (by Product)	19.584	9.6
7.	M/S.Sri Balaji Industries, Plot.No.156/E, APIIC Growth Center, Bobbili (V & M), Vizianagaram District	Recovery of Solvents from Spent Solvents	5220	4042.9
8.	M/s. Bipasa Trade Link Private Limited, Plot No. D-1, IDA, Nellimarla (V & M), Vizianagaram District	Residue generated from Blast furnace	50	NIL
9.	M/s Steel Exchange India Private Limited., Malliveedu & Sreerampuram Villages, L. Kota (M), Vizianagaram District	Tarry residue generated from coal gasifier	2920	NIL
10.	M/s. Navya Waste and Used Oil Re-refining and Recycling Industry, Plot No. 30, Industrial Park, Block-F, Autonagar,	Waste oil	9500	768.61
		Used oil	1500	6.5

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
	Visakhapatnam			
11.	M/s. ARC India Petroleum Private Limited, Sy. No. 291/1-3B of Kumarapuram (V), Payakaraopeta (M), Visakhapatnam District	Waste oil	30000	672.4
		Used oil	20000	2166
12.	M/s. Zen Waste Oil Recycling Industry, Plot No. 62/B, Block-E, Autonagar, Gajuwaka, Visakhapatnam-	Waste oil	4320	403
13.	M/s. Sri Venkateswara Lubricants, Plot No. 70, E-Block, IDA Autonagar, Gajuwaka, Visakhapatnam	Waste oil	1800	953.8
		Used Oil	360	194.57
14.	M/s. Visakha Melting Company Ltd., Sy. No. 24/11 & 12, Tatituru (V), Bheemunipatnam (M), Visakhapatnam	Used lead acid batteries	4896	354.36
15.	M/s. JMR Petro Industries, Plot No. E-24, AIE Pedagantyada, Visakhapatnam district	Used oil	3240	171.87
		Waste Oil	792	3
16.	M/s. Ramakrishna Lubricants, Sy. No. 290/2, Bapulametta, Sagaram (V), V. Madugula (M), Visakhapatnam	Used oil	360	36
17.	M/s. Zen Lubs, Plot No. 62, IDA, Block-E, Autonagar, Visakhapatnam	Used Oil	613.44	528
18.	M/s. Visakha Solvents Limited, JN Pharmacity, Parawada, Visakhapatnam	Solvent recovery unit	18000	11426.14
19.	M/s. Arora Mathew Ltd., Plot No.58/ B, JN Pharmacity, Parawada, Visakhapatnam	Catalyst regeneration	335.96	46.32
20.	M/s.Green Waves Environmental Solutions, Sy.No.43/1, Mindi(V), Gajuwaka(M), Visakhapatnam District	E-waste	480	65.657
21.	M/s Swetha Finechem, Plot.No. 22c, Gurajapalem (V), Ramballi(M) Atchuthapuram, Visakhapatnam	Solvent recovery unit	21600	1716
22.	M/s. Sruthi Chemicals, Unit-1, 27/Cm APSEZ, Denotified Area, Gurajapalem(V), Ramballi(M), Atchuthapuram, Visakhapatnam	Solvent recovery unit	10800	1238.41

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
23.	M/s. Paramount Fuels and Lubricants, Plot No. 39, F-Block, Autonagar, Gajuwaka, Visakhapatnam (Dist.)	Waste oil Reclamation	5500	0
24.	M/s Coastal Waste Management Project Ramky Pharmacity – AFRF Facility	Alternative Fuel & Raw material Facility	36000	1077.651
25.	M/s. Sri Durga Industry, R.Sy.No. 183/3B, Kotapadu (V), Rangampeta (M), East Godavari District	Waste Oil	7500	319.336
		Used Oil	3150	344.936
26.	M/s. Royal Lubricants R.Sy.No. 74/1, Jagapathinagaram (V), Kirlampudi (M), East Godavari District	Waste Oil	2960	1400
		Used Oil	2640	1120
27.	M/s. Sri Lakshmi Narayana Industries, R.Sy.No.433/1, 433/2, Pidimgoyyi (V), Rajahmundry Rural, East Godavari District	Waste Oil	4992	1176
		Used Oil	2467.2	324.8
28.	M/s. SAF Petroleums, Plot No.204, APIIC, Auto Nagar, Sarpavaram (V), Kakinada Rural,East Godavari District	Waste Oil	1440	268
		Used Oil	1600	74.4
29.	M/s. NSR Industries, R.Sy.No.840, IDA, Plot No.83 & 84, Peddapuram, East Godavari District	Used Oil	1920	----
		Waste Oil	600	---
30.	M/s.Avighna Industries (Formerly M/s.Rajavardhan Industries) R.Sy.No.81/3, Velanka Village, Kirlampudi Mandal, East Godavari District	Used Oil / Spent oil	720	---
31.	M/s. Gaurav Lubricants Pvt Limited, R.Sy.No. 15, Bhalabhadrapuram Village, Biccavolu Mandal, East Godavari District	Reclamation of used oil	3240	----
		Reclamation of waste oil	10080	
32.	M/s. Rzass Industries, Plot No.E5 & F1, Industrial Estate, Dowlaiswaram Village, Rajahmundry Rural, East Godavari District	Lead-3	1650	200
33.	Godavari Lubricants, Plot No. 92/1B & 1G, Kadimipothavaram (V), Pinapaka Post, G.Konduru (M),	Waste Oil	940.95	940.95

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
	Krishna Dist.			
34.	Gopala Krishna Lubricants (Formerly Sivani Lubricants), Plot No.54F, IDA, Kondapalli (V),Ibrahimpatnam (M),Krishna Dist.	Waste Oil	690.03	690.03
35.	Jyothi Lubricants, Plot No. 186-B, IDA,IDA, Kondapalli (V)Ibrahimpatnam (M),Krishna Dist.	Waste Oil	250.92	250.92
36.	Konark Petro Chemicals, Plot No. 221,Block No. 10, 6th Road, Auto nagar, Vijayawada,Krishna Dist.	Waste Oil	313.65	313.65
37.	Lakshmi Lubes, Shed No. 8, Phase - 2,Auto nagar, Vijayawada,Krishna Dist.	Waste Oil	313.65	313.65
38.	Mahalakshmi Industries,Tempalli (V), 225/1, Gannavaram (M),Krishna Dist.	Waste Oil	1568.25	1568.25
39.	Manohar Lubricants, Plot No. 223/A, BI No. B-10, New Auto Nagar, Kanuru (V)Penamaluru (M),Krishna Dist.	Waste Oil	313.65	313.65
40.	Ramaa Industries, Plot No. 55-B,IDA, Kondapalli (V),Ibrahimpatnam (M),Krishna Dist.	Waste Oil	940.95	940.95
41.	Roopika Petrochemicals, (formerly Sri Siddhivinayaka Agencies), Plot No. 126, Block No. A-9, Autonagar, New Auto Nagar, Kanuru (V)Penamaluru (M),Krishna Dist.	Waste Oil	313.65	313.65
42.	Sravanthi Lubricants, Plot No. 57D,IDA, KondapalliIbrahimpatnam (M),Krishna Dist.	Waste Oil	313.65	313.65
43.	Sri Balaji Petro Chemicals, Plot No. 2, Block No. A-1, New Autonagar, Kanuru (V),Penamaluru (M),Krishna Dist.	Waste Oil	3136.5	3136.5

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
44.	Sri Sai Ram Lubricants, Plot No. 69, Block No. B-5, Autonagar,New Autonagar, Kanuru (V), Penamaluru (M),Krishna Dist.	Waste Oil	156.825	156.825
45.	Sri Siva Sai Petro Products, Plot No.2 & 3, Block No:- B-01, New Autonagar, New Auto Nagar, Kanuru (V)Penamaluru (M),Krishna Dist.	Waste Oil	313.65	313.65
46.	Vijay Lubricants, Plot No. 54-E, IDA, Kondapalli (V), Ibrahimpatnam (M), Krishna Dist.Krishna Dist.	Waste Oil	690.03	690.03
47.	Vijaya Oils (formerly K.V.R. Oils), Plot No. 57G, IDA, IDA, Kondapalli (V)Ibrahimpatnam (M),Krishna Dist.	Waste Oil	313.65	313.65
48.	The KCP Ltd., Cement Unit, Muktheswarapuram (V), Jaggaiahpet (M), Krishna Dist.	Waste oil	6.97	6.85
49.	M/s. Samana Industries, Plot No. 2,3 & 4, Block. No: 39, IDA, Autonagar, Guntur, Guntur District	Lead acid batteries	2520	28.391
50.	M/s. Aman Industries, Phase-II, Plot No: 47, Autonagar, Guntur, Guntur Dist	Lead acid batteries Plates/ Lead slag/ Ash/Lead bearing residue	700	165.83
51.	M/s. Powertrek Industries (Unit – I) Phase – III, Industrial Estate, Auto Nagar, Guntur, Guntur District	Used Lead Acid Batteries Scrap/Lead dross/Lead residue and other Lead Bearing product, Lead Scrap & Lead Slag	7920	2446.165
52.	M/s. Powertrek Industries (Unit – II) Phase – IV, Industrial Estate, Auto Nagar, Guntur, Guntur District	Lead Bearing Scrap & Lead Ingots, Lead Scrap & Used lead Acid Batteries	18000	3352.545
53.	M/s. Azeeziya Industries, Plot No. 485, Phase I & II, Industrial Estate, Autonagar, Guntur, Guntur District	Lead Ash & Used Batteries	41040	63.22
54.	M/s. Fathima Battery Industry, Plot No: 220, Phase – I & II, Autonagar, Guntur, Guntur Dist	Used Lead Acid Batteries plates/Lead Scrap	240	98.89

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
55.	M/s. Tri – G- Oil & Waxe, Plot No.4, APIIC, Industrial Park, Menakur (V), Naidupet (M), SPSR Nellore District	Used Oil	4698	60.8
56.	M/s. BDJ Oxides Private Limited, Plot No.10, Attivaram (V), Industrial Park, Ozili Mandal, SPS Nellore District	Zinc Dross/Scrap/ skimming's	6480	3935.634
57.	M/s. RML Metal and Alloys Private Limited, Sy. No.37/4, 6 & 7, Marripalle Gopasamudram (V), Podalakur (M), SPSR Nellore District	Used scrap & used batteries	9600	2082
58.	M/s Amaravati Metals and Alloys, Sy.No.216 & 226, Chetlamallapuram (V), Kallur (M), Kurnool District	Used batteries	2880	1138
59.	M/s. Deccan Power On, Sy.No.25-11, Gooty Road, Rajiv Colony (GP), Ananthapuramu(Rural), Ananthapuramu.	Used batteries	150	110
60.	M/s. Saptha Industries, Shed No.11, APIIC Growth Centre, Thumukunta, Hindupur, Anantapur District	Recovery of the spent solvents	7400	9360
61.	M/s Hepta Chem & Pharma (India) Private limited, Sy.No.113A, Madhavaram Road, Isvi(V), Adoni (M), Kurnool Dist	Recovery of the spent solvents	3,000	200
62.	M/s. R.S Mineral Works, Sy.No.83/2, Bugganipalle (V), Betamcherla (M), Kurnool District	Usage of spent sulphuric acid for the manufacture of Gypsum	36000	32400
63.	M/s. Gravita India Ltd, Sy No. 233, Anathapuram (V), Chittoor Mandal, Chittoor District, A.P	Used batteries	45,500	18630.85 Tones (Local - 3655.18 MT & Import - 14975.67)
64.	M/s. NILE Limited, Plot No: 38 & 40, APIIC Industrial Park, Gajulamandyam village, Renigunta Mandal, Chittoor District	Used batteries	60,000	6097 Tones (Indigenous – 4084 Tones & Imports -2013 Tones)

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
65.	M/s. Pondy Oxides & Chemicals Limited, Plot No: 78B, APIIC Industrial Park, Gajulamandyam village, Renigunta Mandal, Chittoor District	Scrap Lead Batteries	20,000	17860.132
66.	M/s. Meloy Metals Pvt Ltd, Plot No.78C, IP, Gajulamandyam, Renigunta, Chittoor District, A.P	Lead Scrap & remelted Lead	28,950	282.555
67.	M/s. Sri Srinivasa Lubricants, Plot No: E4 & E5, I.E, Proddutur, Kadapa Dist	Used oil	720	60
68.	M/s. Indo Petro Products, Plot No: 101-B, IDA, Cuddapah, Cuddapah Dist	Used oils	3600	18
69.	M/s Bromokem, Plot No: 68-A, I.D.A., Gajulamandyam, Chittoor Dt	Solvent recovery unit	1454.4 MTA	1,486 MTA
70.	M/s. Bharathi Cement Corporation Ltd Nallingayapalli, Kamalapuram Mandal, Kadapa Dt	Cement industry	80,800 TPA	37149
71.	M/s. Zuari Cements Ltd, Yerraguntla, Kadapa District	Cement industry	1,20,000 TPA	15078
72.	M/s Dalmia Cement (Bharath) Ltd Chinna Komerla of Mylavaram (M), Kadapa District.	Cement industry	4,05900 TPA	21194.8
73.	M/s. FAC OR Alloys Limited, Shreeramnagar (V), Garividi (M), Vizianagaram District	Utilization of APCD Dust/ Residue generated from LD Furnace/EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of pig iron	305	305
74.	M/s.Lakshmi Ganapathi Jute Mill Pvt Ltd, Venkata Rangarayaouram (V), Regidi Amadalavalasa (M), Srikakulam District	Utilization of waste lubricating oil generated for lubrication of machinery within the premises	200	200

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
75.	M/s. Balaji Cement Works, Krishna District	Utilization of waste lubricating oil generated for lubricatioh of machinery within the premises.	0	0.96
76.	Parry Sugar Industries Limited (Formelry GMR Industries Limited), (Distillery Division), Sankili (V), Regidi Amadalavalasa (M), Srikakulam District.	Utilization of waste generated. from Sugar Industries as authorization was issued by the Board earlier.	95277	95277
77.	M/s. Sri Nagavali Solvent Oils (P) Limited, Kesavaraopeta (V), Etcherla (M), Srikakulam District.	Utilization of ETP sludge generated from solvent extracted oil units.	3	3
78.	Pharmazell' India Pvt Ltd., Visakhapatnam	Utilization of spent acetone	666	332.3
79.	Andhra Petro Chemicals, Visakhapatnam	Utilization of Oxoresidue and it is a off-spec material generated during distillation of xoalcohols.	4000	3926
80.	HPCL (Visakh Refinery),Visakhapatnam	High oily sludge generated from crude/product bottom tanks is subjected to mechanical operations to recover oil which is reprocessed along with crude	2500	5143
81.	RINL (Visakhapatnam Steel Plant), Visakhapatnam	Activated sludge from effluent treatment plants (MBC for CO effluent & ETP for Sewage)	300	4642.5

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
82.	RINL (Visakhapatnam Steel Plant), Visakhapatnam	Different grades of oils used for various applications like lube, hydraulic, transformer etc., all over the plant is collected after use	320	313.81
83.	RINL (Visakhapatnam Steel Plant), Visakhapatnam	Sludge and muck generated from the decanters of Benzol distillation plant of by product plant of coke ovens	480	329.4
84.	RINL (Visakhapatnam Steel Plant), Visakhapatnam	Tarry acid sludge generated during the cleaning of tanks at Ammonia Sulphate Plant	200	254.26
85.	Coromandel International Ltd., Visakhapatnam	Utilization of residue sludge generated during storage of sulphuric acid and phosphoric acid in tanks, to be re-used back into the process directly.	30	27.75
86.	Coromandel International Ltd., Visakhapatnam	utilization of process sludge generated during process or during cleaning or maintenance activity of the complex plant to be re-used back into the process	360	320
87.	Coromandel International Ltd., Visakhapatnam	Utilization of sulphur sludge generated during melting of solid sulphur by grinding the sludge and then using it back in	600	280

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
		complex plant.		
88.	50 Paper & Pulp, Card Board, Mill Board & Egg tray units in West Godavari District	Utilization of process sludge and primary ETP sludge generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.	132178.28	22320
89.	M/s. Vamsadhara Paper Mills Limited, Madapam (V), Narasannapeta (M), Srikakulam District	Utilization of Chemical sludge (Primary sludge) of ETP from Pulp & Paper industry for energy recovery in atmospheric Fluidized bed combustion (AFBS) Boiler/Pressurized Fluidized Bed combustion (PFBS) Boiler/ Circulating Fluidized Bed Combustion (CFBC) Boiler for steam or electrically generation	593.97	593.97
90.	M/s. JSL Stainless Limited (Formerly M/s. JSL Limited), Jindal Nagar (V), Kotha Valasa (M), Vizianagaram District	Utilization of Ferro — Chrome slag from alloy industries after TCLP test used for filling in low lying areas	16200	16200

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
91.	M/s. R.S Mineral Works, Sy.No.83/2, Bugganipalle (V), Betamcherla (M), Kurnool District	Usage of spent sulphuric acid for the manufacture of Gypsum	36000	32400
92.	M/s. K.V.R. Industries Limited, Sarasanapalli (V) Regidi Amadalavalasa (M), Srikakulam District	Utilization of process sludge and primary ETP sludge generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.	5110	5110
93.	M/s Metkore Alloys & Industries Ltd.(Formerly Cronimet Alloys India Limited), Raviwalasa(V), Tekkali(M),Srikakulam District.	Utilization of APCD Dust/ Residue generated from LD Furnace/EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of pig iron	3285	3285
94.	M/s Dankuni Steel Limited,(Unit: Con Cast Ferro Inc.), Dusi (V),Amadalavalasa (M), Srikakulam District	Utilization of APCD Dust/ Residue generated from LD Furnace/EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of pig iron	60	60
95.	M/s. JSL Stainless Limited (Formerly M/s. JSL Limited), Jindal Nagar (V), Kotha Valasa (M), Vizianagaram District	Utilization of APCD Dust/ Residue generated from LD Furnace/EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of pig iron	295	295

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
96.	M/s. Siri Smelters Private Limited, APIIC, Growth Center, Bobbili (V) & (M), Vizianagaram District	Utilization of APCD Dust / Residue generated from LD Furnace /EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of pig iron	2671.8	2671.8
97.	M/s. Andhra Ferro Alloys Limited, (Unit-II), Garbham (V), Merakamudidam (M), Vizianagaram District	Utilization of APCD Dust / Residue generated from LD Furnace /EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of pig iron	4380	4380
98.	M/s. Deccan Ferro Alloys Limited, Chinthalapalem (V), Kothavalasa (M), Vizianagaram District	Utilization of APCD Dust / Residue generated from LD Furnace /EAF/Blast Furnace for producing cold briquettes for use in Blast Furnace for production of pig iron	14.4	14.4
99.	19 Pharmaceutical industries located in Krishna District	spent solvents	2684.32	2684.32
100	3 Cement Plants in Kurnool and Anantapur Districts (1.UltraTech Cement Limited, Tadipatri, Anantapuram (2. JSW Cement Ltd., Kurnool (3. Sree Jayajothi Cements Pvt.Ltd., Kurnool)	Cement	2,36,000	17510.605
101	M/s. The Ramco Cements, KrishnaDistrict	Iron sludge	20000	2780.49
102	Hindustan Zinc Ltd., Visakhapatnam	Used Burnt Oil	8	72.56

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
103	Hindustan Zinc Ltd., Visakhapatnam	Waste Oils	0	2.94
104	Sri Satya Lakshmi Ganapathi Egg Tray, R.sy.No.412 Kothuru (V), Anaparthy(M), East Godavari District	Utilization of process sludge and primary ETP sludge, generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.	23000	22320
105	M/s. Padmavathi Packing Products, R.Sy.No.333, Duppalapudi (V), Anaparthi (M), East Godavari District.	Utilization of process sludge and primary ETP sludge, generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.		
106	M/s. KMR Egg Trays, R.Sy.No.121, Kapavaram Road, Pera Ramachandrapuram Village, Anaparthi Mandal, East Godavari District	Utilization of process sludge and primary ETP sludge, generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.		
107	M/s.Sri Golusu Reddy Egg Pack Industry, R. Sy.No.33 -1 , Raj anagaram Road, Duppalapudi Village, Anaparthi Mandal, East Godavari District	Utilization of process sludge and primary ETP sludge, generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.	NOT PROVIDED	
108	M/s. S.V.K.R Egg Trays, Krishnupalem, Gokavaram - M, East Godavari District	Utilization of process sludge and primary ETP sludge, generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.		

S.No.	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
109	M/s. Sri Lakshmi Ganesh Board Mill, R.Sy.No.23, Konda Gunturu (V), Rajanagaram (M), East Godavari District	Utilization of process sludge and primary ETP sludge, generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.	NOT PROVIDED	
110	M/s.Sri Lakshmi Ganapathi Pulp Trays, (Formerly M/s.Sri Siva Kesava Paper Board) R.Sy.No.412, Kothuru Village, Anaparthy Mandal, East Godavari District	Utilization of process sludge and primary ETP sludge, generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.		
111	M/s.Venkata Vijaya Sai Egg Trays, R.Sy.No.4-113, Kotapadu Village, Rangampeta Manal, East Godavari District	Utilization of process sludge and primary ETP sludge, generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.	NOT PROVIDED	
112	M/s. N S R Paper Board, R.Sy.No. 407/A2, Anaparthy (V & M), East Godavari District	Utilization of process sludge and primary ETP sludge, generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.		
113	M/s. Sri Sai Charm Card Board Industries, R.Sy.No.53/2, Kondagunturu Village, Rajanagaram Mandal, East Godavari District.	Utilization of process sludge and primary ETP sludge, generated from Pulp & paper industries for producing paper Board / mill Board/Card Board.		

Table 1(h): Andhra Pradesh-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Costal Waste Management Project Ramky Pharmacity Parawada	451	1382.8	68740.65	71635.68	2726.1	68740.65	71906.68	3982.1	0	180.74	126.81	724000	5500000	1.5	750000

Table 1(i): Andhra Pradesh-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/ both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	M/s HBL Power System Ltd, Kandivalasa (V), Pusapatirega (M), Vizianagaram	Landfillable	0	7081	890.02	8598.064
2	M/s NACL Industries Ltd, Plot No. 177, Arinama Akkivalasa (V), Allinagaram Post, Etcherla (M), Srikakulam Dist.	Incinerable	0.1742	0	579.03	2024.285
3	M/s Hindusthan Zinc Ltd., Visakhapatnam	Landfillable	0	600000	19007	520000
4	M/s Divis Labouratory, Vishakhapatnam	Incinerable	0.45	0	0	9
5	M/s Deccan Fine Chemical, Vishaakhapatnam	Incinerable	0.3	0	0	0
6	M/s Sar Chandra Environ Solutions Jaggamgiripeta (V), Samalkot, E godavari District.	Landfillable	0	10000	852.245	31146.245
7	M/s Andhra Sugar Ltd (C&F Division), Saggonda, West Godavari Dist.	Landfillable		23000	2140	18000
8	M/s Inventaa Chemicals Ltd, Keesara (V), Kanchikacherla (M), Krishna Dist.	Incinerable	0.2		242.1	242.1
9	M/s Sree Rayalaseema alkalies and allied chemicals ltd., Sy. No. 52/1, 2A, 2B, 2C1, 2C2, 2C3 etc. Gondiparla (V), Kurnool (M), Kurnool Dist.,	Landfillable	-	33600	5205.255	22685
10	M/s Shree Rayalaseema Alkalies and Allied Chemicals Ltd. Sy No. 52/1, 2A, 2B, 2C1,	Incinerable	0.343	-	43.4	243.4

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/ both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
	2C2, 2C3 etc. Gondiparla (V), Kurnool (M), Kurnool Dist.,					
11	M/s Diesel Loco Shed, South Central Railway Gooty, Anantapuram Dist.	Incinerable	0.04	-	50.8675	303.575
12	M/s Diesel Loco Shed, South Central Railway Guntakal, Anantapuram Dist.	Incinerable	0.04	-	70.8675	510.867
		Total	**1.5472**	**673681**	**29080.785**	**603762.536**

2.
ASSAM
(Hazardous Waste Generation and its Management)

Table 2(a): Assam -District-wise details on Hazardous Waste Generation

S.No	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Kamrup	51	0	0	0	0	265.5	0	2488.6	1938.6	0	0
2	Dibrugarh	7	0	0	0	0	9094	0	62	0	0	0
3	Tinsukia	7	0	0	0	0	600	0	2642.5	0.18	0	0
4	Darrang	3	0	0	0	0	0	0.13	0.443	0	0	0
5	Cachar	2	0	0	0	0	0	0	0.05	0	0	0
6	Karimganj	2	0	0	0	0	0	0	1.4	0	0	0
7	Dima Hasao	2	0	0	0	0	0	0	1.275	0	0	0
8	Karbi Anglong	1	0	0	0	0	0	0	13	0	0	0
9	Golaghat	1	0	0	0	0	5.39	0	651.04	0	0	0
10	Chirang	1	0	0	0	0	0	0	1085.6	30193	0	0
	Total	**77**	**0**	**0**	**0**	**0**	**9964.89**	**0.13**	**6945.908**	**32131.78**	**0**	**0**

Table 2(b): Assam- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	Not provided			
2	For disposal at common Incinerator				
3	For recycling by Schedule IV recyclers				
4	For utilization in co-processing (cement plants)				
5	For utilization under Rule 9 (other than co-processing)				

Table 2(c): Assam-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Kamrup	1938.6	0	0	1938.6	0	0	0	0
2	Dibrugarh	56	0	0	0	0	0	0	0
3	Tinsukia	1297	0	0	0.18	0	0	0	0
4	Karbi Anglong	13	0	0	0	0	0	0	0
5	Golaghat	251.04	0	0	0	0	0	0	0
6	Chirang		0	0	30193	0	0	0	0
7	Hojai	36	0	0		0	0	0	0
8	Sibsagar	13.84	0	0	1467.8	0	0	0	0
9	Jorhat		0	0	2.05	0	0	0	0
	Total	**3605.48**	**0**	**0**	**33601.63**	**0**	**0**	**0**	**0**

Table 2(d): Assam-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Kamrup	0	265.5	0	0	0	0	0	0
2	Dibrugarh	0	9094	0	0	0	0	0	0
3	Tinsukia	0	600	0	0	0	0	0	0
4	Darrang	0	0	0	0.13	0	0	0	0
5	Golaghat	0	5.39	0	0	0	0	0	0
	Total	**0**	**9964.89**	**0**	**0.13**	**0**	**0**	**0**	**0**

Table 2(e): Assam-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Kamrup	0	0	144.1	0	0	0	693.4	0
2	Dibrugarh	0	0	1094.5	0	0	0	1100.5	0
3	Tinsukia	0	0	15081.1	0	0	0	16426.6	0
4	Darrang	0	0	0	0	0	0	0.442	0
5	Cachar	0	0	0	0	0	0	0.05	0
6	Karimganj	0	0	3.2	0	0	0	4.6	0
7	Hailakandi	0	0	4	0	0	0	4	0
8	Dima Hasao	0	0	29	0	0	0	30.275	0
9	Golaghat	0	0	0	0	0	0	400	0

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
10	Chirang	0	0	7420	0	0	0	8506	0
11	Goalpara	0	0	0	0	0	0	0.476	0
12	Morigaon	0	0	0	0	0	0	5.01	0
	Total	**0**	**0**	**23775.9**	**0**	**0**	**0**	**27171.353**	**0**

Table 2(f): Assam-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**	-	-	-
1	Brass Dross	-	-	-
2	Zinc Bearing Wastes	-	-	-
3	Copper Bearing Waste	-	-	-
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	-	-	-
5	Lead bearing waste including battery waste	06*	16,531*	13083.37*
6	E-Waste	-		
7	Paint and ink Sludge/residues	-		
8	Used oil	06*	25, 300*	733*
9	Waste Oil			
	Total	**12***	**41,831***	**13,816.37***
B	**Utilization of HW under Rule 9**	-	-	-
C	**Co-processing in Cement Plants**	-	-	-

*Assam PCB has not provided Format B, however, above data provided in above table is based on information provided in Format C.

Table 2(g): Assam- List of Authorized Recyclers/ Utilizers and Co-processors

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s. Modern Lube Industries, Barsapara Industrial Area, (Behind Bajrang Ispat Ltd.), Guwahati-34	Used oil Waste Oil	1000 KLA 1000 KLA	140 KL
2	M/s. Progressive Industries, Rani Industrial Area, Dist.: Kamrup, (Assam).	Used oil Waste Oil	500 KLA 1000 KLA	85 KLA Nil
3	M/s East End Petro Chemicals (P) Ltd., Naoholia, Dibrugarh, Assam).	Used oil	600 KL	Nil
4	M/s Allied Industries, P.O.: Makum Junction, Digboi, Dist.: Tinsukia, (Assam).	Waste Oil	15000 KLA	250 MTA
5	M/s Purbanchal Chemicals, ViiI.: Gauripur, P.O.: College Nagar, Dist.: Kamrup (Assam).	Used oil, waste oil, lead acid, battery plates, lead scrap/residues	1200 MTA	258 MTA
6	M/s North East Petrochemicals, Kamarkuchi, Sonapur, Dist.: Kamrup	Waste Oil	5000 KLA	0
7	M/s Royal Industries, is" Mile, ViiI.: Burni, P.O.: Jorabat, Dist.: Kamrup, (Assam).	lead acid battery plates & lead scrap	900 MTA	480.11
8	M/s Nirman Industries, 0-7, DICC Campus Numalijalah, Amingaon, Dist.: Kamrup, (Assam).	lead acid battery plates & lead scrap	1200 MTA	0
9	M/s S.R. Battery Works, Murmuria Gaon Na-Pamua, Mariani Road, Cinnamora, Jorhat, (Assam).	lead acid battery plates & lead scrap	2400 MTA	0

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
10	M/s Anubhav Industries, Industrial Growth Centre, Chaygaon, ViiI.: Chattabri, P.O.: Chaygaon, Dist.: Kamrup, (Assam).	lead acid battery plates & lead scrap	9600 MTA	3542.5 MTA
11	M/s Shree Sai Vamika Industries, Gauripur, Near Shiv Sai Steel, North Guwahati, Dist.: Kamrup (Assam)	lead acid battery plates & lead scrap	9601 MTA	6788 MTA
12	M/s. Kamakhya Power Solution, is" Mile, ViiI.: Burni, P.O.: Jorabat, Dist.: Karnruo, (Assam).	Schedule -I (9.2), lead ash or particulate matter from flue gas schedule-III (A1170), unsorted waste battery	30 MTA 2400 MTA	Nil 2272.76 MTA

Table 2(h): Assam-Details of Hazardous waste disposed in Common TSDF(s)

S. No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
Information Not Provided																

Table 2(i): Assam-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
Information Not Provided						

3.
BIHAR
(Hazardous waste generation and its Management)

Table3(a): Bihar -District-wise details on Hazardous Waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Patna	33	10.453	10	87.55	-	40.31	8.89	26.25	-	Nil	Nil
2	Bhojpur	7	-	-	1204.75	-	-	-	844.26	-	Nil	Nil
3	Katihar	2	-	0.6	0.2125	-	-	-	0.0595	-	Nil	Nil
4	Purnea	3	2	3	16.228	-	-	-	0.0595	-	Nil	Nil
5	Gopalganj	4	-	2.65	2.601	-	-	-	0.051	-	Nil	Nil
6	West Champaran	7	-	4.5	3.836	-	-	-	0.028	-	Nil	Nil
7	Samastipur	3	-	3	1.14	-	-	-	0.051	-	Nil	Nil
8	Begusarai	19	10	17	7.593	-	-	-	2994.1	1980.8 (Co-processing)	Nil	Nil
9	Rohtas	4	-	-	0.27	-	-	-	0.11	-	Nil	Nil
10	Muzaffarpur	15	12.65	13.41	57.118	-		-	7.012	-	Nil	Nil
11	Aurangabad	4	-	143	1.74	-	-	113.5	2.04	-	Nil	Nil
12	Munger	4	-	9.7	96.26	-	-	7.947	43.02	-	Nil	Nil
13	Banka	1	-	-	1.7	-	-	-	-	-	Nil	Nil
14	Bhagalpur	4	0.1	-	18.315	-	-	-	14.26	-	Nil	Nil
15	Vaishali	7	-	-	5.718	-	-	-	0.0595	-	Nil	Nil
16	East Champarna	7	-	-	1.765	-	-	-	0.051	-	Nil	Nil
17	Nalanda	2	-	-	3.485	-	-	-	0.858	-	Nil	Nil
18	Sitamarhi	2	1.5	-	1.568	-	-	-	0.051	-	Nil	Nil
19	Chapra/ Saran	2	8	-	17.068	-	-	-	0.051	-	Nil	Nil

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
20	Nawada	3	-	-	0.168	-	-	-	0.051	-	Nil	Nil
21	Darbhanga	1	-	-	0.0425	-	-	-	0.0595	-	Nil	Nil
22	Gaya	4	-	-	0.837	-	1.655	0.904	0.0595	-	Nil	Nil
23	Saharsa	1	-	-	0.0425	-	-	-	0.0595	-	Nil	Nil
24	Madhubani	1	-	-	0.0425	-	-	-	0.0595	-	Nil	Nil
25	Lakhisarai	1	-	-	0.0425	-	-	-	0.0595	-	Nil	Nil
26	Araria	3	-	-	0.0425	-	-	-	0.028	-	Nil	Nil
27	Khagaria	1	-	-	0.0425	-	-	-	0.051	-	Nil	Nil
28	Jahanabad	1	-	-	0.085	-	-	-	0.051	-	Nil	Nil
29	Buxar	1	0	0	0.085	0	0	0	0.028	0	0	0
30	Kishanganj	1	0	0	0.0425	0	0	0	0.0595	0	0	0
31	Siwan	1	0	0	0.068	0	0	0	0	0	0	0
32	Jamui	1	0	0	0.0425	0	0	0	0.0595	0	0	0
33	Kaimur	2	0	0	2.12	0	0	0	0.17	0	0	0
	Total	**152**	**44.703**	**206.86**	**1532.62**	**0**	**41.965**	**131.241**	**3933.167**	**1980.8**	**0**	**0**

Table 3(b): Bihar- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	Not Applicable (NA)	Not Applicable (NA)	Bharat Oil & Waste Management Company Ltd., Kanpur, UP.	Lead Bearing Residue :30 MT
2	For disposal at common Incinerator	Not Applicable (NA)	Not Applicable (NA)	Not Applicable (NA)	Not Applicable (NA)
3	For recycling by Schedule IV recyclers	Not Applicable (NA)	Not Applicable (NA)	Not Applicable (NA)	Not Applicable (NA)
4	For utilization in co-processing (cement plants)	Not Applicable (NA)	Not Applicable (NA)	ACC Cement Works, Chaibasa, Jharkhand	Spent Catelyst: 2513 MT
5	For utilization under Rule 9 (other than co-processing)	Not Applicable (NA)	Not Applicable (NA)	Not Applicable (NA)	Not Applicable (NA)

Table 3(c): Bihar-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Muzaffarpur	Zinc ash (HW cat. No. 6.2), 608.9 MT	-	-	-	-	-	-	-
2	Patna	Lead Bearing Residue (HW Cat. No. 9.1/9.2), 2607MT	-	-	-	-	-	-	-
3	Aurangabad	Used Oil (HW cat. No. 5.1), 395 KL (336 MT)	-	-	-	-	-	-	-
	Total	**3551.9**							

Table 3(d): Bihar-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Patna	30	0	0	0	0	0	0	0

Table 3(e): Bihar-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Muzaffarpur	4.4	0	6.63	0	4.4	0	0.885	0
2	Aurangabad	0	107	0	0	0	113.8		0
3	Bhojpur	0	0	196	0	0	0	27.72	0
4	Munger	0	7.053	0.689	0	0	0	2.309	0
5	Patna	5	0	5.54	0	3.084	0	21.329	0
6	Bhagalpur	0	0	17.5	0	0	0	17.87	0
7	Begusarai	0	1368.156	0	7662	0	156.3	-	7129
8	Nalanda	0	0	0.77	0	0	0	5.07395	0
9	Kaimur	0	0	0	0	2.7	0	0.2	0.3
10	Gaya	0	0	0	0	1.599	0	0.0595	0
11	Saran	0	0	0	0	0	0	0.051	0
12	Sitamarhi	0	0	0	0	0	0	0.051	0
13	W Champaran	0	0	0	0	0	0	0.028	0

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
14	E Champaran	0	0	0	0	0	0	0.051	0
15	Jamalpur	0	0	0	0	0	0	0.051	0
16	Vaishali	0	0	0	0	0	0	0.0595	0
17	Nawada	0	0	0	0	0	0	0.051	0
18	Rohtas	0	0	0	0	0	0	0.1105	0
19	Jamui	0	0	0	0	0	0	0.0595	0
20	Darbhanga	0	0	0	0	0	0	0.0595	0
21	Gopalganj	0	0	0	0	0	0	0.051	0
22	Samastipur	0	0	0	0	0	0	0.051	0
23	Saharsa	0	0	0	0	0	0	0.0595	0
24	Katihar	0	0	0	0	0	0	0.0595	0
25	Madhubani	0	0	0	0	0	0	0.051	0
26	Lakhisarai	0	0	0	0	0	0	0.0595	0
27	Araria	0	0	0	0	0	0	0.028	0
28	Khagaria	0	0	0	0	0	0	0.051	0
29	Jehanabad	0	0	0	0	0	0	0.051	0
30	Buxar	0	0	0	0	0	0	0.028	0
31	Kishanganj	0	0	0	0	0	0	0.0595	0
	Total	**9.4**	**1482.209**	**227.129**	**7662**	**11.783**	**270.1**	**76.56745**	**7129.3**

Table 3(f): Bihar-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross	1	624	Annual report not submitted (Information not available)
2	Zinc Bearing Wastes	1	1381	608.9
3	Copper Bearing Waste	Nil	Nil	Nil
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	Nil	Nil	Nil
5	Lead bearing waste including battery waste	3	6270	2607
6	E-Waste	Nil	Nil	Nil
7	Paint and ink Sludge/residues	Nil	Nil	Nil
8	Used oil	3	10665	336
9	Waste Oil			
	Total	**8**	**18940**	**3551.9**
B	**Utilization of HW under Rule 9**	-	-	-
C	**Co-processing in Cement Plants**	-	-	-

Table 3(g): Bihar-List of Authorizede Recyclers/ Utilizers/Co-processors

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s Unision Lubricants India Pvt. Ltd., Industrial Growth Centre, Aurangabad	Used Oil	16 KLD (4800 MTA	336
2	M/s Essel Lubricants & Chemicals Pvt. Pvt. Eyari Road, Aurangabad	Used Oil	1155+2310 KLA	Unit non-operational
3	M/s Shristi Lube (India) Pvt. Ltd. NH-28, Barauni, Begusarai	Used Oil	2400 KLA	Unit closed
4	M/s Bhagwati Metalloys Pvt. Ltd., Industrial Area, Fatuha, Patna	Used Lead Acid Batteries (ULABs) and Lead Scraps	15 TPD (4320 MTA)	2607
5	M/s Jyoti Electro Chemicals, Industrial Area, Fatuha, Patna	Used Lead Acid Batteries (ULABs) and Lead Scraps	1.5 TPD 1.6 (450 MTA)	No information/Annual Return
6	M/s Mahesh Engineering Works, Industrial Area, Bela, Muzaffarpur	Used Lead Acid Batteries (ULABs) and Lead Scraps	1500 MTA	Unit non-operational
7	M/s Bharat Organics, Industrial Area, Bela, Muzaffarpur	Zinc ash	900 MTA	608.9
8	M/s S.M. Industries, Industrial Growth Centre, Gigha, Bhojpur	Zinc ash	480 MTA	No information/Annual Return
		Brass dross	624 MTA	

Table 3(h): Bihar-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	No TSDF in Bihar	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3(i): Bihar-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	No Captive TSDF	N/A	N/A	N/A	N/A	N/A

4.
CHANDIGARH
(Hazardous waste generation and its Management)

Table 4(a): Chandigarh -District-wise details on Hazardous Waste Generation

S.No	Name of the District	Number of HW Generating Industry	Authorised Quantity of Hazardous Waste (Metric Tonne)				* Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year (Metric Tonne)	Quantity of HW exported during the year (Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Chandigarh	245	24.833	2.46 MT	Acid Residue - 38.27 Zinc. Containing waste - 8675	NIL	129.033	24.73	1961.855 (Used Oil - 272.41 Acid Residue - 753.5 Zinc Containing waste - 935.945)	NA	NIL	NIL

Table4(b): Chandigarh- Details on Inter - State Movement of Hazardous Waste for recycling/utilization/disposal

S.No.	Hazardous Waste	Hazardous waste received from other State/UT		Hazardous waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity Received (MT)	Name of State/UT from which waste sent	Quantity sent (MT)
			12		13
1	For disposal of common secured landfill	N/A	N/A	Punjab	129.033
2	For disposal of common incinerator	N/A	N/A	Uttar Praddesh	24.73
3	For recycling by Schedule IV recyclers	N/A	N/A	Punjab, Hariyana & UP	1961.555
4	For utilization in co-processing (cement plants)	N/A	N/A	N/A	N/A
5	For utilization under Rule 9 (other than co-processing)	N/A	N/A	N/A	N/A

Table 4(c): Chandigarh-Details on Hazardous waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste generated within the State/UT				Recycling/Utilization of hazardous waste received within the State/UT			
		Quantity of waste Recycled/Utilized under Schedule IV Hazardous Wastes (MT)	Quantity Utilized (MT)			Quantity of waste Recycled/Utilized under Schedule IV Hazardous Wastes (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive utilization (other than col 15 & 16)		Co-processing in Cement Kiln	Other than co-processing	Captive utilization (other than col 18 & 20)
		14	15	16	17	18	19	20	21
	Chandigarh	N/A	N/A	N/A	N/A	NIL	N/A	N/A	N/A

Table 4(d): Chandigarh-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Chandigarh	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 4(e): Chandigarh-Details on Hazardous Waste Stored at Occupier Premises

Sr. No.	Name of the District	total Quantity of HW Stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW Stored at Occupier premises during the financial year i.e. 1st April to 31st March, 2018 MT			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		0	0	0	0	0	0	0	0

Table 4(f): Chandigarh-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No.	Type of Recycling Facilities	No. Of Facilities authorized for recycling/utilisation/Co-processing of HW	Total Authorised Capacity (MTA)	Quantity Recycled/Utilized/ Co-Processed (MT)
A	**Commonly Recyclable HW**			
1	Zinc Bearing Wastes	-	N/A	935.945
2	Spent sulphuric acid	-	**N/A**	753.5
3	Used Oil	-	**N/A**	272.41
	Total			**1961.855**
B	**Utilisation of HW under Rule 9**	-	-	-
C	**Co-processing in cement plant**	-	-	-

Table 4(g): Chandigarh-List of Authorized Recyclers/ Utilizers and Co-processors

S.No.	Name and Address of the Facility	Type of Hazardous Waste Recycled	Authorized Recycling / Utilization / CO-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-processed (MT)
1	M/s Ramky Enviro Engineers Limited, Opposite Vardhman Chemtech Ltd., Village-Nimbua, PO.-RampursainiaS, Tehsil-Derabassi, District-Mohali, Punjab.	Collection & transportation of ETP Sludge, Chemical Sludge etc.	(*)	129.033 MT
2	M/s Bharat Oil Company (I) Regd., E-18, Sahibabad Industrial Area, Site-IV, Ghaziabad, Uttar Pradesh.	Collection & transportation of Used Oil AND Incinerable Waste		Incinerable waste - 24.73 MT Used oil - 79.9 MT
3	M/s B.N. Concast (P) Limited, HSIDC Complex, Plot No. 18, Industrial Area, Alipur, Barwala, Panchkula, Haryana	Collection & transportation of Used Oil		3.9 MT
4	M/s Golden Petro, Plot No. C-45, Industrial Focal Point, Chanalon, District- SAS Nagar, Punjab.	Collection & transportation of Used Oil		121.355 MT
5	M/s Mahadev PetroChemicals, Plot No. D-116(P), Industrial Focal point, Mandi Gobindgarh, Distt. Fatehgarh Sahib (Punjab)	Collection & transportation of Used Oil		67.160 MT
6	M/s BRS Lubricants, D-57, Focal Point , Mandi Gobindgarh, Distt Fatehgarh sahib, Punjab-147301	Collection & transportation of Used Oil		0.0 95 MT

S.No.	Name and Address of the Facility	Type of Hazardous Waste Recycled	Authorized Recycling / Utilization / CO-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-processed (MT)
7	M/s J.B.R Technology (P) Ltd, Opposite Nexo Industries, Kohara Machhiwara Road, Kohara, Ludhiana East ,Punjab	Collection & transportation of Acid residue		568.4 MT
8	M/s Bhagwati Agro Industries, Tosham Road, VPO, Balawas, Hisar, Haryana	Collection & transportation of Acid residue		185.1 MT
9	M/s Chandigarh Zinc and Residues Pvt. Ltd., Plot No. 65, Industrial area , Phase II , Chandigarh	Zinc Processing unit (HW sold to Zinc Sulphate manufacturers)		61.7 MT
10	M/s Haryana Agro Chemicals (India), Plot No. 65, Industrial area , Phase II , Chandigarh	Zinc Processing unit(HW sold to Zinc Sulphate manufacturers)		622 MT
11	M/s Shivalik Industries, Plot No. 349, Industrial Area, Phase II, Chandigarh	Zinc Processing unit (HW sold to Zinc Sulphate manufacturers)		252.245
(*) The capacity could not provide because all the above mentioned units have been authorized for collection & transportation of hazardous waste from Chandigarh to their facility located in the nearby states.				

Table 4(h): Chandigarh-Details of Hazardous waste disposed in Common TSDF(s)

S. No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
Not Applicable																

Table 4(i): Chandigarh-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
Not Applicable						

5.
CHHATISGARH
(Hazardous waste generation and its Management)

Table 5(a): Chhatisgarh -District-wise details on Hazardous Waste Generation

S.No	Name of the District	Number of HW Generating Industry	Authorised Quantity of Hazardous Waste (Metric Tonne)				* Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year (Metric Tonne)	Quantity of HW exported during the year (Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Raipur	94	3560.59	2224.91	2007.71	47497.9	482.72	0.63	990.42	2986.38	0	0
2	Dhamtari	3	5.03	0	0.0065	1.83	0	0	0.004	0.72	0	0
3	Mahasamund	1	5	0	0	5	0.32	0	0	0.27	0	0
4	Balodabazar	7	0.5	57.4	1714.2	30	0	0	141.96	6.03	0	0
5	Durg	62	33148	11032.1	1154.422	2760.725	2904.35	2475.89	400.38	38.69	0	0
6	Rajnandgaon	3	0	0.1	1285	0	0	0.005	322.63	0	0	0
7	Balod	5	0	0	104.83	0	0	0	35.91	0	0	0
8	Kabirdham	1	0	0	0.5	0	0	0	0.032	0	0	0
9	Bilaspur	18	6770	260.6	159.4	63.28	39.4	28.02	22.01	6.58	0	0
10	Janjgir Champa	9	0	69.25	263.4	53.65	0	0	185.3	0	0	0
11	Mungeli	1	0	0	0.2	1.2	0	0	0	0	0	0
12	Bastar	5	0	6	27.05	0	0	0.7	4.21	0	0	0
13	Dantewada	7	0	0	118.908	0	0	0	118.9	0	0	0
14	Sukma	1	0	0	15.3	0	0	0	0	0	0	0
15	Raigarh	17	236	8714	1224	0.6	0	1435.7	282.95	0	0	0
16	Korba	36	12840.4	777.4	1576.86	112075.41	8470.75	638.69	508.97	81235.3	0	0
17	Surajpur	6	0	28.7	36.36	0.32	0	11.8	9.3	0	0	0
18	Korea	2	0	3	56.37	0	2.5	53.5	0	0	0	0
19	Surguja	2	0	0	21	0	0	0	18.5	0	0	0
20	Balrampur	2	0	0	0.8	0.092	0	0	0.25	0	0	0
	Total	**282**	**56565.52**	**23173.46**	**9766.3165**	**162490.00**	**11900.04**	**4644.935**	**3041.726**	**84273.97**	**0**	**0**

Table5(b): Chhatisgarh- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	NIL	NIL	NIL	NIL
2	For disposal at common Incinerator	NIL	NIL	NIL	NIL
3	For recycling by Schedule IV recyclers	Karnataka, U.P., Punjab, Assam, Odisha, Madhya Pradesh, Maharashtra, Gujarat	2564.22	Gujarat, Rajasthan, West Bengal, Maharashtra	1807.91
4	For utilization in co-processing (cement plants)	West Bengal, Gujarat, Goa, Andhra Pradesh, Telengana, Tamil Nadu, Dadra & Nagar Haveli	14363.72	NIL	NIL
5	For utilization under Rule 9 (other than co-processing)	U.P. Madhya Pradesh, Andhra Pradesh, Odisha	9683.91	NIL	NIL

Table 5(c): Chhatisgarh-Details on Hazardous Waste Recycled and Utilized

Sr. No.	Name fo the District	Recycling / Utilization of Waste (generated within the State/ UT)				Recycling / Utilization of hazardous waste (received from other State /UT)			
		Quantity of waste recycled (listed under Schedule IV Hazrdous Waste) (MT)	Quantity Utilized (MT)			Quantity of waste recycled (listed under Schedule IV Hazrdous Waste) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Under Rules 9 Other than Co-Porcessing)	Captive Utilziation /other than coloumn 19 & 20		Co-processing in Cement Kiln	Under Ruels 9 Other than Co-Porcessing)	Captive Utilziation /other than coloumn 19 & 20
		14	15	16	17	18	19	20	21
1	Raipur	825.9	0	2007.97	2986.38	2403.48	0	3106.53	0
2	Dhamtari	0	1276.19	0	0	0	14363.72	0	0
3	Mahasamund	107.24	0	0	0	45.96	0	0	0
4	Balodabazar	0	0	0	0	0	0	0	0
5	Durg	21.89	0	0	0	114.78	0	0	0
6	Rajnandgaon	0	0	0	0	0	0	0	0
7	Kabirdham	0	0	0	0	0	0	0	0
8	Bilaspur	403	0	0	0	0	0	1784	0
9	Korba	128.5	0	0	76381	0	0	4793.38	0
	Total	**1486.53**	**1276.19**	**2007.97**	**79367.38**	**2564.22**	**14363.72**	**9683.91**	**0**

Table 5(d): Chhatisgarh-Details on Hazardous Waste Disposed

Sr. No.	Name fo the District	Disposal of hazardous waste (generated within the State/ UT)				Disposal of hazardous waste (received from other State /UT)			
		Quantity Disposed in Secured Landfill		Quantity disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill		Quantity Disposed through incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Durg	0	1860.59	0	0	0	0	0	0
2	Korba	0	8164	0	0	0	0	0	0
3	Raipur	0	0	0	4.7	0	0	0	0
	Total	**0**	**10024.59**	**0**	**4.7**	**0**	**0**	**0**	**0**

Table 5(e): Chhatisgarh-Details on Hazardous Waste Stored at Occupier Premises

Sr. No.	Name of the District	total Quantity of HW Stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW Stored at Occupier premises during the financial year i.e. 1st April to 31st March, 2018 MT			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Raipur	789.6	5.86	195.36	332.72	492.02	6.49	245.55	951.83
2	Balodabazar Bhatapara	0	0	0	0	0	0	0	0
3	Mahasamund	1.2	0	0	0	1.52	0	0	0
4	Dhamtari	5	0	0	0.7	5	0	0	0.3
	Total	**795.8**	**5.86**	**195.36**	**333.42**	**498.54**	**6.49**	**245.55**	**952.13**

Table 5(f): Chhatisgarh-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross	3	318	0.25
2	Zinc Bearing Wastes	4	6850	262
3	Copper Bearing Waste	6	2828	12.57
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	8	26353	2329.2
5	Lead bearing waste including battery waste	7	3388	710.63
6	E-Waste	0	0	0
7	Paint and ink Sludge/residues	0	0	0
8	Used oil	5	13426	301.588
9	Waste Oil	1	10500	0
	Total	**34**	**63663**	**3616.238**
B	**Utilization of HW under Rule 9**			

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
	Utilization of pre-processed Used Anode Butt to produce Green Anodes through Anode- Baking Process for use in Aluminium Smelters.	1	100000	76381
	De-contamination of contaminated drums/ containers / barrels	2	650	12
	Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal	23	105250	10774
	Utilization of Vanadium Sludge generated from Aluminia refineries for production of Vandium metal.	7	12030	1642
	Utilization of Phenolic Waste water generated from Coal Gasifier Condensate water for quencing of hot gases in After Burning Chamber of Direct reduced iron (DRI) kiln of sponge iron industry.	2	5820	2986.38
	Total	**35**	**223750**	**91795.38**
C	**Co-processing in Cement Plants**	5	287211.52	15639.918

Table 5(g): Chhatisgarh-List of Authorizede Recyclers/ Utilizers/Co-processors

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
1	M/s Columbia Petro Chemicals 22 I/A Bhanpuri Raipur (C.G)	Used oil/Spent oil	3200 KL/Annum	301.58 KL
2	M/s Accumulator Industries Near Hindustan Tiles I/A Bhanpuri, Raipur	Lead Acid Battery Plates/Lead Scrap	568 MT/Y	185.6 MT/Y

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
3	M/s RefracastMetallurgicals (P) Ltd. (Unit-2), 23 Industrial Area, Post – Birgaon, Raipur	Spent catalyst containing nickel, Spent catalyst containing Cobalt & Vanadium	3000 MT/Y	680.8 MT/Y
4	M/s RefracastMetallurgicals (P) Ltd. (Unit-1), 23 Industrial Area, Post – Birgaon, Raipur	Spent catalyst containing nickel, Spent catalyst containing Cobalt & Vanadium	3000 MT/Y	-
5	M/s Arth Metallurgicals Pvt. Ltd., Village – Lalpur, Dharsiwa, Dist. –Raipur	Vanadium Sludge	5000 MT/Y	41.5 MT/Y
		Spent catalyst containing Nickal	1500 Tonne/Y	1291.4 MT/Y
		Spent catalyst containing Cobalt	900 Tonne/Y	357 MT/Y
		Zinc ash & Residues including zinc alloy residues in dispersible form	600 Tonne/Y	22.6 MT/Y
		Lead acid battery plates & other Lead scrap/ ashes/ residues	100 Tonne/Y	-
6	M/s Refmet Technologies Pvt. Ltd., SatyaVihar, Pacheda, Tehsil- Arang, District- Raipur	Spent catalyst containing Copper, Spent catalyst containing Nickle, Spent catalyst containing Zinc, Copper Reverds, Cakes, Residues & Slag from Copper Processing.	1000 MTY	-
7	M/s R. K. Industries, Ring Road No.-2, Village-Gondwara, District- Raipur	Lead acid battery plates & lead scrap	300 MT/Y	142 MT/Y
8	M/s Shivam Motors, Industrial Area – Birkoni,	Brass dross	150 MT/Y	

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
	District- Mahasamund	Copper dross	150 MT/Y	
		Lead acid battery plates & lead scrap	700 MT/Y	153.2
9	M/s Madhav Agro Chem Pvt. Ltd., 24 , Industrial Area – Bhanpuri, District- Raipur	Zinc dross hot dip galvanizers slab, Zinc dross- bottom dross, zinc ash/skimming arising from galvanizers &diecasting operations, Zinc ash/skimming/other zinc bearing wastes arising from smelting & refining	5500 MT/Y	4.2 MT/Y
10	M/s Om Chemical Industries, Industrial Area – Urla, District- Raipur	Zinc ash	500 MT/Y	235.1 MT/Y
11.	M/s Ambuja Cement Eastern Ltd (Cement Plant) PO - Rawan , Distt - Balodabazar-Bhatapara (Co-Processor)	1. ETP Sludge (BASF India Ltd, Mangalore)/Similar industries/ Sectors	10 T/Day	Mixture of process and utility sludge 6233.89 Tonnes
		2. Toluene Di Isocyanate Tar and TDI Tar (M/s Narmada Chematur Petrochemicals Ltd., Bharuch) Aniline Plant/TDI Plant/Similar industries/ Sectors	20 T/Day	PTA contaminated 4.1 Tonnes
		3. Paint Sludge (Automobile Sector)	30 T/Day	Oil soaked cotton waste -4.1 Tonnes
		4. Refinery Sludge (M/s Chennai Petrochemicals Company Ltd, Chennai)/Similar industries/Sectors	30 T/Day	Chemical sludge from ETP – 20.42 Tonnes

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		5. Phosphate Sludge (Ford India Ltd, Chennai) (Automobile Sector)/Similar industries/Sectors	11 T/Day	FE salt, ETP sludge, mixed sludge-1579.79 Tonnes
		6. N Butanol Salt (M/s Jubilant Organosys Ltd, Mysore) (Pharmaceutical industry)/ Similar industries/Sectors	12 T/Day	Spent Carbon – 12.025 Tonnes
		7. Spent Carbon (Hindustan Coca Cola Beverages Pvt Ltd, Bangalore)/Similar industries/ Sectors	23 T/Day	Used PPE – 133.47 Tonnes
		8. ETP Bio Solid (Hindustan Coca Cola Beverages Pvt Ltd, Bangalore)/Similar industries/Sectors	25 T/Day	Insulation waste – 33.87 Tonnes
		9. WTP Sludge (Hindustan Coca Cola Beverages Pvt Ltd, Bangalore)/Similar industries/Sectors	22 T/Day	Mixed salt – 8.7 Tonnes
		10. Solar Evaporation Pond Sludge Salt (M/s Jubilant Organosys Ltd, Mysore)/Similar industries/Sectors	12 T/Day	ETP sludge – 806.4 Tonnes
		11. Oily Rags (Ford India Ltd, Chennai)(Automobile Sector)/Similar industries/Sectors	3 T/Day	SPL – 506 Tonnes

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		12. Grinding dust (SKF India Ltd., Bangalore) Automobile Bearings/Similar industries/ Sectors	9 T/Day	
		13. Liquid Organic Solvent (Pharma industry)/Similar industries/ Sectors	15 T/Day	
		14. Solid Organic Solvent (Pharmaceutical industry)/Similar industries/Sectors	15 T/Day	
		15. ETP Sludge (Automobile Industry)/Similar industries/ Sectors	20 T/Day	
		16.Spent Catalyst (IOCL, Barauni) Oil Refinery/Similar industries/ Sectors	33 T/Day	
		17. Organic Residue (Reprocessing of used oil)/Similar industries/ Sectors	13 T/Day	
		18. Spent clay (Reprocessing of used oil)/Similar industries/ Sectors	13 T/Day	
		19. Acid Tar Sludge (M/s Bhilai Steel Plant, Durg)/Similar industries/Sectors	25 T/Day	

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		20. ETP Sludge (KEC International Ltd) infrastructure Engineering, Procurement and Construction (EPC)/Similar industries/Sectors	25 T/Day	
		21. Contaminated plastic waste (Board and Paper industries, Vapi, Gujarat)/Similar industries/Sectors	10 T/Day	
		22. Liquid Organic Spent Solvent (Pharma Industries)	10 T/Day	
		23. Incineration Ash (Tata Motors, Jamshedpur) Automobile sector/Similar industries/ Sectors	5 T/Day	
		24. Waste/residue containing oil (National Engineering Industry) Bearings manufacturing/Similar industries/ Sectors	1.68 T/Day	
		25. Process waste/residue (M/s Cheminova India Ltd,) Pesticide industry/Similar industries/ Sectors	15 T/Day	
		26. Dismantled Lube/Fuel oil filter (M/s Diesel Loco Shed, Itarsi)/Similar industries/ Sectors	19 T/Day	

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		27. Mixed waste (distillation residue, residue and waste, spent catalyst and spent carbon and date expired medicine and off specification drugs) pharma Industry/Similar industries/ Sectors	25 T/Day	
		28. Process/distillation residue and wastes pharma industries/ Similar industries/Sectors	20 T/Day	
		29. ETP Sludge and other Process sludge (M/s Lanxes India Pvt Ltd.) Ion exchange resin chemicals manufacturing/Similar industries/ Sectors	20 T/Day	
		30. Grinding muck (M/s Bosch Ltd) Mechanical and electronic diesel control pumps manufacturing/ Similar industries/Sectors	20 T/Day	
		31. Plastic waste (hazardous waste) N R Agarwal Industries Ltd paper manufacturing from waste paper/ Similar industries/Sectors	15 T/Day	

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		32. Distillation residue (both liquid and solid) and spent carbon (pharma industry)/ Similar industries/Sectors	20 T/Day	
		33. ETP sludge of M/s Tata Steel Ltd, Tube Div, Jamashedpur and M/s Indian Steel and Wire Products Ltd, Jharkhand Steel and Wire Products/ Similar industries/Sectors	20 T/Day	
		34. Spent pot lining from M/s BALCO, KorbaAluminium Smelter Plant/Similar industries/Sectors	12 T/Day	
		35. Chemical ETP Sludge from M/s Merck Ltd., Goa pharma company/Similarindustries/ Sectors	25 T/Day	
		36. Boiler carbon from M/s Syngenta India Ltd. Goa Pesticide/Agro chemical industrie/Similar industries/Sectors	15 T/Day	
		37. Off specification products and ETP sludge from M/s Lupin Ltd, Goa PharmaCompany/Similar industries/Sectors	15 T/Day	

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		38. Date expired medicines and off specification drugs Torrent Pharma Ltd, kadi, Gujarat/Similar industries/Sectors	15 T/Day	
12.	M/s Lafarge India Pvt. Ltd Sonadih Cement Plant PO-Raseda, Distt - Balodabazar-Bhatapara (C.G.) (Co-Processor)	Waste mix solid (Plastic & resin & waste/low density solid waste),	25275 MT/Y	3237.067
		waste mix liquid	49245 MT/Y	73.2 MT/Y
		TDI Tar waste	2400 MT/Y	322.45 MT/Y
		Waste mix solid and waste mix liquid (from GEPIL Telangana)	12000 MT/Y	-
13.	M/s Rawan Cement Works (Unit of Ultra Tech Cement Ltd.) Grasim Vihar, RawanDistt - Balodabazar-Bhatapara (Co-Processor)	Spent Catalyst/Spent Carbon of Pharma Industries	200 MT/Day	
		Liquid Organic Spent Solvent of Pharmaceutical Industries (Spent Organic Solvents)	276 MT/Day	184.93
		Solid Organic Spent Sovent Of Pharmaceutical Industries (Spent Organic Solvents)	267 MT/Day	1700

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		Paint Sludge Generated From Automobile Sector (Process Wastes, Residues & Sludge)	450 MT/Day	
		Phosphate Sludge Of Automobile Industry	48 MT/Day	
		Grinding Dust From Automobile Industry	19 MT/Day	
		Oily Rags Generated From Automobile Sector	7 MT/Day	
		ETP Sludge Of Automobile Industries (Chemical Sludge From Waste Water Treatment)	185 MT/Day	
		ETP sludge of textile industries (Chemical Sludge From Waste Water Treatment)	185 MT/Day	
		Spent Catalyst Generated From Oil Refinery	95 MT/Day	
		Refinery sludge (oily sludge/emulsion)	450 MT/Day	
		ETP Bio-Solid waste generated from soft drink industries (Spent ion exchange resin containing toxic metal)	65 MT/Day	

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		WTP sludge generated from soft drink industries (Spent ion exchange resin containing toxic metal)	71 MT/Day	
		Spent Carbon generated from soft drink industries (Spent ion exchange resin containing toxic metal)	73 MT/Day	
		Process waste & residues of pesticide/agro chemical industries	95.54 MT/Day	
		Chemical ETP sludge of Pesticide/agro chemical industries	23.8 MT/Day	
		Date expired, disearded and off-specification drugs/medicines of Pharma industries	23.5 MT/Day	
		Process/Distillation residues and wastes of Pharma industries	120 MT/Day	
		Dismantled Iube/fuel oil filter of Diesel loco shed/automobile industry	27 MT/Day	
		Waste/residues (sludge from process) and filters & filter material of polymer industries/Epoxy resin and hardness manufacturing industries	81 MT/Day	

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		Acid tar sludge (M/s Bhilai steel plant, Durg/iron and steel industries)	51 MT/Day	
		Spent pot Lining (from M/s Balco, Korba/primary Aluminium smelter plant)	17 MT/Day	
14.	M/s Ultra Tech Cement Limited, Hirmi Cement Works Hirmi, Distt - Balodabazar-Bhatapara (Co-Processor)	Refinery sludge	15000 T/Y	
		Spent catalyst generated from oil refinery	6000 T/Y	
		Grinding dust generated from automobile industry	2628 T/Y	
		Oily rags generated from automobile industry	972 T/Y	
		Phosphate sludge of automobile Industries	4000 T/Y	
		Paint sludge generated from automobile sector	12000 T/Y	
		Spent carbon of pharma industries	4000 T/Y	
		Liquid and Solid organic spent solvent of pharmaceutical industries	15000 T/Y	
		ETP Sludge from Automobile industries and textile industries	12000 T/Y	
		ETP Bio-solid waste, WTP sludge and Spent carbon generated from soft drink industry	12000 T/Y	

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		Date expired, Discarded & off-specification drugs/medicines of pharma industries	3974 T/Y	
		Process/Distillation residues and wastes of pharma industries	20304 T/Y	728.84
		PTA waste mix from M/s MCC PTA india corporation Pvt. LTd., West Bengal	4579 T/Y	
		Process waste & residue pesticides/agro chemical industries	16186 T/Y	
		Chemical ETP sludge of agro chemical industries	4032 T/Y	
		Dismantled lube/fuel loco shed	4608 T/Y	
		Waste/residues (sludge from process) and filters & filter material of polymer industries	13709 T/Y	
		Spent pot lining (SPL) from M/s Balco, Korba	2880 T/Y	50.24
		Acid Tar Sludge (from Bhilai steel plant/iron and steel industries)	6000 T/Y	
15.	M/s Shree Raipur Cement Plant, (A Unit of Shree Cement Ltd.), Vill.- Khaparadih, Teh.- Simga, Distt.- Raipur	Acid Tar Sludge	2000 MT/Y	-

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
16.	M/s. R.N. Enterprises, P.H. No. 13/11, Kh.No. 451/1, Village-Chhapora, Dharsiwa, Distt.- Raipur (C.G.)	Flue gas dust and other particulates and process residue	1200 MT/Y	116.25 MT/Y
17.	M/s R.K.Metal, Plot No. 20, Metal Park, Rawabhata, Raipur, Distt.- Raipur	Drosses and waste from treatment of salt sludge	3000 MT/Y	51.25 MT/Y
18.	M/s Chanda Metals & Engineering, Plot no. 111 Industrial Growth Centre Phase II Siltara Raipur	Drosses and waste from treatment ofsalt sludge	2000 MT/Y	40 MT/Y
19.	M/s Arise Chemicals Industries Pvt. Ltd., Plot No. 567-A, Industrial Area Urla, Distt.- Raipur	Drosses and waste from treatment of salt sludge	9000 MT/Y	792.9 MT/Y
20.	M/sShivamMetallurgicalsPvt. Ltd., plot No. 16/1, Industrial Area, Siltara, Raipur, Distt.- Raipur	Drosses and waste from treatment of salt sludge	13200 MT/Y	1471.3 MT/Y
21.	M/s Hi-tech metafluxes 354, Sect. C. Industrial area urla, Distt.- Raipur	Drosses and waste from treatment of salt sludge	4000 MT/Y	49.3 MT/Y
		Flue gas dust and other particulates and process residue	7200 MT/Y	40 MT/Y
22.	M/s Nikita MetallurgicalsPvt. Ltd., Shed No.- 06, Phase-I, Industrial Area, Siltara, Distt.- Raipur	Drosses and waste from treatment of salt sludge	4350 MT/Y	2500 MT/Y
23.	M/s P.K. Industries, DhanLaxmi Nagar, Bhanpuri, P.O.- Birgaon, Distt.- Raipur	Discarded containers/ barrels/ liners contaminated with hazarous chemicals/ wastes	350 MT/Y	12 MT/Y

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
24.	M/s Godawari Power &Ispat Ltd., Plot No.-428/2, Phase-I Siltara Industrial Area, Distt.-Raipur	Organic Residues (Phenolic Waste Water Containing Organic Residues)	3630 KL/ Y	1792.38 MT/ Y
25.	M/s Shri Bajrang Power &Ispat Ltd., Vill.-Tandwa, Teh.- Tilda, Distt.- Raipur	Organic Residues (Phenolic Waste Water Containing Organic Residues)	2190 KL/Y	1194 MT/Y
26.	M/s Mahamaya Calcinations, Plot No.- 73-C & 73-D, Sector- B, Industrial Area, Sirgitti, Bilaspur, Distt.- Bilaspur	Drosses and waste from treatment of salt sludge	6000 MT/Y	260.73 MT/Y
27.	M/s Kejriwal Metal Casting, 74-G, Sector-B, Industrial Area, Sirgitti, Bilaspur, Distt.-Bilaspur (C.G.)	Drosess and waste from treatment of salt sludge	2800 MT/Y	968.5 MT/Y
28.	M/s Shri Ram Industries, Plot No. 27-A, Rani Durgawati Industrial Area, Anjani, Pendraroad, Tehsil-Pendraroad, Distt.-Bilaspur (C.G.)	Drosess and waste from treatment of salt sludge	1600 MT/Y	272.5 MT/Y
29.	M/s Shiv Metal Industries, MaharanaPratap Nagar, GhuruAmeri Road, Ph. No. 24, Khasra No. 620/5, Bilaspur, Distt.-Bilaspur (C.G.)	Drosess and waste from treatment of salt sludge	3000 MT/Y	278.48 MT/Y
30.	M/s K.K. Lubes Pvt. Ltd., Plot No.- 4 (Part), Sector- B, Industrial Area Sirgitti, Distt.-Bilaspur	1.Use/Spent Oil	3000Kl/Y	403.00 MT/Y
		2. Waste/ Residue Containing oil	3000Kl/Y	Nil

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
31.	M/s Aryan Loha& Alloys Pvt. Ltd., Plot No.- 1 & 2, Industrial Area, Boregaon, Distt.- Durg	Drosses and waste from treatment of salt sludge	15000 MT/Y	-
32.	M/s. Golcha Chemicals (Wax Division) 46, Heavy Industrial Area, BhilaiDistt. Durg.	1. Used Oil	1200 KL/Y	
		2. Waste Oil	10500 KL/Y	-
33.	M/s. Supreme Petro Synth Specialities, 15/B, Heavy Industrial Area, HathkhojBhilai, Distt. Durg.	Used oil	9000 KL/Y	-
		Waste/residue containing oil	12000 MT/Y	-
		Oily sludge emlusion		
		Slop oil from waste water		
		Oil containing cargo residues washing water and sludge		
		Sludge & filter contaminated with oil		
		Spent solvent		
		Oil & grease skimming residue		
		Tarry residue	3000 MT/Y	Nil
		Decanter tank tar sludge		
		Tar storage tank residue		

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		Benzol acid sludge		
34.	M/s. G.N. Chemicals, 123/A, Light Industrial Area, BhilaiDistt. Durg	Used/spent oil	3200 KL/Y	5.0 MT/Y
		Waste/residues containing oil	320 KL/Y	Nil
35.	M/s Sejal Sales Corporation, Plot no., 11/S, Heavy Industrial Area, Hathkhoj, Bhilai, Distt. Durg	Used/spent oil	8000 KL/Y	Nil
		Wastes/residues containing oil	12000 KL/Y	Nil
36.	M/s. Power Pack Indusstries, 32/D, Light Industrial Area, Bhilai, Distt. Durg	Used lead acid battery including grid plates and other lead scrap/ ashes/ residues	1000 MT/Y	100.28 MT/Y
		Insulated copper wire scrap or copper with PVC sheeting including ISRI code material namely "Druidand Jelly field copper cables	150 MT/Y	Nil
37.	M/s. Shreyansh Industries, 14/A, Light Industrial Area, Bhilai, Distt. Durg.	Copper dross, Brass dross, insulated copper wire scrap, lead acid battery plates and other lead scrap	310 MT/Y	0.55 MT/Y
38.	M/s. Sobhawat Metal Industries, Pulgaon, Balod Road, Durg Distt. Durg.	Non Ferrous metal bearing sludge and residue	2.0 MT/Y	Nil
		Bross dross	200 MT/Y	9.07 MT/Y
		Copper dross	50 MT/Y	12.27 MT/Y
		Copper wire scrape	100 MT/Y	-

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
		Zinc dross & bottom dross	50 MT/Y	Nil
39.	M/s. Rover Ferro Tech Pvt. Ltd. Plot No. 05G/A, Hevy Industrial Area HathkhojBhilai,Distt. Durg.	Vanadium sludge	1200 MT/Y	14.5 MT/Y
40.	M/s. ADV Metal Combine (P) Ltd.,Shed No. 09, Boarai Industrial Growth Centre, Rasmada, District- Durg(C.G.).	Aluminum Dross (Waste from Treatment of salt slag and black drosses)	2000 MT/Y	1.1 MT/Y
41.	M/S Simhagiri foundry works Pvt. Ltd. plot no 126 Zone B industrial Growth Center Borai, Rasmada, Distic - Durg (C.G.).	Insulated copper wire scrap or copper with PVC sheeting including ISRI code material namely "Druid"	1800 MT/Y	Nil
		Jelly field copper cables		
		Brass dross		Nil
		Copper dross	36 MT/Y	
42.	M/s Shri ShyamSteels,plot No.- 78, Fouzi Nagar, Industrial Estate, Bhilai, Distt.- Durg	Empty barrels/Liners contaminated with Hazardous Wastes/Chemicals	300 MT/Y	Nil
43.	M/s Shivansh Green Energy Solution Pvt. Ltd., Vill.- Basin, Teh.- Durg, Distt.- Durg	1. Drosses and waste from treatment of salt sludge	8000 MT/Y	724.093 MT/Y
44.	M/s J. K. Lakshmi Cement Limited, Village-MalpuriKhurd and Khasadih,Tehsil-Dhamdha,Distt.-Durg (C.G.)	Acid Tar Sludge	10 T/Day	-

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
45.	M/s Bansal Metachem, Plot No.- 81/B, Industrial Area,Rajagamar Road, Korba	Drosses and waste from treatment of salt sludge	600 MT/Y	113 MT/Y
46.	M/s Matriachhaya Industries, Plot No. 57 B, Industrial Area, Rajagamar Road, Korba, Distt.- Korba	Drosses and waste from treatment of salt sludge	3600 MT/Y	1000 MT/Y
47.	M/s Trade Well Industries, Plot No. 81 A, Industrial Area,Korba, Distt.- Korba	Drosses and waste from treatment of salt sludge	3000 MT/Y	957 MT/Y
48.	M/s Vinay Industries, Plot No.- 45 B, Industrial Area, Distt.- Korba	Used Lead acid battery including grid plates and other lead scrap/ashes/residues	720 MT /Y	128 MT/Y
49.	M/s R.R. Ferro Alloys (P) Ltd., 65 Industrial Area, Distt.- Korba	1. Drosses and waste from treatment of salt sludge	10000 MT/Y	-
		2.Vanadium sludge from alumina refineries	2400 MT/Y	615.38 MT/Y
		3. spent catalyst containing vanadium	10000 MT/Y	-
50.	M/s Shiva Industries, 72& 73 Industrial Area, Distt.- Korba	1. Drosses and waste from treatment of salt sludge	2000 MT/Y	150 MT/Y
		2.Vanadium sludge from alumina refineries	400 MT/Y	-
51.	M/s Star Alloys & Chemicals Pvt. Ltd., Plot No.- 68,69 & 70, Industrial Area, Rajgamar Road, Distt.- Korba	1.Vanadium sludge from alumina refineries	1670 MT /Y	970 MT/Y

S. No.	Name and Address of the Facility	Type of Hazardous Waste authorized for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-Processed (MTA)
52.	M/s Bharat Aluminium Company Ltd., BALCO Nagar, Korba, Distt.- Korba	Used anode butts	100000 MT/Y	76381 MT/Y
53.	M/s Shree NLA Industries, Plot No. 78, Industrial Area, Rajgamar Road, Korba, Distt.- Korba	1. Spent catalyst containinig Vanadium	1200 MT/Y	-
		2. Vanadium Sludge	1200 MT/Y	-
		3. Aluminium Black Dross/Scrap	1200 MT/Y	488 MT/Y
54.	M/s Jai Maa Rani Sati Metal Industries, Vill.- Kharmora, Teh.- Korba, Distt.- Korba	Drosses and waste from treatment of salt sludge	2800 MT/Y	500 MT/Y
55.	M/s Gajanand Metal Industries, Plot No.- 47, Industrial Area Korba	Drosses and waste from treatment of salt sludge	3000 MT/Y	Nil
56.	M/s Sarvamangla Metal Industries, Vill.- Kharmora, Korba	Drosses and waste from treatment of salt sludge	900 MT/Y	Nil
57.	M/s Gurushree Industries Pvt. Ltd., Village- Delari, P.H.No. 15, Khasra No. 43/1 & 45/2, Distt.- Raigarh (C.G.)	Vanadium Sludge	560 MT/Y	Nil

Table 5(h): Chhatisgarh-Details of Hazardous waste disposed in Common TSDF(s)

S.No.	Name and Address of the TSDF	Quatity in Stock at the beginning of the year (MT)		Quatity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after Treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Capacity of Incinerator (KCal)	Capacity of Incinerator (T/H)	Capacity of Landfill (MT/A)
	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Table 5(i): Chhatisgarh-Details of Hazardous waste disposed in Captive TSDF(s)

Sr. No.	Name and Adderess of Captive Facility	Type of Facility (landfillable/incinerable/both)	Capacity		HW Disposed during the year (MT)	Commulative HW disposed till the end of financial year (MT)
			Incinerator (T/H)	Landfill (MT)		
1	M/s Vishnu Chemicals Ltd. Plot NO. 18-26, Industrial Area, Nandini Road, Bhilai Dist.- Durg (C.G)	Landfillable	0	4,500	1860.59	22700
2	M/s Bharat Aluminium Company Ltd., Balco Nagar, Korba (C.G)	Landfillable	0	12250	8164	3700
3	M/s Deisel Loco Shed, WRS Colony, Post-Pandari, Raipur (C.G)	Incinerator	0.04	0	4.7	20

6.
DAMAN & DIU
AND
DADAR & NAGAR HAVELI
(Hazardous waste generation and its Management)

Table 6(a): Daman & Diu and Dadra & Nagar Haveli -District-wise details on Hazardous Waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year (Metric Tonne)	Quantity of HW exported during the year (Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Daman	106	648.64	612.581	1674.29	Nil	71.905	675.125	201.66	Nil	1381.409	Nil
2	Dadar and Nagar Haveli	256	1034.497	856.661	6459.638	Nil	1341.27	988.308	778.1025	Nil	29512.9528	Nil
	Total	362	1683.137	1469.242	8133.928	0	1413.175	1663.433	979.7625	0	30894.3618	0

Table 6(b): Daman & Diu and Dadra & Nagar Haveli- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	NA	NIL	NA	NIL
2	For disposal at common Incinerator	NA	NIL	NA	NIL
3	For recycling by Schedule IV recyclers	Maharashtra and Gujarat	20702.6929	NA	NIL
4	For utilization in co-processing (cement plants)	NA	NIL	Chhattisgarh	835.18
				Gujarat	116.94
5	For utilization under Rule 9 (other than co-processing)	Maharashtra	8810.2599	NIL	NIL

Table 6(f): Daman & Diu and Dadra & Nagar Haveli -Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Daman	Nil	Nil	Nil	Nil	2910.31	Nil	Nil	2961.68
2	Dadar and Nagar Haveli	Nil	Nil	Nil	Nil	11892.433	Nil	Nil	8810.2599
	Total	**0**	**0**	**0**	**0**	**14802.743**	**0**	**0**	**11771.9399**

Table 6(d): Daman & Diu and Dadra & Nagar Haveli -Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Daman	93.08	Nil	769.493	Nil	Nil	Nil	Nil	Nil
2	Dadar and Nagar Haveli	2322.614	Nil	1125.883	Nil	Nil	Nil	Nil	Nil
	Total	**2415.694**	**0**	**1895.376**	**0**	**0**	**0**	**0**	**0**

Table 6(e): Daman & Diu and Dadra & Nagar Haveli -Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Daman	258	78.6	Nil	1495.361	565.653	398.154	Nil	3667.388
2	Dadar and Nagar Haveli	676	199.713	Nil	1836.432	1341.27	988.308	Nil	12102.143
	Total	**934**	**278.313**	**0**	**3331.793**	**1906.923**	**1386.462**	**0**	**15769.531**

Table 6(f): Daman & Dadra Nagar Haveli -Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross	4	7382.4	4778.1822
2	Zinc Bearing Wastes	4	10910	4835.3265
3	Copper Bearing Waste	5	28187.6	5189.1723
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	Nil	Nil	Nil
5	Lead bearing waste including battery waste	Nil	Nil	Nil
6	E-Waste	Nil	Nil	Nil
7	Paint and ink Sludge/residues	Nil	Nil	Nil
8	Used oil	Nil	Nil	Nil
9	Waste Oil	Nil	Nil	Nil
	Total	**13**	**46480**	**14802.681**
B	**Utilization of HW under Rule 9**	0	0	0

Table 6(g): Daman & Diu and Dadra & Nagar Haveli -List of Authorizede Recyclers/ Utilizers/Co-processors

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s RHJ Industries Pvt. Ltd., Plot No. 3,4,5, Bharat Indl. Estate, Bhimpore, Daman.	Copper Druid, Copper Ash, Residues and cake, Copper dross, Copper oxide mill scale, copper skimming, copper reverts, brass dross, zinc dross, zinc ash &residue	4350 MTA	2961.68
2	M/s Dhakad Metal Corporation, 341/4, Bharat Indl. Estate, Bhimpore, Nani, Daman	Brass dross, Copper dross,Copper scraps & Brass scraps	2700 MTA	0
3	M/s Metal Gems, 113 to 120, Panchal Udhyog Nagar, Bhimpore, Daman.	Copper Druid	15000	0
4	M/S Nico Extrusion Pvt. Ltd., Plot No. 4, Before Naroli Check Post, Naroli, Silvassa	Brass dross, Copper dross, Copper Residues, Copper oxide, mill scale, Copper Druid	9360	6519
5	M/s Singhal Commodities Pvt. Ltd., 47/1/1/1, 47/1/1/2 & 47/1/3, Kherdi, Silvassa	Brass dross, Copper dross, Zinc Dross	3600	2966.598
		Zinc ash and residue, copper reverts, cake and residue	5670	
6	M/s RHJ Metals Pvt. Ltd., Sr. No. 47/1/4 & 47/1/1/3, Khrdi, DNH	Copper oxide mill scale, copper reverts, cake and residue & Copper alloy indispensible	5500	2406.835
		Brass dross, Copper dross, Zinc Dross, Zinc residue, zinc ash and skimming	1200	
7	M/s Oyster Industries Pvt. Ltd. , Sr. No. 290/1, Near Sugar Factory, Surangi, DNH	Used awste tyres (B3140 of Sch-III) 23760 MT/A	5400	8810.259

Table 6(h): Daman & Diu and Dadra & Nagar Haveli -Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	Green Gene Enviro Protection &Infrastructure (D&NH) Pvt. Ltd. Survey Number 9/1, Village Mota Randha, Silvassa, UT-D*NH, Pin Code-396230	0	44.664	2136.77	180.4	1620.89	2045.2	277.43	1125.83	0	458.369	539.722	1864.24	2.5MKcal/hr	0.5 T/H	2,00,000 MTA

Table 6(i): Daman & Diu and Dadra & Nagar Haveli -Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	Green Gene Enviro Protection &Infrastructure (D&NH) Pvt. Ltd. Survey Number 9/1, Village Mota Randha, Silvassa, UT-D*NH, Pin Code-396230	both	2.5 Mkcal/hr	200000 MT/A	3448.477 MT	31982.796 MT

7.
DELHI
(Hazardous waste generation and its Management)

Table 7(a): Delhi -District-wise details on Hazardous Waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable(MT)	Incinerable(MT)	Recyclable(KL)	Utilizable	Landfillable(MT)	Incinerable(MT)	Recyclable(KL)	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Central	3	24.4	N/A	4.15	N/A	24.15	N/A	3	N/A	N/A	N/A
2	East	3	5.314	N/A	15.4	N/A	2.0078	N/A	13	N/A	N/A	N/A
3	New Delhi	21	336.44	N/A	29.71	N/A	22.8	N/A	8.03	N/A	N/A	N/A
4	North	39	820.26	N/A	77.55	N/A	414.79	N/A	75.48	N/A	N/A	N/A
5	North East	6	50.3	N/A	3	N/A	45.95	N/A	2.4	N/A	N/A	N/A
6	North West	34	1848.3	N/A	172.86	N/A	1755.16	N/A	162.65	N/A	N/A	N/A
7	Shahdara	52	724.73	N/A	440.4	N/A	663.555	N/A	412.6	N/A	N/A	N/A
8	South	15	91.03	N/A	2.275	N/A	81.5	N/A	1.575	N/A	N/A	N/A
9	South East	48	245.27	N/A	131.69	N/A	173.23	N/A	86.96	N/A	N/A	N/A
10	South West	10	374.122	N/A	15.9	N/A	356.245	N/A	1.15	N/A	N/A	N/A
11	West	70	1309.08	N/A	10.69	N/A	1211.81	N/A	9.7	N/A	N/A	N/A
	TOTAL	**301**	**5829.246**	**N/A**	**903.625**	**N/A**	**4751.198**	**N/A**	**776.545**	**N/A**	**N/A**	**N/A**

Table 7(b): Delhi- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	NA	NA	NA	NA
2	For disposal at common Incinerator	NA	NA	NA	NA
3	For recycling by Schedule IV recyclers	NA	NA	NA	NA
4	For utilization in co-processing (cement plants)	NA	NA	NA	NA
5	For utilization under Rule 9 (other than co-processing)	NA	NA	NA	NA

Table 7(c): Delhi-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	N/A	N/A							

Table 7(d): Delhi-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
NA		N/A							

Table 7(e): Delhi-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018			
		Landfillable(MT)	Incinerable	Recyclable(KL)	Utilizable	Landfillable(MT)	Incinerable	Recyclable(KL)	Utilizable
		30	31	32	33	34	35	36	37
1	CENTRAL	24.15	N/A	3	N/A	24.4	N/A	4.15	N/A
2	EAST	2.0078	N/A	13	N/A	5.314	N/A	15.4	N/A
3	NEW DELHI	22.8	N/A	8.03	N/A	336.44	N/A	29.71	N/A
4	NORTH	414.79	N/A	75.48	N/A	820.26	N/A	77.55	N/A
5	NORTH EAST	45.95	N/A	2.4	N/A	50.3	N/A	3	N/A
6	NORTH WEST	1755.16	N/A	162.65	N/A	1848.3	N/A	172.86	N/A
7	SHAHDARA	663.555	N/A	412.6	N/A	724.73	N/A	440.4	N/A
8	SOUTH	81.5	N/A	1.575	N/A	91.03	N/A	2.275	N/A
9	SOUTH EAST	173.23	N/A	86.96	N/A	245.27	N/A	131.69	N/A
10	SOUTH WEST	356.245	N/A	1.15	N/A	374.122	N/A	15.9	N/A
11	WEST	1211.81	N/A	9.7	N/A	1309.08	N/A	10.69	N/A
12	**TOTAL**	**4751**	**N/A**	**777**	**N/A**	**5829.246**	**N/A**	**904**	**N/A**

Table 7(f): Delhi-Details on Hazardous Waste Stored at Occupier Premises

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	Commonly Recyclable HW	Not Applicable		
B	Utilization of HW under Rule 9			
C	Co-processing in Cement Plant			

Table 7(g): Delhi-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	NIL	NIL	NIL	NIL

Table 7(h) : Delhi-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
NIL																

Table 7(i): Delhi-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/ Incinerable/ both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill (MT/A)		
Nil						

8.
GOA
(Hazardous waste generation and its Management)

Table 8(a): Goa -District-wise details on Hazardous Waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	North Goa	674 (**177)	7701.12	41053.3	5992.566		90.755	17196.772	273.0476	1945.864	#54200.372	NIL
2	South Goa	766 (**172)	10535.88	6531.11	4163.57		2955.178	1701.7641	1308.5171	576.096	#23539.012	NIL
	Total	**1440**	**18237**	**47584.41**	**10156.136**		**3045.933**	**18898.5361**	**1581.5647**	**2521.96**	**77739.384**	**0**

**Number of units submitted annual returns

Other waste listed in part D Schedule III.

* This shall also include hazardous waste generated during recycling/utilization of hazardous waste imported from other countries as well as received from other States/UTs. However, it shall not include the quantity of hazardous waste imported and received from other states/UTs either for recycling/utilization or disposal.

Note: Other units such as Kilo Litres or Numbers shall be converted into Metric Tonnes and therefore, the quantity of hazardous waste shall be reported only in Metric Tonne.

Table 8(b): Goa- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	---	0	---	0
2	For disposal at common Incinerator	---	0	Maharashtra	2479.31
3	For recycling by Schedule IV recyclers	---	0	Kerala	93.19
				Maharashtra	820.76
4	For utilization in co-processing (cement plants)	---	0	Chhattisgarh	20.42
				Karnataka	1220.226
5	For utilization under Rule 9 (other than co-processing)	---	0	Gujarat	252.65
				Maharashtra	745.04

Table 8(c): Goa-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	North Goa	NIL	0	24.605	NIL	0	0	0	0
2	South Goa	651 MT	0	218.019	41	0	0	0	0
	Total	**651**	**0**	**242.624**	**41**	**0**	**0**		**0**

Table 8(d): Goa-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	**23**	**24**	**25**	**26**	**27**	**28**	**29**
1	North Goa	0	0	0	16059	0	0	0	0
2	South Goa	0	2952.23	0	0	0	0	0	0
	Total	**0**	**2952.23**	**0**	**16059**	**0**	**0**	**0**	**0**

Table 8(e): Goa-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	**31**	**32**	**33**	**34**	**35**	**36**	**37**
1	North Goa	1320.3				299.013	282.441	8.838	74.57
2	South Goa					7.572	78.4189	0.142	81.415
	Total	**0**				**306.585**	**360.8599**	**8.98**	**155.985**

Table8(f) Goa-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Waste Oil	1	14580	651
	Total	**1**	**14580**	**651**
B	**Utilization of HW under Rule 9**			
1	Recovery of solvents from spent solvents	1	360	74.456
2	De-contamination of contaminated drums/containers/ barrels			*242.624

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
	Total	**1**	**360**	**317.08**
C	**Co-processing in Cement Plants**			**1240.646

* The hazardous waste arising from De-contamination of contaminated drums/containers/Batteries etc. The waste is decontaminated within the unit premises and same is re used/ sent for recycling as a non-hazardous waste.

** Waste sent for co-processing facilities outside the state. (Karnataka and Chhattisgarh)

Table 8(g): Goa-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s Canacona Hydro carbons, Plot No. 87 & 89, Canacona Industrial Estate, Canacona Goa.	Waste oil (5.2)	16200 KL/A	651 MT
2	M/s Ashutosh Industries, C/o Shri Allabakash M. Fakir, Plot No. A-40, Madkaim Industrial Estate, Madkaim Goa.	Spent Solvents (20.2) Spent Organic Solvent (28.5)	30 MT/Month	74.456 MT

Table 8(h): Goa-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
No common TSDF available in the State																

Table 8(i): Goa-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year (MT)	Cumulative HW disposed till the end of financial year (MT)
			Incinerator (T/H)	Landfill(MT/A)		
1	M/s Nicomet Industries Ltd. Plot No.: Quarry Portion within Cuncolim IDC allotted by GIDC, Plot No.: L15, 19, 20 Cuncolim IDC Salcete, Goa, Cuncolim- 403 703.	Captive Landfillable Site	0	106846	2952.23	79166.23
2	M/s Deccan Fine Xhemicals (India) Pvt. Ltd. Santa Monica Works, Corlim, Illhas, Goa- 403 110	Incinerable	3500 T/M 2600 T/M (Not in operation)	0	16059	16059
	Total		**8.47 T/H**	**106846**	**19011.23**	**95225.23**

9.
GUJARAT
(Hazardous waste generation and its Management)

Table 9(a): Gujarat -District-wise details on Hazardous Waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Ahmedabad	3454	12,85,698				345622.54				-	-
2	Anand	451	4,00,892				95902.98				-	-
3	Ankleshwar	1252	43,67,994				1165291.94				-	-
4	Bharuch	357	24,33,728				527980.63				-	-
5	Bhavnagar	536	28,93,727				15286.36				-	-
6	Gandhinagar	1005	5,36,026				59967.83				-	-
7	Godhra	767	4,99,784				21227.16				-	-
8	Jamnagar	788	5,13,379				47871.14				-	-
9	Jetpur	1374	2,635				834.23				-	-
10	Junagadh	280	8,83,665				582714.00				-	-
11	Kutch	691	3,84,070				56741.31				-	-
12	Mehsana	714	5,61,215				215707.18				-	-
13	Morbi	1305	55,983				41457.18				-	-
14	Nadiad	378	2,24,355				29150.78				-	-
15	Navsari	264	34,652				4850.10				-	-
16	Palanpur	305	11,591				1022.51				-	-
17	Porbandar	166	5,59,413				10.35				-	-
18	Rajkot	998	73,911				6466.01				-	-
19	Surat	1830	6,24,308				193628.28				-	-
20	Surendranagar	524	16,816				445.59				-	-
21	Vadodara	1531	33,46,487				475821.50				-	-
22	Vapi	1199	19,93,381				464250.16				-	-
	Total	**20169**	**217,03,726**				**4352249.76**				-	-

Note: *Total hazardous waste generated is 4.35 million MT but district-wise type of is not available. However, approx. landfillable 1.61 million MT, recyclable/utilizable 2.21 million MT and incinerable 0.53 million MT can be considered.*

Table 9(b): Gujarat- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	0	0
2	For disposal at common Incinerator	0	0	0	0
3	For recycling by Schedule IV recyclers	0	0	0	0
4	For utilization in co-processing (cement plants)	0	0	Rajasthan	1,73,437
5	For utilization under Rule 9 (other than co-processing)	0	0	0	0

Table 9(c): Gujarat-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Ahmedabad	15989	0	1454	451977	NIL			
2	Anand	228	0	0	30886				
3	Ankleshwar	3024	0	26678	176588				

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)
4	Bharuch	6673	0	0	34142	
5	Bhavnagar	2266	177097	362	1506	
6	Gandhinagar	3380	10522	0	25406	
7	Godhra	11632	0	103	8636	
8	Jamnagar	1947	10289	0	50099	
9	Jetpur	0	0	0	3	
10	Junagadh	0	223549	0	130	
11	Kutch	8401	10070	0	8046	
12	Mehsana	6126	0	461	57549	
13	Morbi	42	0	16133	21	
14	Nadiad	949	0	432	14264	
15	Navsari	1769	0	0	0	
16	Palanpur	132	0	0	90	
17	Porbandar	0	39606	0	25	
18	Rajkot	3153	1488	0	0	
19	Surat	1082	4551	4370	8868	
20	SurendraNgr	2530	0	0	0	
21	Vadodara	13549	0	2577	224029	
22	Vapi	2042	0	24830	205869	
	Total	**84914**	**477172**	**77400**	**1298134**	

Table 9(d): Gujarat-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
22	22 districts	942299	88642	59984	36208	0	0	0	0

Table 9(e): Gujarat-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Ahmedabad	141437				70945			
2	Jetpur	158				2209			
3	SurendraNgr	228				202004			
4	Ankleshwar	65878				918793			
5	Vadodara	138939				60690			
6	Palanpur	382				202580			
7	Porbandar	13				21			
8	Kutch	13932				7806			
9	Junagadh	4984				14632			
10	Bharuch	27815				56070			
11	Vapi	190410				180684			
12	Godhra	4578				8337			
13	Nadiad	3868				10004			
14	Rajkot	715				119			
15	Anand	14928				12166			
16	Jamnagar	3989				16684			
17	Mehsana	115121				75438			
18	Navsari	346				917			
19	Bhavnagar	14650				16365			
20	Gandhinagar	14060				20761			
21	Morbi	9447				45917			
22	Surat	158				34717			
	Total	**781713**				**1958859**			

Note: (i) Opening stock is 0.78 million MT out of which about 0.3 MMT Landfillable; 0.18 MMT Incinerable; 0.3 MMT Recyclable and Utilizable (ii) Closing stock is 1.95 million MT out of which about 0.64 MMT Landfillable; 0.46 MMT Incinerable; 0.85 MMT Recyclable and Utilizable

Table9(f): Gujarat-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1.	Brass Dross	135	91427	53935
2.	Zinc Bearing Wastes			
3.	Copper Bearing Waste			
4.	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt			
5.	Lead bearing waste including battery waste	45	248350	12005
6.	E-Waste	18	55202.92	1234
7.	Paint and ink Sludge/residues	1	132	0
8.	Used oil	79	263554	17740
9.	Waste Oil			
	Total	**278**	**658665.92**	**84914**
B	**Utilization of HW under Rule 9**			
1.	Recovery of solvents from spent solvents	39	110258	22343.735
2.	Utilization of Coal Tar/Tarry Residue generated from coal gasifier for energy recovery in Sodium silicate industry.	14	56337	20825
3.	De-contamination of contaminated drums/containers/ barrels	8	10296	4211
4.	Utilization of Spent fixer (hypo) solution generated from Photography / X-rays films to recover Silver metal	1	360	0
5.	Utilization of Vanadium Sludge generated from Alumina refineries for production of Vanadium metal	1	4452	4040
6.	Utilisation of Spent Phosphoric Acid generated during manufacturing of Quinacridone Pigment for production of Di-basic Calcium Phosphate	1	2458	0
7.	Utilisation of Spent Sulphuric Acid generated during manufacturing of Vinyl Sulphone for production of H-acid	1	12000	461.17
8.	Utilization of Chemical Sludge (Primary sludge) of ETP from Pulp & Paper Industry For energy recovery in Atmospheric Fluidized Bed Combustion OW) Boiler/Pressurized Fluidized Bed Combustion (PFBC) Boiler/Circulating Fluidized Peel Combustion (CFBC) Boiler for steam or electricity generation	1	43200	17187

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
9.	Utilization of spent HCL generated from steel rolling mill for producing ferric chloride	1	7200	362
10.	Waste mix liquid, Solid waste mix	2	63500	7671.931
	Total	**69**	**310061**	**77102**
C	**Co-processing in Cement Plants**			
1	Ambuja Cements Ltd. Plot no.: 315-320,351, 352,395-401 Ambujanagar, Dist-Gir-Somnath-362715	Cement Industries for Co-processing	255550	197591
2	Ultratech Cement Limited, Sr. No. 164, 268 & 270, Vill: Kovaya, Ta. Rajula, Dist. Amreli	Cement Industries for Co-processing	2509699	164393
3	M/s. Sanghi Industries Limited, PO: Sanghipuram, Tal:Abadasa, Dist: Kutch	Cement Industries for Co-processing	292000	6373
4	Ultra Tech Cement Ltd. Unit- Sewagram Cement Works Kutch	Cement Industries for Co-processing	450000	3697
5	Gujarat Sidhee Cement Limited, Sidheegram, Off Veraval-Kodinar Highway, Tal:Sutrapada, Dist: Junagadh – 362 276	Cement Industries for Co-processing	43000	25958
6	Shree Digvijay Cement Co. Ltd., S.R. No. 44,43,28,23,4249,48,4546,47,5051/1, 51/2,52,53, Digvijay Gram, At- Sikka, Ta & Dist: Jamnagar	Cement Industries for Co-processing	78000	10289
7	Saurashtra Cement Ltd., Ranavav, Tal: Ranavav, Dist Porbandar	Cement Industries for Co-processing	-	39606
8	J.K Laxmi , Gandhinagaar	Cement Industries for Co-processing	60000	10522
9	J.K Laxmi , Surat	Cement Industries for Co-processing	-	4551
10	Hi Bond Cement Rajkot	Cement Industries for Co-processing	166520	1488
11	Ultratech Cement Ltd – Jafrabad Works	Cement Industries for Co-processing	33600	12704
12	Others (Interstate)	For Co-processing		173437
TOTAL		**11**	**3888369**	**650609**

Table 9(g): Gujarat-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
1	M/s, Zinco Fine Industries, 8/A , National Highway, Sartanpur, Ta-Wankaner,Rajkot	Zinc Dross	150 MTPA	395.14
2	M/s, Atlas Chemical,Plot No. 1005A,Phase IV, GIDC, Naroda,Ahmedabad	Zinc Ash & Zinc Skimming, Zinc Dross, Residue	28.8MTPA	11.28
3	M/s, Shanti Agro Products, Plot No. C1-B-13,Old GIDC, Kabilpore, Navsari	Zinc ash, Zinc skimming, Copper oxide mill scale, Copper cakes and Residue, Zinc Bearing waste arising from smelting & Re-Refining, Zinc Ash/ Residue	7776 MTPA	1769
4	M/s Swagat Agro Tech, S.No. 1038, NR. P.A.Patel Oil Mill, Chattral, Kadi Road, At- Chhatral, Tal. Kadi, Mehsana	Zinc Ash, Zinc Scrap, Brass Scrap and Zinc dross	2970 MTPA	0
5	M/s Siddhi Agro Chemicals, Plot No. C-1/38,GIDC Estate, Kalol, Gandhinagar	Zinc Ash / Skimmings	2062.44 MTPA	847.234
6	M/s, Maruti chemicals,Plot No J-2318, Phase III,GIDC Estate, Vapi-396195, Valsad	1) Copper Dross, Copper oxide scale, Copper waste , Copper and copper alloy 2) Zinc Dross, Zinc Ash/ skimming Zinc skimming/ Residue	1) 480 2) 200	11.4
7	M/s, Super Sulphates,Plot No. 702/9, GIDC, Estate, Vapi - 396195,Valsad	Copper Dross, Copper Oxide mill scale, Copper reverts cake and Residue, waste copper ane copper alloy in dispersible form, spent cleared matel ctalyst containing copper and slag from copper processing.	750 MTPA	0

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
8	M/s, Tarunkumar Industries,Plot No: 132, 133, &134,Gozariya, GIDC,Mehsana	Copper Scrap, copper Dross, Copper Oxide mill sale	450 MTPA	263
9	M/s, Shine Cera,Plot No 44, GIDC Estate,Motipure, GIDC Office, Himmatnagar,Sabarkantha	Zinc Dross	2000 MTPA	33.85
10	M/s Gujarat Terce Laboratories Ltd.(Old name- Hariom Metal Industries)Plot No. 140/P, Moje-Ramnagar, Ta. Kalol,Gandhinagar	Copper Dross	300 MTPA	0
11	M/s, Mohit Industries,Plot No. 106/2, GIDC,Kalol - 382721,Gandhinagar	1. Zinc skimming & Ash, 2. Zinc dross	1. 600 MTPA 2. 540 MTPA	883.642
12	M/s, Navkar Chemicals, Plot No. C-1, 41-2,GIDC Estate, Kalol (N.G.)- 382725, Gandhinagar	Copper Reverts, Copper Residue, Copper Slag, Spent Catalyst Containing Copper	240 MTPA	0
13	M/s, Kissan Agro Fertilizers,Shed No-A-2/2219, 3rd Phase, GIDC-396195, Vapi	Zinc ash, Zinc Skimming & other Zinc Bearing waste, Copper Oxide Mill scale, xopper alloy & waste copper in dispersible form	450 MTPA	107.9733
14	M/s, Zinco Chemicals Industries, Plot No. A2, 22/2 & 23,GIDC Estate, Kalol,Gandhinagar	Zinc Ash	3000 M.T.	11
15	M/s, Panchvati Corporation, Plot No. C/1B, 25/7, GIDC Estate, Kalol,Gandhinagar	Zinc ash, Zinc dross, Brass Dross	1200 MTPA	0
16	M/s, Dharti Zinc, Plot No. 35 GIDC, Motipura,Himmatnagar - 383001 Sabarkantha	Zinc Dross	2000 MTPA	384.771
17	M/s, Uttam Industries, 907/2, GIDC,Sector-28,Gandhinagar	Zinc dross, Zinc Ash/ Skimming other zinc bearing wastes arising from smelting and refining , zinc ash/ residue	4500 MTPA	212.468
18	M/s,IFFCO Kandla, Po Kandla,Kutch	Zinc ash	14550 MTPA	2110.6

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
19	M/s, Shreeji Metal Finishing Products, S. No. 162 Nr. Ashirvad Plastic, S.I.D.C. Road, Veraval (Sapar),Rajkot	Zinc Dross, Copper Dorss	660 MTPA , 12 MTPA	0
20	M/s,Tarunkumar Corporation,plot no: 132, 133, &134,Gozariya, GIDC, Mehsana	Zinc Ash, Zinc Skimming, Zinc Dross, Bottom Dross, Brass Dross, Copper Dross, Copper Reverts cake & residue	2160 MTPA	153
21	M/s,Shree Nagbai Chemical & Fertilizer,Plot No 4624, Phase III, GIDC, Dared, Jamnagar	Zinc dross	1800 MTPA	3.186
22	M/s,Nahar Granites P.Ltd.,Plot No. 16/1, GIDC Estate, Kalol,Gandhinagar	Zinc Dross-hot dip galvanizer slab, Zinc Dross-Bottom dross, Zinc ash/ skimming arising from galvanizing die casting operations, Zinc Ash/skimming/other zinc bearing wastes arising from smelting & refining, Zinc ash residues including zinc alloy residues in dispersible form, zinc containing dross	9600 MTPA	3675.0179
23	M/s,J.D Metal Industries, Plot No.162/B, Kadi Road, Dhanot, Chattral,Gandhinagar	Zinc Ash	1000 MTPA	0
24	M/s,Sai Krupa Agro Industries, Plot No-A-2/112,Phase-II, GIDC Estate, Vatva,Ahmedabad	Zinc ace,Zinc dross	3312 MTPA	0
25	M/s,Sun Agro Products, Plot no 136-137-1-2-3,GIDC Kalol (N.G),Gandhinagar	Brass Dross, Copper Dross, Copper oxide mill Scale, Copper reverts-cake & residue, spent catalyst containing copper & Zinc Zinc skimming, waste copper & copper alloy in	14400 MTPA	0

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
		dispersible form		
26	M/s,Plutus Products, S.No.3903, W Road,GIDC, Phase-III, Dared,Jamnagar	Zinc ace, Zinc skimming, Zinc process residue, Zinc dross	1500 MTPA	0
27	M/s,Gayatri Agro, Pl- No. 31,32,33,GIDC Eatate Kukarwada, Tal:Vijapur,Mehsana	1) Zinc sh, Zinc skimming, Zinc bearing waste arising form smelting & refining 2) Copper cake & residue, copper dross, waste copper in dispersible form.	1) 1800 MTPA 2) 2172 MTPA	0
28	M/s,Saniya Traders, Plot No.30/B, Mamsa Ind. Plot, Nr.Mamsa Patiya, At-Mamsa, Ta-Ghogha,Bhavnagar	Copper ace, Copper reverts, Copper residue	1500 MTPA	80.71
29	M/s,Clean Agro Industries, Plot No.148/1, Dhanot, Nr. Ankhol Patiya, Chhatral-kadi Road,Gandhinagar	Zinc ace, Zinc skimming, Zinc residue, Zinc dross, Copper residue	3600 MTPA	70
30	M/s Raj agro, Plot no. 3-4, GIDC,Gojariya, Tal. Vijapur,Mehsana	Zinc Ash/ Brass Dross/ Zinc Dross/ Zinc Residue/ Copper Residue	6500 MTPA	202.149
31	M/s,Mukesh Traders, Plot No-103, GIDC, Highway, Limdi,Surendranagar	Copper ace, Copper dross / Zinc ash, Zinc dross	158 / 720 MTPA	2.02
32	M/s, Ace Inorganic Pvt Ltd., Vijay Industrial Estate,Padra Road, Samiala - 391410,Baroda	Zinc dross	720 MTPA	8.9
33	M/s,Matrix Industries, Plot No-221/22, GIDC, Rafaleshwar,National Highway 8-A, Morbi,Rajkot	zinc dross	348 MTPA	0

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
34	M/s,Jay Bhawani Metal Industries, Plot No:-211-212, Road No.6F, New Estate, Udhyognagar, Udhna,Surat	Copper Druid	9290 MTPA	0
35	M/s,Sairam Industries, Plot No. 316, Phase I,GIDC Estate, Chhatral,Gandhinagar	Zinc Ash Zinc Skimming	1200 MTPA	477.295
36	M/s,Gujarat Chlorides, Plot No.190/191,GIDC, Nandesari, 391340,Bharuch	Zinc Ash, Zinc Skimming, Zinc Bearing wastes arising from Smelting and Refining, Zinc Ash & Zinc Residue including Zinc Alloys residues in dispersible form	1000 MTPA	153.16
37	M/s,Eurecat India Catalyst Services Pvt. Ltd., Plot No.1, GIDC,Jhagadia,Bharuch	Spent Catalyst Containing Nickel, Copper, Cadmium, Zinc, Arsenic, Vanadium	3000 MTPA	2062.502
38	M/s,Nimisha Chemical,Plot No. 148/149, GIDC Estate, Nandesari,Vadodara	1) Zinc Dross/ Zinc Ash/ Zinc Skimming Residue. 2) Containing Nickel, Zinc.	5844 MTPA	210.85
39	M/s,R. J. Indutries, Plot No 233, Road No. 6/E,New Industrial Estate, Udhna- 394210,Surat	Copper Dross, Copper Oxide Mill Scale, Copper Reverts, Cakes & Residues	750 MTPA	0
40	M/s,Krishna Raj Fertichem Pvt. Ltd., Plot No.5/6,Gozariya GIDC,Mehsana	Zinc ash & Zinc Dross ,Brass dross,Zinc residue, Copper residure	15000 MTPA	1565.399
41	M/s,Lavti Fertilizers & Chemical Pvt. Ltd., Plot No.3261 to 3270 & 3300 to 3308,GIDC, Phase-III, Dared,Jamnagar	Brass Ash/ Zinc Ash/ Zinc Skimming/ Zinc Residue/ Brass Residue/ Zinc Dross/ Copper Residue/ Copper Skimming/ Copper Ash/ Copper Dross/ Brass Dross/ Spent catalyst containing Zinc Copper	15000 MTPA	0.35

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
42	M/s,Sulfozyme Agro (I) Pvt. Ltd., Plot No.58 to 63, B/h. Ashok Ley Land, GIDC Phase-II, Dared,Jamnagar	Brass Ash/ Zinc Ash/ Zinc Skimming/ Zinc Residue/ Brass Residue/ Zinc Dross/ Copper Rresidue/ Copper Skimming/ Copper Ash/ Copper Dross/ Brass Dross/ Spent catalyst containing Zinc, Copper	6000 MTPA	345.482
43	M/s,Gurukrupa Industries, S.No.84, At. Merwada, Post. Ratanpur,Abu-Ambaji Highway, Ta. Palanpur, Banaskantha	Zinc Ash/ Zinc Residue/ Zinc Skimming/ Zinc Dross/ Brass Dross/ Copper Residue/ Copper Cake/ Copper Dross/ Spent Catalyst containing Zinc, Copper	4800 MTPA	101.191
44	M/s,Shivam Alums & Chemicals, Plot No.7603,GIDC Estate,Ankleshwar	Zinc dross, Zinc Ash, Zinc Skimming	9300 MTPA	2172.677
45	M/s,Shanti Metal Industries, Plot No.1 & 2, Hapa Industrial Estate,B/h. BSNL Godown,Jamnagar	1) Zinc Ash/ Zinc Residue/ Zinc Skimming/ Waste from Smelting and refining 2) Copper Cake/ Mill Scale Wate containing Copper 3) Spent Catalyst Containing Copper/ Cadmium Zinc	1) 450 MTPA 2) 360 MTPA 3) 186 MTPA	258.229
46	M/s,Hitech Extrusion LLP., Plot No. 3003-3007,GIDC, Phase-III, Dared,Jamnagar	Brass Dross/ Copper Dross/ Zinc Dross/ Insulated Copper Wire Scrap/ Copper with PVC sheating including ISRI code material namely Druid	7560 MTPA	0

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
47	M/s,Rubamin Limited, Plot no: 13 & 23, 37, 38, 40 to 43, 45 to 48, 113 to 115, Shri Laxmi Industrial Estate, Village Dunia, Ta: Halol,Panchmahal	1). Spent catalyst containing nickel , Zinc, Copper, Cobalt, Vanedium, Cadmium 2) Zinc Residue/ Zinc Dross	22452 MTPA 34139 MTPA	11632.18
48	M/s,Rency Chemicals, Plot No.1309, Kerala GIDC, Ta.Bavala,Ahmedabad	Zinc ash/Zinc skimming/Zinc dross	3240 MTPA	0
49	M/s,Rubamin Ltd., Plot No.100 & C-1-B-113,Nandesari Notified Area, GIDC, Nandesari,Vadodara	Zinc Ash/ Zinc Residue/ Zinc Skimming and Brass Dross	20160 MTPA	3742.721
50	M/s,Global Metall Chemie, Plot No.15, GIDC Sojitra,Sojitra-387240, Anand	1). Spent catalyst containing nickel 2) Copper Dross, Copper reverts cake, Residue,Slag from copper processing & refining	1)607 MTPA 2) 631 MTPA	227.612
51	M/s,Chlorides India, Plot No. E-533 & 534,GIDC Industrial Estate, Dahej,Bharuch	Zinc Dross/Zinc Ash/Zing skimming/ other Zinc bearing waste arising from smelting and refining/ Zinc ash & Residue/ Zinc Waste	2336 MTPA	0
52	M/s,Solvex Technology, Plot No.26 & 27, Survey No.395/1 & 2, New Ahmedabad Industrial Estate, Sarkhej-Bavla Highway, Moraiya,Sanand	Copper Cake/ Copper Waste/ Copper Druid/ Slag/ Residue/ Copper Dross/ Reverts from Copper Processing for further processing and refining/ Spent catalyst containig Copper Scrap	1260 MTPA	511.84
53	M/s,Ace Chemie (India), Plot No.1011, NCWI Zone, Near GEB Power House, GIDC, Sarigam-396155,Valsad	Zinc Ash, Dross, Residue	3456 MTPA	470.339

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
54	M/s Swet Chemical Industries, Shed No. C1/B 25/1, 25/5 & 26/2,GIDC Estate, Kalol,Gandhinagar	1. Zinc Ash/ Zinc skimming/ Zinc Dust/ Zinc residue/ Zinc Dross, Zinc Oxide – 6600 MTA 2 . Copper Ash/ Residue/ Reverts/ Dross/ Mill scale/ Spent cleared metal catalyst containing copper cake – 420 MTA	1) 6000 MTA 2) 420 MTA	167.13
55	M/s,Shree Brahmani Enterprise, Revenue Survey No. 293/1, Plot No.40-1,Shayona Industrial Estate Ramol Road,Ahmedabad	Zinc Ash	4920 MTPA	0
56	M/s,Atlas Mineral & Chemical Mfg. Co., Plot No. 1005/2,Phase II, GIDC Naroda,Ahmedabad	Zinc Ash & Zinc Dross	90 MTPA	16
57	M/s,Sara Chemicals, Plot No. 3205/B, GIDC Estate, Ankleshwar,Bharuch	1. Zinc Ash & Residue, Copper Residue 2. Spent Catalyst containing Copper & Zinc	1800 MTPA, 1200 MTPA	1170.49
58	M/s,Madhu Processors, Block No. 227, Talaja Road, Opp. Sartanpar Patia, Ukharla, Tal- Godha,Bhavnagar	Zinc Ash/ Residue/ Zinc Skimming/ Zinc Bearing waste arising from smelting and refining/ Zinc dross/ Spent catalyst containing Zinc & Nickel, Copper Residues/ Copper Cakes, Copper Dross	4200 MTPA	3.45

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
59	M/s,Balaji Agro & Fertilizers, Plot No. 3583, GIDC, Phase III, Dared,Jamnagar	1. Zinc skimming, zinc ash & residue including zinc alloy & residue in dispersible form, Zinc dross 2. Copper dross, copper oxide mill scale, copper reverts, cake & residue, spent cleared metal catalyst containing copper	1) 420 MTPA 2) 120 MTPA	61.446
60	M/s,Transpek Silox Industry Ltd., Survey No.627 to 629 & 633, Kalali Road, Atladra,Vadodara	Zinc Ash	1080 MTPA	0
61	M/s,Everest Fertilizers and Chemicals Pvt. Ltd., Survey No.178, National Highway-8,Opp-Microwave Station, Vill-Veraval (Shapar), Ta-Kotda Sangani, Rajkot	Zinc dross, Zinc Ash, Zinc Skimming .	2000MTPA	0
62	M/s,New India Extrusion Pvt. Ltd., Plot No.307, GIDC,Umbergaon-396171, Ta.Umbergaon,Valsad	Brass Dross, Copper Dross/ Ash, Copper Reverts, Cake & Residues, Mill Scale, Waste Copper and Copper Alloys, Druid Cables, Jelly Filled Copper Cables, Zinc Dross, Zinc Ash, Skimming, Residues	3150 MTPA	0

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
63	M/s,Shyam Chemical, Sr. No.222, Ramgadh, Post: Derol, Taluka: Himatnagar, Sabarkantha	Zinc Ash/ Zinc Skimming/ Zinc Residue/ Zinc bearing waste arising from smelting and refining/ Zinc Dross/ Spent Cleared Metal Catalyst containing Zinc/ Copper Residues/ Copper Dross/ Copper Revert/ Copper Oxide Mill Scale/ Spent Cleared Metal Catalyst containing Copper/ Copper Cake/ Brass Dross	1500 MTPA	0
64	M/s,Demosha Chemicals Pvt. Ltd., Plot No.82, GIDC, Gundlav-396035,Valsad	Zinc Bottom Dross, Zinc Bearing waste arising from smelting and refining	2400 MTPA	256.8
65	M/s,G. G. Manufacturer, Plot No.439/6,GIDC Estate, Odhav,Ahmedabad	Zinc Bottom Dross, Zinc Bearing waste arising from smelting and refining	3500MTPA	2623.83
66	M/s,JAS Chemical Industries, Plot No.2412, GIDC Sarigam,Valsad	Zinc Ash	480 MTPA	375.39
67	M/s,Manglam Industries, Plot No.36-37, GIDC Estate Lakhtar, Tal: Lakhtar,Surendranagar	Zinc Dross	360 MTPA	5.12
68	M/s,Jay Somnath Industries., Survey No.426/P2, Hitachi-Indrad Road,Indrad-382715, Tal: Kadi,Mehsana	Brass Dross, Zinc Ingots, Zinc Residue, Spent cleared metal catalyst containing Zinc	1500 MTPA	485.586

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
69	M/s,Mani Agro Industries., Plot No.06, GIDC Matar,Kheda	1. Zinc Ash/ Zinc Skimming/ Zinc Residue Zinc bearing waste arising from smelting and refining/ Zinc Dross/ Spent catalyst containing Zinc 2. Copper Ash/ Copper Reverts, Cakes & Residues / Copper Dross/ Copper Mill Scale, Spent catalyst containing Copper, Brass Dross	1.350 MTPA, 2.660 MTPA	8.388
70	M/s,Asian Alloys, Survey No. 312 Paiki, Opp. Gate No.1 of GIDC Panoli, N.H. No. 8, Bakrol,Ankleshwar	Copper with PVC sheathing including ISRI code material namely Druid & Jelly Filled Copper Cables	4800 MTPA	851.57
71	M/s,Bravo Agro Tech., Plot No: 200, Phase 2,GIDC Estate, Ambawadi, Wadhwan-363035,Surendranagar	1. Zinc Ash/ Zinc Skimming/ Residue/ Dross, Spent cleared metal catalyst containing Zinc, Brass Dross 2. Copper Dross / Copper Reverts, Cakes & Residues / Copper Oxide Mill Scale, Spent cleared metal catalyst containing copper	1. 4200 MTPA 2. 2400 MTPA	1170.99

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
72	M/s,Canary Smelters Industries, Plot No. E-122,Phase II, Dared, Jamnagar	Zinc Ash/ Zinc Skimming/ Zinc Residue/ Zinc Dross-Bottom Dross/ Spent catalyst containing Zinc, Copper Dross/ Copper Reverts, Cakes & Residues/ Insulated copper wire druid, Spent catalyst containing Copper, Brass Dross	1800 MTPA	219.001
73	M/s,Sunlite Industries, Plot No.1, Survey No.267, Chhatha Mile, Vill-Dantali-387370, Kheda	nsulated Copper Wire Scrap/copper with PVC sheathing including ISRI-code material namely Druid, Jelly filled copper cable, Copper reverts & Residue, Copper Dross	6000 MTPA	2.345
74	M/s,Galaxy Metals & Minerals, Survey No.273, Paikky, Plot No.7,Opp. Century Tiles, At & Po: Gadhoda,Himmatnagar	Zinc Dross- Hot Dip Galvanizers SLAB, Zinc Dross- Bottom Dross, Zinc Ash/ Skimming arising from galvanizing & die casting operations, Zinc ash/ skimming/ other zinc bearing wastes arising from smelting & refining, Zinc ash & residues including zinc alloy residues in dispersible form	1920 MTPA	0

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75	M/s,Rishika Agrochem, Plot No. 131, GIDC, Gozariya,Mehsana	Zinc dross Hot dip Galvanizers SLAB, Zinc Dross-Bottom Dross, Zinc Ash/ Skimming arising from Galvanizing and die casting operations, Zink ash/Skimming/other zinc bearing wastes arising from smelting and refining, Zinc Ash and Residues include Zinc Alloys residues in dispersible form, Copper Dross, Copper oxide mill scale, Copper Reverts, Cake and Residue, Spent catalyst containing Zinc & Copper	1200 MTPA	281.309
76	M/s,Samruddhi Agro Tech, Plot No.54,55,56, GIDC Estate, Kalol, Gandhinagar	Zinc Ash, Zinc skimming, Zinc Dross-Bottom Dross, Zinc Residue, Brass Dross, Copper Dross, Copper Oxide Mills scale, Copper Revert, Cake & Residue, Spent catalyst containing Zinc and Copper	14400 MTPA	0

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77	M/s,Diamond Industries, Plot No. 152, GIDC Industrial Estate, Waghodia, Vadodara	Zinc dross hot dip galvanizers SLAB, zinc dross-bottom dross, Zinc ash/ skimming arising from galvanizing and die casting operations, Zink ash/skimming/other zinc bearing wastes arising from smelting and refining, zinc ash and residues include zinc alloys residues in dispersible form	1620 MTPA	1248.439
78	M/s,Upper India Inorganic Industries Ltd., S.R.No. 241 paikee, Chadasna Village Road, B/H Torrent Pharmaceutical Ltd.,Mehsana	Zinc Dross-hot dip galvanizer slab, Zinc Dross-Bottom dross, Zinc ash/ skimming arising from galvanizing die casting operations, Zinc Ash/skimming/other zinc bearing wastes arising from smelting & refining, Zinc ash residues including zinc alloy residues in dispersible form, Brass dross, etc	5700 MTPA	2326.254
79	M/s,Sarjay Chemicals Pvt. Ltd., Plot No.D-2/CH/397, GIDC Dahej II, Ta: Vagra, Bharuch	Zinc Ash, Skimming, Residue, Draoss	10800 MTPA	0
80	M/s,Singhal Sheets & Foils Pvt Ltd., Plot No.03,04, RS No.57A, J-282/1, 282/3 & 281/3 GIDC Estate,Vadodara	Waste Copper and Copper Alloy in Dispersible Form	4200 MTPA	1442.47

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81	M/s,S.J.Coating Inds., Bl.No.227, Talaja Road,Near Modern Const.Co., Ukharla, Ghogha,Bhavnagar	Zinc bearing wastes, Copper bearing waste, Spent catalyst containing nickel, cadmium, zinc,copper, arsenic, vanadium and cobalt	750 MTA	222.054
82	M/s,Anandmangal Udyog Kalash LLP., P. No.A/35, Opp. Euro Food, Ichchhapore,GIDC, Ichchhapore - 394510, Tal: Chorasi,Surat	Copper Dross/Oxide mill Scale/Reverts/ Cakes/ Residues/ Slags	1200	0
83	M/s,Jay Jalaram Extrusion., Plot No. 457, GIDC,Shanker Tekri, Udyognagar,Jamnagar	Zinc bearing wastes, Copper bearing waste, Spent catalyst containing nickel, cadmium, zinc,copper, arsenic, vanadium and cobalt	6000 MTPA	72.4
84	M/s,Zinco Fine Industrie., Plot No.116, National Highway 8-A, Sartanpur, Tal-Wankaner,Morbi	Zinc Dross	1800	42
85	M/s,DVG Chemicals., S. No.123, Gadi Cross Road,Himmat nagar Talod Road, Prantij,Himmat nagar	Zinc ash/skimming arising from galvanizing die casting operations, Zinc ash/skimming/other zinc bearing wastes arising from smelting and refining, Zinc ash residues including zinc alloy residues in dispersible form, Brass Dross, Zinc Dross, Spent catalyst containing Zinc, Copper reverts, cake and residue, Copper dross, copper oxide mill scale, Spent catalyst Containing Copper	2040	0

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86	M/s,Keshav Fertilizers., Shed No.03, Block No.169,Keshav Industrial Estate, Mandali,Mehsana	1.Brass Dross, 2. Zinc Ash/Skimming/ other Zinc Bearing Waste arising from Smelting and Refining of Zinc Dross, Zinc Residue, Spent Catalyst containing Zinc, 3. Copper Dross, Copper Oxide Mill Scale Waste Copper and Copper Alloy, Copper Reverts, Cake & Residue, Slag from Copper processing for further processing Spent Catalyst Containing Copper	1. 7200 2.4800 3.6000	0
87	M/s,Rubamin Ltd., Plot No.17,GIDC, Nandesari,Vadodara	Zinc Ash, Skimming, Zinc Bearing Waste arising from Smelting and Refining, Spent Cleared Metal Catalyst containing Zinc, Zinc Bearing Waste arising from Galvanizing and Die Casting operation, Zinc Residue	13136	8144.005
88	M/s,Mahakali Enterprise, 90, Nilkanth Industrial Park,B/H. GIDC-Dediyasan, City: Dediyasan,Mehsana	Copper Reverts Cakes & Residue, Spent catalyst containing Copper, Copper Oxide Mill Scale, Spent catalyst containing Copper, Zinc Ash, Zinc Skimming, Zinc Residue, Zinc Dross, Brass Dross @ 1200 MTPA	12000	68.93
89	M/s,Super Impex, Plot No.348, 349/B, Phase-II, Dared,Jamnagar	Brass Dross, Copper Dross, Zinc Dross	6000	97.4

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90	M/s,Zinco Chemicals Ind, Plot No.A/2-22/2 & 23,GIDC, Tal: Kalol, Gandhinagar	Zinc ash/skimming, Other Zinc Bearing waste arising from smelting and refining, Zinc Residue, Spent catalyst Containing Zinc, Zinc Dross – Bottom Dross, Brass Dross	3000	53
91	M/s,Balaji Chemicals, P. No.525, Chhatral, Tal: Kalol,Gandhinagar	Zinc ash, Zinc skimming, Zinc Dross, Zinc Residue, Brass Dross, Copper Dross, Copper Residue, Copper Oxide Mill Scale, Copper reverts, cake and residue, Spent catalyst Containing Zinc, Copper, Nickel	3000	140
92	M/s,Anandmangal Udyog Kalash LLP., P. No.A/35, Opp. Euro Food, Ichchhapore, GIDC, Ichchhapore-394510, Tal: Chorasi,Surat	Copper Dross/Oxide mill Scale/Reverts/ Cakes/ Residues/ Slags	1200	0
93	M/s,Ratna Chemicals, Sr. No.248 P 1,Opp. Asian Tube, Dhanali Road, Vill: Tundali,Mehsana	1. Copper Oxide mill Scale/ Copper Reverts, Cakes/ and Residues, Spent catalyst containing Copper 2.Spent catalyst containing Nickel, Copper Dross @ 1440 MTPA	1.3600 2.1440	0
94	M/s,Punia Zinox Pvt Ltd., Sr. No.179/2, Near Essar Petrol Pump, City: Dhaneti, Tal: Bhuj,Kutch West	Zinc Ash, Zinc Skimming, Zinc Residue, Spent catalyst containing Zinc	7800	3312.736

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
95	M/s,Shravan Chemoxide Pvt Ltd., A-1/1819, Panoli GIDC, Tal: Ankleshwar,Bharuch	1}"Zinc Ash, Skimming Residues, Zinc Dross, Zinc Scrap, Zinc Bearing Waste, Zinc Alloys, Residue in dispersible form @ 3930 MTPA", {2} "Copper reverts, cake and residue, Copper Dross, Copper oxide mill scale, Waste Copper and Copper Alloys In Dispersible From @720 MTPA	1. 3930 2. 720	1030.321
96	M/s,Brimstone Agro., Plot No: 695 B, Kashipura Road, Village: Kanera, Nr. Surani Paper Mill, Kanera 387540, Kheda	1. Zinc Ash, Zinc Skimming, Zinc Dross, Brass dross, Spent catalyst containing Zinc 2. Copper Scrap, Copper Dross, Copper Cake & Residue, Waste Copper, Slag from copper processing for further processing or refining	1. 1260 MTPA 2.808 MTPA	101.076
97	M/s,Mohit Industries, Plot No.: 900/B/P/1, Near N. K. Industrial Park,Bakrol – Dhamatvan Road, Dhamatvan, Tal: Daskoi,Ahmedabad	Zinc scrap, Zinc Ash / Zinc Skimming / Zinc dross-bottom dross/ zinc process residue/ Zinc residue	7200 MTPA	1753.371
98	M/s,Shanti Enterprise , Plot No. 5&6, Hapa Industrial Estate, B/h: BSNL Godown, Jamnagar	"(1) Copper oxide mill scale, sludge, cake, (2) Zinc ash/ skimming/ other zinc bearing waste arising from smelting and refining, zinc residue, (3) Spent catalyst containing nickel, (4) Spent catalyst containing Cadmium scrap,	1. 1200 MTPA, 2. 1680 MTPA, 3. 1200 MTPA, 4. 240 MTPA	9.014

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99	M/s,Maruti Enterprise Plot No.C1/B-42, 2/3, GIDC Nandesari, Dist: Vadodara	Contaminated Barrels/ Drums/ Containers	28,800 Nos/Year	8687
100	M/s,Acquire Chemicals, Plot No.7901/D, Nr. Dhiraj Canco. Ltd., GIDC Ankleshwar, Dist: Ankleshwar	Spent Solvent	1200	647.533
101	M/s,Bliss Chem Tech, C/1B/121/19, GIDC Kalol, Tal-Kalol, Dist: Panchmahal	Spent Solvent	1512	103.121
102	M/s,Anas Green Environment Pvt Ltd., Plot No.A 2/1231, GIDC Estate Sarigam, Tal: Umergaon, Dist: Valsad-396155	Contaminated Barrels/ Drums/ Containers	57600 Nos/Year	116120
103	M/s,Shree Bhavani Organics Pvt Ltd., Plot No.12-15, Saket Ind. Estate, Sarkhej-Bavla Highway, Moraiya, Dist: AhmedabadAhmedabad	Spent Solvent	300	265.612
104	M/s,Mohmmed Yunus & Sons, Plot No.176/3B, Phase-II, GIDC Estate, Vapi-396195	Contaminated Barrels/ Drums/ Containers	86400 Nos/Year	77953
105	M/s,Prathna Chem., Plot No.117, Maha Gujarat Ind. Estate, Moraiya, Sanand, Dist: Ahmedabad	Spent Solvent	2520	303.245
106	M/s,Alpha Products, Plot No.SR No. 301/P, Lilapar NR Canal, Lilapar-363621, Dist- Morbi	Tarry Residue	3000	1425

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107	M/s,Aquva Products, Plot No.SR No. 201/Paiki, Beside Seliyent Ceramic, Matel Road, Wakaner Morbi-363621, Dist- Morbi	Tarry Residue	7560	495.06
108	M/s,Asian Solvochem, Plot No.5,15,16, SR No. 145/P-2, Rafaleshwar Industries area, Rafaleshwar-363642, Dist- Morbi	Tarry Residue	2016	1024.6
109	M/s Patidar Products, Plot No… B/H, Bhandhungar, 8-A National Highway, NR. Samsun, Ceramic Makansar-363642 Dist- Morbi	Tarry Residue	2268	376.17
110	M/s,Shiv Chemical, Plot No.820, B/H Anitque Ceramic, Opp Atom Ceramic Morbi -363642 Dist- Morbi	Coal Tar/ Tarry Residue @ 3600 MTPA	3600	584
111	M/s,Shree Krupa Industries, i Plot No.126, P-2, Morbi Halvad Highway, B/H 66kv substation Unchimandal Morbi -363642, Dist- Morbi	Tarry Residue	4428	2002.3
112	M/s,Sunrise Chemicals, 8/A, National Highway, Lakkaddhar Wakaner-363642, Dist- Morbi	Tarry Residue	3825	6361.3
113	M/s,Amidhara Plot No:638 To 641, Block No. 638, Vill: Pariyej, Pariyej – 388180 Tal : Matar, Dist : Kheda,Nadiad	Spent Solvent	4200	431.78

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114	M/s Param Pharmaceuticals (Old Name: M/s Gujarat Reactive Chemical Private Limited) Plot No. 6001, Ankleshwar GIDC, Tal: Ankleshwar & Dist- Bharuch	Spent Solvent	1200	1020
115	M/s,Essel Mining Inds Ltd., Plot No.165 & 166, Phase-II, GIDC, Vapi, Tal: Pardi, Dist: Valsad	Vanadium Sludge	4452	4039.75
116	M/s Niranjan Petrochem, Plot No. C1B/5230 & 5229, GIDC Estate, Ankleshwar, Dist: Bharuch-393002	Spent Solvent	900	738.423
117	M/s,Octane Chemicals Plot No. 3104, Phase-III, GIDC Estate, Panoli, Ankleshwar, Dist: Bharuch-394116	Spent Solvent	2652	673.705
118	M/s,Keaum Organics Pvt. Ltd., Plot No.1613, GIDC Sarigam, Tal: Umbergaon, Dist: Valsad	Spent Solvent	6060	91.782
119	M/s,Jama enterprise Plot No.12, Sr. No.62, Shreeji Pesticide Lane, Manjusar Savli, Vadodara: 391775	Spent Solvent	6180	889.584
120	M/s,N. R. Agrawal Idustries Ltd., Plot No.69/1/P3, 68/1/P3/P1, 72/P3, 72/P1, 74/P2, 74/P3, 76/2P1, 75/1P4, 83/P1,84/P1, 86/P1, 88/9/P1, 92/P2, 93/P2, 94/P1, 94/P2,Sarigam Kale Road, Vill: Angam & Sarigam, Tal: Umbergaon, Dist: Valsad-396155	ETP Sludge generated from Pulp & Paper Industry	43200	17787
121	M/s,Dayaram Healthcare, A-1/4906/17, Dist: Ankleshwar	Spent Solvent	1560	974.881

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122	M/s,Sunshine Chemicals, Plot No.5237, GIDC Estate, Dist: Bharuch, Ankleshwar-393002	Spent Solvent	720	22.6
123	M/s,Blitzkrieg Organics Biochemicals Industries, Plot No.5067, GIDC Estate Ankleshwar, Tal: Ankleshwar-393002, Dist: Bharuch	Spent Solvent	720	720
124	M/s,S S. Industries Plot No: C 1/ B-116, Killa Pardi, Pardi - 396125, Tal: Pardi, Dist: Valsad	Spent Fixer [Hypo] Solution Generating from Photograpic X-Rays Films	360	0
125	M/s,Shree Mahakali Traders, Plot No.4927, GIDC, Tal: Ankleshwar, Dist: Bharuch-393002	Spent Solvent	1860	1689.535
126	M/s,Gayatri Chemsynth Pvt Ltd., A1/1404, Dist: Ankleshwar	Spent Solvent	3628.8	740.626
127	M/s,Sahyadri Rasayan, 2931, 2932, GIDC Panoli, Dist: Ankleshwar	Spent Solvent	763.44	91.993
128	M/s,Shivam Petrochem Industries, Plot No.1761, Gothda, Tal: Savli, Dist: Vadodara	Spent Solvent	7200	1157.456
129	M/s,Saurashtra Enviro Projects Pvt Ltd, 3rd Floor, K. G. Chambers, Udhana Darvaja, Ring Road, Surat-395002	1.Waste Mix for Pre-Processing Solid Waste, 2. Liquid Waste	1. 21000 MTPA 2.16500 MTPA	0
130	M/s,V R Chemicals., Plot No.5149, GIDC Estate, Ankleshwar-393002, Dist: BharuchAnkleshwar	Spent Solvent	318	24.92

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131	M/s,Fewal Chem Pvt Ltd., S.No.50/1, Khkhariya-364295, Tal: Sihor, Dist: Bhavnagar	Spent Acid Containing HCL (generated from metal surface cleaning in steel and rolling industry)	7920 MTPA	361.92
132	M/s,Om Product., Plot No.324/P3, Vill: Jivapar (Chakampa)-363642, Tal: Morbi, Dist: Morbi	Coal tar/tarry residue	1620	220.448
133	M/s,Govardhan Silicate., Plot No.303, Rangpar Jivapar Road, Vill: Jivapar (Chakampar)-363642, Tal: Morbi, Dist: Morbi	Coal tar/tarry residue	3000	267.765
134	M/s,Geeta Chemicals, Plot No.4906/B,C,D,GIDC Estate, Ankleshwar,Bharuch-393002	Coal tar/tarry residue	1260	925.69
135	M/s, Rhythem Chemicals Pvt Ltd., 441/1, 441/9, 8208/4, Road No.4, GIDC Sachin, Surat	Coal tar/tarry residue	9720	3765
136	M/s, Rhythem Chemicals Pvt Ltd., 441/1, 441/9, 8208/4, Road No.4, GIDC Sachin, Surat	Contamintaed Barrels/ Drums/ Containers (Pharmaceuticals, food processing, cosmetic, textile, paint formulation and beverages industries)	86400 Nos/Year	40360
137	M/s, J S Industries., Plot No.1517, Nr. Old Police Station, Ankleshwar-393002	Spent Solvent	2496 KLPA	343.658
138	M/s, Alex Industries., Plot No.9109/4&5, GIDC, Ankleshwar-393002	Spent Solvent	979.2 KLPA	0
139	M/s, Parth Chemical Industries., Plot No.618/A, Panoli, GIDC, Ankleshwar-394116	Spent Solvent	480 KLPA	59.085

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
140	M/s, Shivam Organics., Plot No.9106-1, GIDC, Ankleshwar-393002	Spent Solvent	1800 KLPA	675.7
141	M/s, Jay Ambe Corporation., Plot No.C-1/42/16, GIDC, Nandesari, Vadodara-391340	Spent Solvent	3000 KLPA	311.922
142	M/s, Bharuch Enviro Infrastructure Ltd., Plot No.9701-16, 9801-28, 9901-28, 9601-9604, 10001-10008, G-7&8, 7924-27, 9401-9412, 9501-9506,7905 E to H, GIDC Estate, Ankleshwar-393002, Dist-Bharuch	Waste Mix Liquid @ 16,000 MTPA, Solid Waste Mix @ 10,000 MTPA	1. 16000 MTPA, 2.10000 MTPA	7671.931
143	M/s, Bharuch Enviro Infrastructure Ltd., Plot No.9701-16, 9801-28, 9901-28, 9601-9604, 10001-10008, G-7&8, 7924-27, 9401-9412, 9501-9506,7905 E to H, GIDC Estate,Ankleshwar-393002, Dist-Bharuch	Contaminated Barrels/ Drums/ Containers	1,08,000 Nos/Year	37633
144	M/s, A S Chemicals., Plot No.9108/1, GIDC, Ankleshwar-393002	Spent Solvent	2285 KLPA	430.4
145	M/s, Divine Chemicals., Plot No.3004, 2917, Panoli-394116, Tal: Ankleshwar, Dist: Bharuch	Spent Solvent	3608.4 KLPA	25.045
146	M/s, Om Sai Ram Corporation., Plot No.2106, Panoli-394116, Tal: Ankleshwar, Dist: Bharuch	Spent Solvent	2436 KLPA	2179.3
147	M/s, Vinayak Chemical., Plot No.668, Panoli-393002, Tal: AnkleshwarAnkleshwar	Spent Solvent	600 KLPA	54.662
148	M/s, Multichem., Plot No.104, GIDC Nandesari, Nandesari-391340, Dist: Vadodara		18000	9381.128

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
149	M/s, Gopinath Chem Tech Ltd (Unit-II)., Survey No.92, Block No.86, Dhanot, Tal: Kalol, Dist: Gandhinagar	Spent Solvent	18000 KLPA	0
150	M/s, Vakpati Chemicals., Plot No.7507, GIDC Estate, Taluka: Ankleshwar, Dist: Bharuch-393002	Spent Sulphuric Acid	1800 MTPA	464.076
151	M/s, Sun Pharmaceuticals., Plot No.817/A, Vill: Karakhadi, Karkhadi-391450, Dist: Vadodara	Spent Solvent	396 KLPA	88.1
152	M/s. Acquire Chemicals, Plot No.7901/D, Nr. Dhiraj Canco. Ltd., GIDC Ankleshwar, Dist: Ankleshwar	Spent Solvent	5160 KLPA	1829
153	M/s, Anju Life Science., Plot No.6007, GIDC Estate Ankleshwar, Taluka Akleshwar, Dist: Bharuch-393002	Spent Solvent		164.132
154	M/s, Apex Pharma Chem, Plot No.7904/F, Nr. BEIL, Ankleshwar	Spent Solvent	15000 KLPA	140
155	M/s, Shyam Enterprise, Plot No.C1/B, 1512, GIDC Estate, Dist: Bharuch-393002, Ankleshwar	Spent Solvent	3600 KLPA	623.75
156	M/s, Vivek Chemicals, Plot No.39104, GIDC Estate, Dist: Bharuch-393002, Ankleshwar	Spent Solvent	624 MTPA	510.8
157	M/s, Bhumi Techno Pack, Plot No.4096/A, GIDC Estate, Dist: Bharuch-393002, Ankleshwar	Spent Solvent	127 MTPA	7.7
158	M/s, Balmukund Chemicals,r Plot No.4765, GIDC Estate, Bharuch-393002, Ankleshwa	Spent Solvent	252 MTPA	179.547

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
159	M/s, Shiv Industries, Plot No.S.No.315 & 315/P1/P1, P.No.14, Kamdhenu Industrial Estate, Nr. Asta Ceramic,Rangpar (Bela)-363642, Morbi	Coal Tar/ Tarry Residue @ 3600 MTPA	3600	3
160	M/s, Ambuja Intermediates pvt. Ltd., Plot No. 1152/1 to 5, 1154/1-2, 1143/4, 1144, 1149, 1150, 1151, 1163/1-2-3, 1164/2, 1170/2, Vill: Rajpur, Ta: Kadi, Dist:Mehsana, Gandhinagar	Spent Sulphuric acid (generated during manufacturing of Vinyl Sulphone for manufacturing of H-Acid) @12000 MTPA	12000	461.17
161	M/s. Dhoriyani Silicate Industries, Plot No.SNo.767/2 & 3, Lakhdhirpur Road-363642, Morbi	Coal Tar/ Tarry Residue @ 5400 MTPA	5400	2079.298
162	M/s.Daxesh Petrochem Pvt Ltd, Plot No.4715 & 4716, GIDC Estate-393002, Ankleshwar	Spent Solvent @ 4800 MTPA	4800	2785.062
163	M/s, Nrup Reck, 17/A, Uma Industrial Estate, Ivaya – Vasna, City Sanand, Ahmedabad	Spent Solvent @ 1140 MTPA	1140	885
164	M/s, J J Corporation, Plot No.193/3, Phase-II, Dist: Valsad, Tal: Pardi, Vapi-396195	Spent Sulphuric acid (generated during manufacturing of Quinacridone Pigment Dye & Dye Intermediate) @ 2458 MTPA	2458	0
165	M/s, Silchem Industries, Plot No.27,GIDC Rafaleshwar, Rafaleshwar-363642, Morbi	Coal Tar/ Tarry Residue @ 5040 MTPA	5040	1294.379
166	M/s,Aadi Oil Pvt. Ltd., (Mundra Oil) Survey No-141 Paiki,Mundra, SEZ, Ta- Mundra, Kutch	Waste oil	29700	75.85
167	M/s, Alicid organic Industries Ltd., Plot No: 208, Hanuman Henduva,Opp. Gujcomasol, Nr. Khari River, Highway, Post: Palavasana,Mehsana-2	1. Used oil 2. Waste oil	1.3960 MTPA 2.19800 MTPA	1154.22

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
168	M/s, Karim Corporation, Plot No.157/35-C, Good Luck Market,Opp. Chandola Lake, Narol Road, Ahmedabad	Used oil	92.4MTPA	33.80
169	M/s, Concept Petrochem, S.No. 249A, Plot No: 41/A,Vasna Iyava, Vill. Sanand,Ahmedabad	Waste Oil	13200 MTPA	501.26
170	M/s, karam petroleum product p. ltd., Plot No.1915, GIDC,Sarigam, Ta:Umbergaon,Valsad	Used oil	462 MTPA	14.00
171	M/s, Mazda Industrol, Plot No.349,Vill- Sahol,Bharuch	1. Used oil 2.Waste Oil	1. 4752 MTPA 2.5280 MTPA	120.16
172	M/s, Alka Enterprises, Plot No.- 10,Panjetini Estate. Opp. P.W.D. Stores, Danilimda,Ahmedabad	1. Used oil 2.Waste Oil	1. 3960 MTPA 2.8580 MTPA	12.47
173	M/s, Jodhpur Oil Industries, Panjetani Estate, Opp. PWD-Stores,Near Chandola Lake Danilibmda, Ahmedabad	Used oil	3168 MTPA	44.80
174	M/s, Bombay Oil Company, Survey No.362, 363, 366, 487, Paiki,Plot No-14 & 24 Vill-Vatwa, Ta. Dascroi,Ahmedabad	Used oil	3762 MTPA	202.00
175	M/s,Tawakkal Traders, Plot no-15, Jagannath Maharaj Farm, Nr- Sikandar Market, Danilimda,Ahmedabad	Used oil	2244 MTPA	3.20
176	M/s,Aroma Petrochem, Pl;ot No.60, GIDC, Vartej,Bhavnagar	Used oil	1650 MTPA	165.00
177	M/s, Shree Bhagwati Petrochem, Plot No. 3, Survey No. 211, Sihor-Ghanghli Road, Vill. Ghanghli, Ta. Sihor,Bhanvagar	1. Used oil 2. Waste oil	1. 5808 MTPA 2.3432 MTPA	0.00
178	M/s,Jawrawala Petroleum, Plot No:200/33, B/H. Kashiram Textile Mill, Narol, Ahmedabad	1. Used oil 2.Waste oil	1. 5280 MTPA 2.9900 MTPA	3392.50
179	M/s,Suraj barrel supply co., Opp. D.W.D, Nr. Goodluck Barrel Market, Chandola Lake, Narol Highway, Ahmedabad	Used oil	2970 MTPA	152.40

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
180	M/s,Navkar Enterprise, Block no. 185/186, Vill. Chachrvadi, Vasna, Tal. Sanand, Ahmedabad	Waste Oil	5280 MTPA	0.00
181	M/s,One-Ten Impex, Survey No.72-P1, Trapaj-364240, Alang Road, Ta-Talaja,Bhavnagar	1. Used oil 2. Waste oil	1. 2640 MTPA 2.3960 MTPA	288.00
182	M/s,Power Gold Petrochem Pvt. Ltd., Plot No.508/B/2, S. No.436,Por-Utiya Road, Por, Vadodara	1. Used oil 2. Waste oil	1. 1800 MTPA 2.2640 MTPA	0.00
183	M/s,Priyansi Corporation, Shed No:C-1,805 to 806,GIDC, Bamanbore, Ta- Chotila,Surendranagar	1. Used oil 2. Waste oil	1. 2640 MTPA 2. 3168 MTPA	1321.85
184	M/s,Amar Hydrocarbon Pvt Ltd., Plot No.36, Sr. No.165/1 to 180, 1 & 2, Tal. Sanand, Ahmedabad	1. Used oil 2. Waste oil	1. 3960 MTPA 2.20790 MTPA	550.48
185	M/s,Shibl Lubricant, Block no.90, Plot No.1-2-3,Karanj, Modvan Patia, Mandvi,Surat	Used oil	7920 MTPA	166.00
186	M/s,R K Steel, Pl-No-21, GIDC, Estate Ph-1, Narmadanagar,Bharuch	Used oil	4752 MTPA	192.88
187	M/s,Atlas Organics (P) Ltd, Survey No:1469/2, Village : Rajpur,Ta: Kadi, Mehsana	Waste Oil	23760 MTPA	1742.78
188	M/s,Reliance Barrel Supply co., Plot No.200/34, B/H-Kashiram Mill, Narol-382405 Ahmedabad	1. Used oil 2. Waste oil	1. 9108 MTPA 2.9900 MTPA	1464.00
189	M/s, Noorani Enterprise, Plot No.57/58, GIDC, Matar,Kheda	1. Used oil 2. Waste oil	1. 2376 MTPA 2.3102 MTPA	180.00
190	M/s, Unity Petroleum Co., Opp: PWD Store,Nr. Chandola Lake, Danilimda-382405 Ahmedabad	Used oil	660 MTPA	516.00
191	M/s, ABC Organics & Chemicals, Plot No. 605, GIDC Estate, Panoli,Bharuch	Used oil	1650 MTPA	0.00
192	M/s, R.R. Industries, Plot No. 19, GIDC, Matar,Kheda	Used Oil	3168 MTPA	172.00

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
193	M/s, Power Petrochem, Plot No. 33, Raja Rao Industrial Area, Navagam,Rajkot	Used Oil / Waste Oil	2376 MTPA /3102 MTPA	33.40
194	M/s, Welknown Industries, Plot No. 43, S.No 396,New Ahmedabad Industiral Estate, Bavala – Sarkhej highway, Moraiya, Sanand, Ahmedabad	Used Oil	660 MTPA	34.40
195	M/s, Ashish Coating Technologies Pvt Ltd., Plot No.431,GIDC Vaghodia,Vadodara	Paint Sludge	132 MTPA	0.00
196	M/s, Hindustan Oils Industries, Shed No.282, A-I,Sec-III, Kandla SEZ, Gandhidham-370210,Kutch	Used Oil	13200 MTPA	2571.31
197	M/s, Rajasthan Petroleum, 115-A/2/2, Shree Hari Saw Mill Compound,Narol Road, Opp-Bombay Hotel, Danilimda,Ahmedabad	Used oil	6600 MTPA	0.00
198	M/s, Shine Petrochem, Survey No.21, Vill: Jakshi-382150, Ta: Viramgam,Ahmedabad	Waste Oil	13200 MTPA	0.00
199	M/s, Aman Petroleum, Plot No.34, (Sr. No.163), Opp: PWD Store,NR. Bhavna Textiles, Chandola Highway, Ahmedabad	Waste Oil	1485 MTPA	125.38
200	M/s, Raza Oil Co., Survey No.57/P, PlotNo.7,At: Mamsa, Ta: Gogha 364060,Bhavnagar	1.Waste Oil 2.Used Oil	1.2970 MTPA, 2.2376 MTPA	562.53
201	M/s, Bombay Barrel Supply Co., Survey No.313, Paiki 4 & 5, Barrel Market, Danilimda, Chandola Highway,Ahmedabad	Used oil	792 MTPA	500.00
202	M/s, S.R. Lubricant, Plot No.22, Jaganath, Maharaj Farm, Danilimda,Ahmedabad	Used oil	3168 MTPA	80.00
203	M/s, Gujarat Oil Recycler, S.No.867/A,Villl: Vasna-Buzarg, Kheda	1. Used oil 2.Waste oil	1. 3300 MTPA 2. 2376 MTPA	244.00
204	M/s, Mercury Enterprise, Plot No:2106 / 7,Phase-III, GIDC,Vatwa,Ahmedabad	Used Oil	528 MTPA	144.83
205	M/s, Sainath Industrial Fuels Pvt Ltd., 310 Turning Point, Waghawadi Road, Bhavnagar	Waste Oil	23100 MTPA	0.00

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
206	M/s, Concpet Energy & Hydrocarbons, Plot No.215, Nr. NH-08, Kanrera-Sarsa Road, Vill: Kanrera,Kheda	Waste Oil	13200 MTPA	0
207	M/s, Raj Enterprise, Plot no: 1, Exiloan Ind Estate, (Block no: 192 & 211 Paiki),Moje : Chancharwadi, Ta : Sanad, Ahmedabad	Used Oil	2376 MTPA	48
208	M/s, S. S. Industries, Plot No.51-52, GIDC Estate, Matar, Kheda	1. Used Oil 2.Waste Oil	1. 2160 2. 2820	76
209	M/s, Jensen International Corp., S. No.30/P/2,Tagadi-364001, Tal: Gogha,Bhavnagar	1. Used Oil 2.Waste Oil	1. 2880 2. 2880	248
210	M/s,Fine Refiners Pvt Ltd., P. No.40, Vill: Vartej, GIDC Vartej,Bhavnagar	1. Used Oil 2.Waste Oil	1. 2400 2. 12000	474.5
211	M/s,Shana Petro Chem, Al Madina Estate, Opp. PWD Stores, Chandola Lake, Narol Road,Ahmedabad	Used Oil	2970	95
212	M/s,Hindustan Enviro Life Protection Services Ltd (Unit-3)., S No.164,165, Vill: Vadgam,Tal: Khambhat,Anand	Used Oil & Waste Oil	32400	0
213	M/s,Suzlon Enterprise., Plot No.3488/2, Phase-IV, GIDC, Chhatral-301010, Tal: Kalol,Gandhinagar	Used Oil & Waste Oil	1230	36.80
214	M/s,Sabnam Enterprise, Plot No:87, GIDC Anjar - 370110, Kutch	Automobile waste lead Batteries	1800	83.104
215	M/s,Ravi Metals, Plot No. 1505,1506, GIDC Sarigam- 396155 Dist. Valsad, tal- UmbergaonVapi	Lead Acid Battery Plates & Lead Scrap	15600	441.72
216	M/s,Keyur Impex. Pvt. Ltd., Block No. 388, Changodar Industrial Estate, Plot No 55/57, Vill. Changodar, Tal. Sanand, Ahemdabad	Lead Acid Battery Plates and Lead Scrap	1440	1362.48
217	M/s,Bharat Metal Oxide, Plot no 171/A, Mahagujarat Industrial Estate, Morria Farm, Nr. Priyal Pharmaceuticals, Sarkhej Bavla Road,Ahemdabad	Lead battery plates (dry) and Lead Scrap	1680	115.318

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
218	M/s,S.K Alloys Inds., Survey No. 217 Plot No. 12,Veraval (shapar) Rajkot-Gondal Highway,Rajkot	Lead acid ,Battery Plates(dry)	14400	93
219	M/s,Metenere Limited (Formerly Met Trade India Ltd.), S.No. 590,591,593, Vill. Bhimasar, Ta. Anjar,Kutch	Lead acid ,Battery Plates(dry), Lead scrap, Lead Ash, Lead Residue	150000	247.825
220	M/s,Axis Alloys Industries, Plot no. 4708, Phase III, GIDC, Dared, Jamnagar	Lead Acid Battery Plates/ Lead Scrap	900	0
221	M/s,Gold Star Battery Ltd., B/H. Ravi Petrol Pump,Rajkot Road, Hapa-361120, Jamnagar	Lead Acid Battery scrap/other Lead Scrap	21600	1119.786
222	M/s,White Gold Metal Industries, Plot No. 14, GIDC Bamanbor,At Po. Bamanbor, Ta. Chotila,Surendranagar	Lead Acid Battery Scrap	2460	29.9
223	M/s,S.K.Metal, Sr. No: 206, Plot No: 1, Veraval(Shaper) Rajkot-Gondal Highway, Ta: Kotda Sangini,Rajkot	Lead Acid Battery Scrap	3300	68
224	M/s,Vishal alloys, Plot no: 1902, Phase I, GIDC, Chhatral, Gandhinagar	Lead Acid Battery Scrap	600	0
225	M/s,Kaycee Industries, Plot No.1649/1-2, GIDC,Sarigam-396155Vapi	Lead Scrap	4800	150
226	M/s,Shivam Metal Industries, Plot No. 204, GIDC Kerala, Tal-Bavla,Ahmedabad	Lead acid ,Battery Plates and other Scrap	4800	185.135
227	M/s,Mateshwari Metals, Plot No. 50 /62, Block No. 501, Jay Maa Kali Ind Estate Olpad, Tal- Olpad,Surat	Lead acid ,Battery Plates and Lead Scrap	5000	905.04
228	M/s,Shreeji Enterprises, Plot No. C- 13B/7/14, GIDC Estate,Sarigam,Valsad	Lead Acid Battery plates and Lead Ash/ Residue	5000	0
229	M/s,Shree Mahakali Enterprise, Plot No. 77, Aslali, Varukas Chowkdi,Kheda-Tarapur Road, Taluka- Matar,Kheda	Lead Acid Battery scrap/other Lead Scrap	1200	173.339
230	M/s,Global Associates, Pl.No-3001, GIDC, Panoli,Bharuch	Lead Acid Battery scrap/other Lead Scrap	1200	70

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
231	M/s,Blaze Metal Works, Plot No-20, Maha Gujarat Industrial Estate,Sarkej-Bavla Road, Vill-Moraiya, Raluka-Sanand,Ahmedabad	Lead Acid Battery Plates and Lead Scrap	9600	1083.83
232	M/s,Shital Metalloys (India) Pvt. Ltd., Survey No.36/P1, 37/P1, 38/P, Plot No.86/87/88/89, Vill Bharudi Kishan General Industrial, Nr.Shaktiman, Bharudi-360311, Ta: Gondal,Rajkot	Lead Acid Battery	3900	2261
233	M/s,Recmet Alloys P. Ltd., Sr No.21, Moje : Sardarpura,Ta: Jambusar,Bharuch	Lead Acid Battery Plates, Lead ash, Lead Scrap and Lead residue not covered under Battries (m&H) rules-2011	9000	1889.9
234	M/s,Asian Overseas, Plot No. 3417/2, 3418/2, Phase-IV,GIDC Estate, Chhatral- 382729,Gandhinagar	Lead Battery Scrap, Lead Scrap	10800	94.9
235	M/s,HJM Metals LLP, Plot No.1213, Dholka GIDC, Dholka-Kheda Road, Dholka,Ahmedabad	Battery Scrap and Battery Plates	9620	372.22
236	M/s,Singoda Industries, Plot No.827/5, Jhagadia Industrial Estate, Bharuch	Lead Acid Battry Plates and other Lead Scrap/Ashes/ Residues	9000	975.31
237	M/s,Harsan Enterprises, 59, Plot No.: 46, Vill-Mamsa,Bhavnagar	Lead Acid Battery Plates and Lead Scrap	1200	221.6
238	M/s,Shree Nagendra Metals Pvt. Ltd., Plot No. 15, Survey No. 66, Vill. Ajapar, Ta. Anjar, Kutch East	Lead Acid Battery, Plates, Scrap	5400	0
239	M/s,Green Metal Corporation, Plot No. 285, GIDC Talod, Tal: Talod,Sabarkantha	Lead Acid Battery, Plates, Scrap @ 4590	4590	30.7
240	M/s. Basant Clean Enviro Ltd. Plot No. 67, G.I.D.C., Kadi, Dist: Mehsana, Gujarat- 382715	E-waste	7200 MTPA	483.249

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
241	M/s. Earth E-waste Management Pvt.Ltd. Block No. 63,Sagun Ind. Estate, Type-A paiky 11- A, Plot no. 1 to 5 & 10-D, Vill- Atlodara, Tal. Olpad, Dist. Surat	E-waste	6000 MTPA	11.26
242	M/s. Greencare E-recycle Company, Survey No. 223/P3, Plot No. 4, New Somnath Industrial - 3, Villa.: Kothariya – 360002, Dist: Rajkot	E-waste	237 MTPA	30.235
243	M/s. Pruthvi E-Recycle Pvt. Ltd., Address: Plot No.31, Golden Indistrial area, Near Rolex Industries, Vill- Kothariya, Dist- Rajkot. Rajkot	E-waste	6450 MTPA	272.241
244	M/s.Videocon Industries Limited, (Videocon Narmada Glass Division) Vill: Chavaj, Bharuch-392002	E-waste	10000 MTPA	1.894
245	M/s. Felix Industries Pvt. Ltd., (Old Name: M/s PSM Overseas), E-56, Electronic Estate, GEZIA, G.I.D.C., Sector-26,Gandhinagar	E-waste	6000 MTPA	8.011
246	M/s. Galaxy Recycling, Sr. No. 36/P1, P2, 37/P2, 38/P2, Plot No. 52 & 53, Near Tirth agro. Pvt. Ltd., At: bharudi, Tal: Gondal, Rajkot	E-waste	521 MTPA	0
247	M/s. Eco Green Recycling, Plot No. 4, Near- Dynamic Textile, Ozar Road, Mota Ponda, Kaparada, Dist: Valsad, Gujarat	E-waste		214
248	M/s. E-Coli Waste management Pvt. Ltd., P1-90 to 92, Sabar industrial Park Pvt.Ltd., Vill-Asal, Tal-Bhiloda, Dist: Sabarkatha	E-waste	6012 MTPA	96.324
249	M/s. ECS Environment Ltd., Block No. 24, Paiki, Village: Vautha, Ta: Dholka, Dist.: Ahmedabad – 382225	E-waste	1620 MTPA	52.902
250	M/s. Unicare E-waste Recycler, Plot No.9/1, Raj Industrial Park-III, Jarod-Savli Road, Karachiya, Ta.Savli, Dist.Vadodara	E-waste	1500 MTPA	0.55
251	M/s. Surbine Recycling (P) Ltd., Plot No: 765, GIDC Phase-II, Dared-361004, Dist: Jamnagar	E-waste	1500 MTPA	18.757 MT & 37 Nos.

Sr. No	Name and Address of the Facility	Type of Hazardous Waste Recycled/ Utilize/ Co-processed	Authorized Recycling/ Utilization/ Co-processing Capacity (MTPA)	Quantity Recycled/ Utilized/ Co-processed (MTPA)
252	M/s. E-front line recycling Pvt. Ltd., Shed No. C1B-905/9, GIDC, Panoli, Tal: Ankleshwar, Dist: Bharuch, Gujarat-394116	E-waste	3600 MTPA	37.016
253	M/s. Dron E-waste Solution, Plot No. 56, G.I.D.C., Gozariya, Tal & Dist: Mehsana, Gujarat 382825	E-waste	14975 MTPA	8
254	M/s.Ambuja Cements Ltd. Plot no.: 315-320,351, 352,395-401 Ambujanagar, Dist-Gir-Somnath-362715	Cement Industries for Co-processing	–	1432257
255	M/s. Ultratech Cement Limited, Sr. No. 164, 268 & 270, Vill: Kovaya, Ta. Rajula, Dist. Amreli	Cement Industries for Co-processing	–	1083948.92
256	M/s. Sanghi Industries Limited, PO: Sanghipuram, Tal:Abadasa, Dist: Kutch	Cement Industries for Co-processing	–	360078.85
257	M/s. Ultra Tech Cement Ltd. Unit- Sewagram Cement Works, Kutch	Cement Industries for Co-processing	–	404198
258	M/s. Gujarat Sidhee Cement Limited, Sidheegram, Off Veraval-Kodinar Highway, Tal:Sutrapada, Dist: Junagadh – 362 276	Cement Industries for Co-processing	–	165097
259	M/s. Shree Digvijay Cement Co. Ltd., S.No.44,43,28,23,4249,48,4546,47,5051/1,51/2,52,53, Digvijay Gram, At- Sikka, Ta & Dist: Jamnagar	Cement Industries for Co-processing	–	182662.4
260	M/s. Saurashtra Cement Ltd., Ranavav, Tal: Ranavav, Dist Porbandar	Cement Industries for Co-processing	–	325667.6
261	M/s. J.K Laxmi , Gandhinagaar	Cement Industries for Co-processing	–	18206.96
262	M/s. J.K Laxmi , Surat	Cement Industries for Co-processing	–	4742.5
263	M/s,Hi Bond Cement Rajkot	Cement Industries for Co-processing	–	2045
264	M/s. Ultratech Cement Ltd – Jafrabad Works	Cement Industries for Co-processing	–	131814.72

Table 9(h): Gujarat-Details of Hazardous waste disposed in Common TSDF(s)

Sr. No.	Name & Address of the TSDF	Qty. of Stock at the beginning of the year (MT)		Qty. of Hazardous Waste Received (MT)			Qty. of Hazardous Waste Disposed (MT)			Qty. Pre-Processed for utilization (MT)	Qty. in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity	
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For incineration	Qty. Landfilled directly	Qty. Landfilled after treatment	Qty. incinerated		Landfillable	Incinerable		Incinerator (T/H)	Landfill (MT/A)
1	M/s BHARUCH ENVIRO INFRASTRUCTURE LIMITED-ANKLESHWAR Plot No. 9701-16, GIDC IE, Ankleshwar-393002	0	981.60	1,12,074.7	1,26,201.6	25,642.06	1,12,074.7	1,26,201.68	18,598.51	7671.931	0	353.228	27,65,630.68	120	3458000
2	M/s BharuchEnviro Infrastructure LTD. PLOT No. D/43, GIDC Estate, Amod Road, Dahej-392130, Dist. Bharuch TEL. : (02641) 291129	Nil	NA	29,666.76	18,350.02	NA	29,666.76	18,350.02	NA	Nil	Nil	Nil	1,54,028.04	NA	Cell -1 Capacity 1,28,000 MT (Closed) Cell 2 & 5 - Capacity 2,39,640 MT
3	M/sEcocare Infrastructures Private Limited, S.No. 127/1, 127/2, 128, 132/1,132/2, 131,132/2/2, 125/6,	NA	NA	2,06,497.54	NA	NA	2,06,497.544	NA	NA	No Pre processing as 40% allowable mositure form members	NA	NA	2,81,744.663	NA	500000

Sr. No.	Name & Address of the TSDF	Qty. of Stock at the beginning of the year (MT)		Qty. of Hazardous Waste Received (MT)			Qty. of Hazardous Waste Disposed (MT)			Qty. Pre-Processed for utilization (MT)	Qty. in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity	
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For incineration	Qty. Landfilled directly	Qty. Landfilled after treatment	Qty. incinerated		Landfillable	Incinerable		Incinerator (T/H)	Landfill (MT/A)
	125/3, Village : Ghaspur, Tal: Dasada, Dist : Surendranagar														
4	M/s GMB TSDF ALANG(O & M BY GUJARAT ENVIRO PROTECTION AND INFRA STUCTIURE LTD.)	0.000	218.81	44.355	4,851.935	610.395	44.355	4,151.935	761.250	0.000	700.000	67.305	4896.290	0.210	70,000 CUM
5	M/s Saurashtra Enviro Projects Pvt. Ltd. Plot no. D-2 CH/135, GIDC, Dahej – II, Taluka Vagra, Dist: Bharuch	NA	473.63	NA	NA	7352	NA	NA	6973	NA	NA	958	NA	10000000	NA
6	M/s Saurashtra Enviro Projects Pvt. Ltd. Survey No 415, 417, 418 Village Juna Katariya, Taluka Bhachau, District Kutch	NA	1698.4	2,69,695.98	26,859.11	34,190.98	2,93,145.00	16,844.95	28,989.00	0	7088	6684	2,86,540.92	7500000	1200000

Sr. No.	Name & Address of the TSDF	Qty. of Stock at the beginning of the year (MT)		Qty. of Hazardous Waste Received (MT)			Qty. of Hazardous Waste Disposed (MT)			Qty. Pre-Processed for utilization (MT)	Qty. in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity	
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For incineration	Qty. Landfilled directly	Qty. Landfilled after treatment	Qty. incinerated		Landfillable	Incinerable		Incinerator (T/H)	Landfill (MT/A)
7	M/s VAPI GREEN ENVIRO LIMITED (C.S.W.P SITE), PLOT NO. 4807, PHASE IV,GIDC, VAPI-396195	NIL	N/A	93,186.78	NIL	N/A	93,186.78	NIL	N/A	NIL	0	N/A	12,26,922.07	N/A	1400000
8	M/s Geohybrid Industrial Solutions Pvt Ltd.Plot No-A-33/35, Gujarat Eco –textile Park,Plasana-394315, Tal-palsana ,Dist-Surat	NA	0	NA	NA	4529.52	NA	NA	4529.52	0	NA	0	4529.52	4	NA
9	Nandesari Environment Control Ltd. , Survey No.: 519/P, GIDC Nandesari, Vadodara	NA	58.805	65584.29	NA	904.17	65584.29	NA	NA	772.53	NA	NA	528226.413	NA	5150000
Total		**0**	**3431.28**	**776750.49**	**176262.413**	**73014.364**	**776750.49**	**165548.58**	**59983.73**	**8444.46**	**10714**	**8063.458**	**537652.223**	**124210**	**6558000**

Table 9(i): Gujarat-Details of Hazardous waste disposed in Captive TSDF(s)

S.No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year
			Landfill(MT/A)	Landfill(MT/A)	
1	M/s Sagar Drugs & Pharmaceuticals Pvt Ltd ,Plot No: Phase No: , 38/3 & 46/1	Incinerable	0.8		23560.4
2	M/s Dishman Pharmaceuticals & Chemicals ,SURVEY NO: 47 / 48, PAIKI SUB PLOT-1 , LODARIYAL	Incinerable	0.5		65.1
3	M/s Cadila helth care Plot No: 417, N.H.NO.8,Village: moraiya, sannad, Ahmedabad	Incinerable	0.2		66.8
4	M/s S.R Industries,3228 GIDC,Phase-3 Chhatral,Ta-Kalol, Dist. Gandhinagar	Incinerable	0.1		3.2
5	M/s Cristal qvinone plt.ltd,Unit-3gidc,vatva,Ahm	Incinerable			25.99
6	M/s Savita Intermediates P Ltd , 194/1 , VILL : SOKHDA	Incinerable	1		0
7	M/s Tulsi Intermediates P Ltd / S	Incinerable	0.232		11.25
8	M/s Rallis india Limited	Incinerable	1.04		671.91
9	M/s WOCKHARDT LIMITED	Incinerable	0.34		343.77
10	M/s Isagro (Asia) Agrochemicals P Ltd., ,640, GIDC ESTATE , -	Incinerable	1.1		0
11	M/s Bilag Industries(bayer Pvt.Ltd ,PLOT NO.306/3, , II PHASE,	Incinerable	1.2		1137.67
12	M/s Siddhi Samrat Dye Chem Pvt.Ltd. ,6405, , -	Incinerable	1.04		1511.62
13	M/s Asmal Chem Pvt.Limited	Incinerable	0.2		204.95
14	M/s Bodal Chemicals Limited (Unit-7), Block No: 804, Vil: Dudhwada, Tal: Padra, Dist-	Incinerable	3500		927.93

S.No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year
			Landfill(MT/A)	Landfill(MT/A)	
	Vadodara (Guj				
15	M/s Aarti Industries Limited	Incinerable	1		0
16	M/s Hemani industires Ltd. Plot No.CH-5 , GIDC- Dahej ,ta-vagara	Incinerable	0.2		590.67
17	M/s Jubiliant infrastucture Ltd.	Incinerable	6.25		287.52
18	M/s Payal petrochem pvt.ltd,GIDC,DAHEJ,BHARUCH	Incinerable	2		1321.03
19	M/s Cadila pharmaceticals (ceshila helth care),nani kadi,mahesana	Incinerable	0.025		0
20	M/s Colourtex Industries Ltd.Unit-Ii (Old-Pandesara Industries Pvt.Ltd.) ,158/3-6,14-16,19,20,22,23, , SURVEY NO.74,79,80,BHESTAN,T.P.S.NO.1	Incinerable	1.04		1653.47
21	M/s Colourtex Industries Ltd - (Unit-4)(Old: Coloursynth Industries P Ltd) ,SHED NO: C-1-2, C-1 B- 2& 4 , PLOT NO: 28 T032,34,37,38,39,40 & 67	Incinerable	0.0065		1.42
22	M/s Colourtex Industries Ltd.- (Unit-1)(Old-Pandesara Industries Pvt.Ltd.) ,288/1-2,289/1-2 ,8108/2, , G. I. D. C.	Incinerable	6.4		92.46
23	M/s Reliance Industries Ltd. VILL.MORA,P.O.BHATHA,surat	Incinerable	0.07		0
24	M/s Reliance Industries Limited , Vadodara Manufracturing Division , - , PO PETROCHEMICALS, Vadodara	Incinerable	0.125		68
25	M/s Atul Limited ,5, 6, 29, 30, 33, 34, 35, 37, 38, 80, 81, 84, 85, 91, etc. , AT & P.O.ATUL, Dist. Valsad, Pin: 396020.	Incinerable	0.3		9.34
26	M/s Ven Petrochem & Pharma (India) Pvt Ltd. Plot No. 2903, 05, 07, 09, 10 & 2704 to 2708, G.I.D.C., Sarigam	Incinerable	0.25		562.6

S.No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year
			Landfill(MT/A)	Landfill(MT/A)	
27	M/s VALIANT ORGANICS LIMITED PLOT NO. 2906, 752 TO 755 G.I.D.C. SARIGAM	Incinerable	0.8		163.54
28	M/s Alembic ltd,,panelav,panchmahal	Incinerable	0.05		5.09
29	M/s Reliance Industries Limited Hazira Manufacturing Division , Village- Mora, P.O.-Bhatha, Surat Gujarat -394510	Incinerable	0.07		33.92
30	M/s Manglam Drugs & Organics Ltd (Unit-II) ,1203 , Phase No :III	Incinerable	0.1		151.43
31	M/s Claris Injectables Ltd Village – Vasana-Chacharwadi, Ta: Sanand, Dist: Ahmedabad	Incinerable	0.5		8.16
32	M/s Minol Acid & Chemicals Pvt. Ltd., ,5904-1, , --	Incinerable	0.8		570.6
33	M/s Deccan Fine Chemicals (India) Pvt. Ltd. Plot No. : 3501-3515, 6301-6313 / B1, GIDC estate, Ankleshwar (393002). District: Bharuch	Incinerable	0.4		1764.23
34	M/s Gujarat Narmada Valley Fertilizers and Chemicals Ltd , Gnfc Dahej Unit / L,D/II/8 At Dahej -II , Rahiyad,At Rahiyad , Industrial Estate,P.O Dahej - 392130,bharuch	Incinerable	0.15		73.45
35	M/s SInsecticides India Ltd., Dahej	Incinerable	1		267.4

S.No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year
			Landfill(MT/A)	Landfill(MT/A)	
36	M/s Scadila pharmaceticals (ceshila helth care),nani kadi,mahesana	Incinerable	0.025		78.7
35	M/s Reliance Industries Limited , Vadodara Manufracturing Division PO PETROCHEMICALS	Landfillable		12800	724.3
36	M/s Gujrat Alkalies and chemicals Limited,Vadodara	Landfillable		30000	4056.6
37	M/s Tsdf- Colourtex Industries Ltd (Landfill Site) ,S. NO:12 , BLOCK NO.244 PAIKEE VILLAGE.JIAV	Landfillable		12,60,000	24253.87
38	M/s Atul Limited ,5, 6, 29, 30, 33, 34, 35, 37, 38, 80, 81, 84, 85, 91, etc. , AT & P.O.ATUL, Dist. Valsad, Pin: 396020.	Landfillable		50000	8900.77
39	M/s Gujrat Alkalies and chemicals Limited, Bharuch	Landfillable		384126	50707
	Total		**3,529**	**47692666**	**1,24,876**

10.
HARYANA
(Hazardous waste generation and its Management)

Table 10(a): Details of Haryana on Hazardous Waste generation

Sr. No.	Name of the Region	Name of the Distt.	No. of HW generating industry	Authorized Qty. of HW (MT)				Qty. of Hazardous Waste generated as per Annual Return within the State/ UT (MT)				Qty. of HW imported during the year (MT)	Qty. HW exported during the year (MT)
				Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
			1	2	3	4	5	6	7	8	9	10	11
1	Hisar	Hisar	83	356.9012	3	48732.42	14	80.094	2.08	23331	0	0	0
		Fatehabad	13	24.092	0	0.02	35	2.511	0	0	2	0	0
		Sirsa	26	14.543	0	2.315	0	8.331	0	1.372	0	0	0
2	Dharuhera	Rewari	227	2603	5896	20109.2	440	1727.95	3674.38	1368.1	433.48	0	0
		M/Garh	5	0	15	2205.5	0	0	0	7.03	0	0	0
3	Sonepat	Sonipat	347	1747.43	65.5	71.555	0	1253.764	45.17	63.78	0	0	0
4	Yamuna Nagar	Yamuna Nagar	148	152.7108	19.32	205759.23	0	154.732	43.35	40.6272	0	0	0
		Karnal	90	89.9951	144.108	65510.93	0	62.9265	95.9973	43.33	0	0	0
5	Gurugram(S)	GRS	759	5933.003	9139.6	918	0	1261	6880.01	356	0	0	0
6	Gurugram(N)	Gurugram	554	1142.564	8989.18	2031.433	3131.44	329.082	8569.4	1368.23639	1260.42	0	0
		Nuh	47	221.3183	157.361	91.99	0	191.071	147.4	56.2	0	0	0
7	Faridabad	Faridabad	273	280.86062	9.504	47.64121	0	266.817593	9.0288	44.7827374	0	0	0
8	Panchkula	Panchkula	96	315.69	32.44	578.7	0	121	12.5	222	0	0	0
		Ambala	105	300.93	503.73	470.6	0	260	435	405.93	0	0	0
		Kurukshetra	41	164.9	0	432.46	0	89	0	125.53	0	0	0
9	Ballabgarh	Faridabad	632	4441.126	1237.814	655.228	0	4037.387	1125.285	624.026	0	0	0
		Palwal	121	1017.165	602.459	44.521	0	924.695	547.69	42.401	0	0	0
10	Jind	Bhiwani	31	57.75	3.00	1.90	0	33.60	1.80	0.79	0	0	0
		Dadri	3	0	0.6	0.02	0	0.20	0.18	0.00	0.00	0.00	0.00
		Jind	15	5.08	5.50	0.00	0.00	4.00	5.50	0.00	0.00	0.00	0.00
		Kaithal	5	2.35	3.00	0	0	2.28	3.00	0	0	0	0
11	Bahadurgarh	Jhajjar	168	834.6455	241.165	65.44	0	332.851	127.561	36.933	0	0	0
		Rohtak	103	1123.226	554.04	20.9115	12	996.092	495.58	8.1415	11	0	0
12	Panipat	Panipat	418	2004.309	310	5917.180	0	1526.421	254.625	4962.093	0	0	0
	Total		**4310**	**22833.58**	**27932.321**	**353667.2**	**3632.44**	**13665.805**	**22475.53**	**33108.307**	**1706.9**	**0**	**0**

Table 10(b): Haryana- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

Sr. No.	Hazardous Waste	Hazardous waste received from other State/ UT		Hazardous Waste sent to other State / UT	Qty. sent (MT)
		Name of State/ UT from which waste received	Qty. received (MT)	Name of State/ UT where waste sent	
			12		13
1	For disposal at common secured landfill	nil	0	0	0
2	For disposal at common incinerator	nil	0	0	0
3	For recycling by Schedule-IV recyclers	Delhi	752.747	0	0
		Punjab	388		
		UP	728		
		Rajasthan	622.453		
		Assam	349		
		Bihar	766.208		
		Jarkhand	96.681		
		H. Pradesh	16		
		Uttrakhand	43		
		West bengal	22		
		Chhatisgarh	46.96		
		Outside India	127.88		
4	For utilization in Co-processing (Cement Plants)	nil	0	Rajasthan	22193.19
				Madhya Pradesh	451.305
5	For utilization under Rule 9 (other than co-processing)	nil	0	0	0

Table 10(c): Haryana-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the Region	Name of District	Recycling/ Utilization of hazardous waste (generated within the State / UT)				Recycling/ Utilization of hazardous waste (received from other State / UT)			
			Qty. of waste recycled (listed under Schedule-IV HW (MT)	Co-processing in Cement Kiln	Other than Co-processing	Captive Utilization (other than coloumn 15 & 16)	Qty. of waste Recycled (Listed under Schedule-IV HW) (MT)	Co-processing in Cement Kiln	Under Rule 9 other than Co-processing	Captive Utilization (other than coloumn 19 & 20)
			14	15	16	17	18	19	20	21
1	Hisar	Hisar	27827.92	0	0	0	7.326	0	0	0
		Fatehabad	0	0	0	0	0	0	0	0
		Sirsa	0	0	0	0	0	0	0	0
2	Dharuhera	Rewari	1236.62	433.48	0	0	0	0	0	0
		M/Garh	0.21	0	0	0	6.82	0	6.82	0
3	Sonipat	Sonipat	63.78	0	0	0	3958.93	0	0	0
4	Yamuna Nagar	Yamuna Nagar	84.53	0	0	0	0	0	0	0
		Karnal	54.34	0	0	0	0	0	0	0
5	Gurugram(S)	Gurugraon(S)	0	0	0	0	0	0	0	0
6	Gurugram(N)	Gurugram(N)	1359.4182	1260.42	0	0	5.355	0	0	0
		Nuh	54.24	0	0	0	0	0	0	0
7	Faridabad	Faridabad	0	0	0	0	0	0	0	0
8	Panchkula	Panchkula	222	0	0	0	0	0	0	0
		Ambala	405.93	0	0	0	0	0	0	0
		Kurukshetra	125.53	0	0	0	0	0	0	0
9	Ballabgarh	Faridabad	616.11	0	0	0	0	0	0	0
		Palwal	41.69	0	0	0	0	0	0	0
10	Jind	Bhiwani	0.80	0	0	0	0	0	0	0
		Dadri	0.00	0	0	0	0	0	0	0
		Jind	0.00	0	0	0	0	0	0	0
		Kaithal	0.00	0	0	0	0	0	0	0
11	Bahadurgarh	Jhajjar	49.13	0	0	0	0	0	0	0
		Rohtak	8.99	19.485	0	0	0	0	0	0
12	Panipat	Panipat	452.39	0	0	0	0	0	0	0
Total			**32603.6347**	**1713.385**	**0**	**0**	**3978.431**	**0**	**6.82**	**0**

Table 10(d): Haryana-Details on Hazardous Waste Disposed

S. No	Name of the Region	Name of District	Disposal of hazardous waste (generated within the State/ UT)				Disposal of hazardous waste (received from other State/ UT)			
			Quantity Disposal in Secured landfill (MT)		Quantity Disposal in Secured Incinerator (MT)		Quantity Disposal in Secured landfill (MT)		Quantity Disposal in Secured Incinerator (MT)	
			Common	Captive	Common	Captive	Common	Captive	Common	Captive
			22	23	24	25	26	27	28	29
1	Hisar	Hisar	142.188	0	0	0	0	0	0	0
		Fatehabad	0	0	0	0	0	0	0	0
		Sirsa	7.345	0	0	0	0	0	0	0
2	Dharuhera	Rewari	1445.71	232.23	3473	118.1	0	0	0	0
		M/Garh	0	0	0.33	0	0	0	0	0
3	Sonepat	Sonepat	1350.46	0	33.27	11.9	0	0	0	0
4	Yamuna Nagar	Yamuna Nagar	61.16	0	63.77	0	0	0	0	0
		Karnal	37.555	0	83.325	0	0	0	0	0
5	Gurugram S)	GRS	1091	0	6128	0	0	0	0	0
6	Gurugram(N)	Gurugram	324.779	0	430.155	592.7	0	0	0	0
		Nuh	187.7891	0	144.273	0	0	0	0	0
7	Faridabad	Fbd	300.1574959	0	8.667648	0	681.14	0	592.06	0
8	Panchkula	Panchkula	21	0	12.5	0	0	0	0	0
		Ambala	160	0	435	0	0	0	0	0
		Kurukshetra	12	0	0	0	0	0	0	0
9	Ballabgarh	Faridabad	3875.09	0	1060.285	0	0	0	0	0
		Palwal	878.167	0	530.875	0	0	0	0	0
10	Jind	Bhiwani	31.38	0	0	0	0	0	0	0
		Dadri	0	0	0	0	0	0	0	0
		Jind	5	0	9	0	0	0	0	0
		Kaithal	3	0	0	0	0	0	0	0
11	Bahadurgarh	Jhajjar	202.01	0	115.825	76.5	0	0	0	0
		Rohtak	1001.92	0	970.325	0	0	0	0	0
12	Panipat	Panipat	389.801	0	254.625	0	0	0	0	0
	Total		**11527.506**	**232.23**	**13753.22565**	**799.2**	**681.14**	**0**	**592.06**	**0**

Table 10(e): Haryana-Details on Hazardous Waste Stored at Occupier Premises

S. No	Name of the Region	Name of District	Total Qty. of HW stored at Occupier premises at the beginning of the Financial year i.e. 01.04.2017 (MT)				Total Qty. of HW stored at Occupier premises during the Financial year i.e. 1st April to 31st March 2018 (MT)			
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
			30	31	32	33	34	35	36	37
1	Hisar	Hisar	75.629	1.1	7530.1	0	13.535	3.18	3033.18	0
		Fatehabad	0.22	0	0	0	2.731	0	0	2
		Sirsa	2.9	0	0	0	3.886	0	1.372	0
2	Dharuhera	Rewari	35.07	65.59	25.38	0	85.08	148.87	156.86	0
		M/Garh	0	0.1	0.24	0	0	-0.23	7.06	0
3	Sonipat	Sonipat	119.038	0	0	0	22.342	0	0	0
4	Yamuna Nagar	Yamuna Nagar	122.07	71.25	98.21	0	215.65	50.83	54.31	0
		Karnal	60.23	90.18	98.95	0	85.60	102.85	87.94	0
5	Gurugram (S)	GRS	578.6	178.4	105.4	0	748.6	930.41	461.4	0
6	Gurugram (N)	Gurugram	10.625	103.26	67.538	0	14.928	7649.805	76.35619	0
		Nuh	3.822	3.57	1.8	0	7.1039	6.697	3.76	0
7	Faridabad	FBD	56.322	0	0.05	0	22.9820969	0.361152	44.8327374	0
8	Panchkula	Panchkula	237.74	118.87	0	0	337.74	118.87	0	0
		Ambala	259.9	129.95	0	0	359.9	129.95	0	0
		Kurukshetra	101.22	50.61	0	0	178.22	50.61	0	0
9	Ballabgarh	Faridabad	40.38	12	6.25	0	202.67	77	14.16	0
		Palwal	9.25	5	0.42	0	55.78	22	1.13	0
10	Jind	Bhiwani	5.99	0.88	0.45	0	8.21	2.68	0.440972	0
		Dadri	0.0	0.9	0	0	0.200	1.08	0	0
		Jind	3.4	5.5	0	0	2.4	2.0	0	0
		Kaithal	2.06	0.0	0	0	1	3.00	0	0
11	Bahadurgarh	Jhajjar	140.57	82.935	21.55	0	271.411	18.171	9.35	0
		Rohtak	89.27	510.06	4.42	8.485	83.442	35.315	3.57	0
12	Panipat	Panipat	1116.028	0	3343.0112	0	2252.648	0	7852.7182	0
	Total		**3070.2811**	**1430.363**	**11303.7675**	**8.485**	**4976.349597**	**9353.474452**	**11808.4401**	**2**

Table 10(f) : Haryana-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S. No.	Type of Recycline Facilities	No. of facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized capacity (MTA)	Qty. Recycled/ Utilized / Co-processed (MT)
A	**Commonly Recyclable HW**			
1	Brass Dross	2	7355	3450
2	Zinc Bearing Waste	28	188337	123147.63
3	Copper Bearing Waste	4	38700	6070.41
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	1	2880	467
4	Lead bearing waste including battery waste	51	222808	97617.2518
5	E-waste	10	66315	3031.46
6	Paint and ink Sludge / residues	Nil	Nil	Nil
7	Used Oil	32	117382.5	49225.2
8	Waste Oil	2	7800	7800
	TOTAL	**130**	**651577.5**	**290808.9518**
B	**Utilization of HW under Rule 9**			
1	Recovery of solvents from spent solvents	1	Nil	1260.42
2	De-contamination of contaminated drums / containers/ barrels.	7	457070	297070
	TOTAL	**8**	**457070**	**298330.42**
C	**Co-Processing in Cement Plants**	2	Nil	6847.99

Table 10(g): Haryana-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
1	M/s Chandigarh Chemicals, Jamalpur Road, Tosham, Fatehabad	Zinc Ash, Zinc Dust/Dross Brass Dross	7500	7500
2	M/s Mahesh Chemicals & Allied, Industries, 24 Ind. Area, Sirsa	Zinc Ash, Zinc Dust/Dross Brass Dross	4000	4000
3	M/s Shakti Industries, 9th KM Rajgarh Road, Hisar	Ferrous/Non Ferrous Zinc ash zinc dross and zinc skimming	17000	17000
4	M/s Shiv Shakti Enterprises, Plot No. 252,Phase-I, Barhi, Sonepat	Brass Dross, Copper Dross, Waste Copper & Copper Alloys,Zinc DrossBottom, Zinc Ash/skimming,Zinc Bearing waste	3600	340
5	M/s Upper India Smelting & Refinery Works, 11-E, Industrial Area, Yamuna Nagar	Zinc Ash/dross/skimminy/flabes/residues/aluminium scrap/ash /golulume	20000.00	13240.56
6	M/s Sagar Metallics, Durga Garden, Jagadhri	Zinc, Aluminium, Copper, Brass Dross and Ash	2430.00	1608.73
7	M/s Arun Metal Industries, Jesico Colony, Yamuna Nagar	Dross/Scrap	4320.00	2859.96
8	M/s Mittal Battery, P. No. 349, Indl. Area, Ph-I, Panchkula	Copper Ingot	200	0.41

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
9	M/s Fertichem Enterprises (P) Ltd., 404, Indl. Area, Ph-2, Panchkula	Zinc ingot, brass ingot	4500 MTA, Nil	570.41 MTA
10	M/s Shree Ram Metals, Vill. Tabar, Panchkula	Zinc scrap, aluminium Scrap	3600 MTA	3600 MTA
11	M/s CosmoAgromet Indsutry, Plot No. 409, IA, Panchkula	Zinc ash/skimming/dross and brass dross	11728 MTA	10000 MTA
12	M/s Shree Narayana Industry,Sahabad, Adoya Road, V.P.O.Thana Chhapar,Yamuna Nagar	(b) Brass	3755.00	3126.56
13	M/s Ajay Products, Old Chh. Road, Yamuna Nagar	Aluminium Dross and Scrap	5.00	5.00
14	M/s S.R. Metals, Behind Sonia Metals, Durga Garden, Jagadhri.	Aluminium Dross and Scrap	5.00	5.00
15	M/s M.V.Recyclers India (P) Ltd., Plot No. 396,Sec-57, HSIIDC, Phase-IV, Kundli,Sonepat	Insulated Copper Wire Scrap or copper with PVC sheathing including ISRIcode material namely “Druid” and Jelly filled Copper cables	2880	467
16	M/s Jai Hind Metal Industry, #1519, Near Kali Mandir, Old Chhachhrauli Road, Jagadhri	(b) Copper	28350.00	4469.73
17	M/s Shiv Metals, Gulab Nagar Chowk, Bilaspur Road, Jagadhri.	(b) Copper	10150.00	1600.27

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
18	M/s krishna Enterprises, 207, HSIIDC, Manakpur, Jagadhri	Insulated Copper Wire Scrap	100 .00	15.77
19	M/s Hinudstan Metal & Chemical, 9 K.M. Stone, Delhi Road, Hissar	Zinc Ash/Skimming/other Zinc	2500	2500
20	M/s G.M Admixture, Plot No. 189, I.A, Ph-I, Panchkula	Zinc ash/skimming/dross	6000	5100
21	M/s Sandley Cham, (India) Pvt. Ltd., 32, Udyog Nagar, Delhi Road, Hisar	Zinc Ash/ Dross	3000	3000
22	M/s Tirupati Chemicals, Tosham Road, Vill. Kanwari, Hisar	Zinc Ingots	1500	1500
23	M/s Singla Metals, Plot No. 78, Sector-27-28, Hisar	Zinc ash, zinc skimming and zinc dross	3000	3000
24	M/s Singhal Industries, 10, IDC, Hisar	Zinc ash, zinc skimming and zinc dross	1200	1200
25	M/s Sandley Industries, 29, Udyog Nagar, Hisar	Zinc Ash/ Dross	3000	3000
26	M/s M/s Punia Udyog, Delhi Road, Rewari	Zinc Dross and Zinc Ash	2697	746.63
27	M/s Rajdev Intertrade (P) Ltd., W-9, Industrial Area, Jagadhri, Yamuna Nagar	Zinc Ash/dross/skimminy/flabes/residues/aluminium scrap/ash /golulume	20000.00	13240.56

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
28	M/s Shree Narayana Industry,Sahabad, Adoya Road, V.P.O.Thana Chhapar,Yamuna Nagar	(a) Zinc	3560.00	2356.82
29	M/s Jai Hind Metal Industry, #1519, Near Kali Mandir, Old Chhachhrauli Road, Jagadhri	(a) Zinc	38250.00	25322.57
30	M/s Shiv Metals, Gulab Nagar Chowk, Bilaspur Road, Jagadhri.	(a) Zinc	12450.00	8242.25
31	M/s Ashok Metal Refinery Works, Chhachhrauli Road, New Buria , Jagadhri.	Zinc Dross	5000.00	3310.14
32	M/s Krishna Enterprises, 207, HSIIDC, Manakpur, Jagadhri	Zinc Ash Dross Residue Blowing Scrap Skimming Flakes Dust	200.00	132.41
33	M/s Suraj Udyog, Bawla Road, Tauru, Mewat	Zinc Dross/Skimming / Ash & Residues / Scrap	15000	0
34	M/s Cosmo Zincox Industries, #401, Indl. Area, Ph-I, Panchkula	Zinc dross/ash/screeming	3950	2345.8
35	M/s Floorex Tiles, P. No. 198, Indl-Area, Ph-1, Panchkula	Zinc Ingots	2880	911.036
36	M/s Metal & Chemicals, MIE-B, Red Cross Road, Bahadurgarh	zinc	3000	1925

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
37	M/s Sun Agrozinc (P) Ltd, P. No. 6, Ruhil Inds, Area, Vill-Kablana, Distt. Jhajjar.	zinc	3600	2025
38	M/s Haryana Chemicals Inds, Red Cross Road, MIE, Bahadurgarh.	zinc	1800	1010
39	M/s Goel Oil Containers, Plot No. 745, Sector-58, Faridabad	Cleaning of Drums & Canes (Consisting of Chemical and oil) after using (Approx. 60,000 Nos. /year)	1080	1080
40	M/s Bharti Oil & Containers Co. 1B Sector-5 Northen India Compound , Faridabad	Cleaning of Drums & Canes (Consisting of Chemical and oil) after using (Approx. 55,000 Nos. /year)	990	990
41	M/s 3 R RECYCLER,Plot No. 266, Sector - 8, IMT Manesar, Gurgaon	E-Waste	1800	496.11
42	M/s Deshwal Waste Management Pvt Ltd, Plot No. 292, Sector-7, IMT Manesar, Gurgaon	E-Waste	1000	224.6
43	M/s EARTH SENSE RECYCLE PVT LTD, Plot No. 100, Sector - 5, IMT Manesar, Gurgaon	E-Waste	2160	180.7
44	M/s Green Vortex Waste Management Pvt LtdPlot No 177, Sector 7, IMT Manesar	E-Waste	1500	127
45	M/s SMS ENTERPRISES, Plot No. 544- D, First Floor, Sector -37, Pace City - II, Gurgaon (Haryana)	E-Waste	47225	1.3

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
46	M/s Ingram Micro India Pvt. Ltd., Plot-527, Pace City-II, Industrial Area, Sector-37, Gurugram	E-Waste	300	1.5
47	M/s Nirvana Recycing Pvt. Ltd., D-6, Udyog Vihar, Gurugram.	E-Waste	6030	700.25
48	M/s E-Waste Solutions, Industrial Shed IA, Industrial Estate, Sec-6, Faridabad	E-Waste dismantler	1000	1000
49	M/s A to Z E-waste Solutions, Plot no. 66, Pargiti Vihar, Industrial Area, sector-59, Ballabgarh	E-Waste dismantler	300	300
50	M/s Green World International (P) Ltd, Ganpati Dham, Bahadurgarh	E-Waste	5000	0
51	M/s Mittal Battery, P. No. 349, Indl. Area, Ph-I, Panchkula	Lead Ingot,	500	230
52	M/s Quantech Melalloys Ltd, Panaudi Road, Gharaunda, Karnal	Recycling of lead scrap/ashes/residue	14400	14400
53	M/s Vasu Alloys P. Ltd., Vill-Kunjpura, Distt-Karnal	Recycling of lead scrap/ashes/residue	28000.00	28000.00

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
54	M/s M/s Stalwart Alloys India (P) Industries, Vill. Yari, Ladwa Road, Shahbad Markanda, Kurukshetra	Lead Unit	10000	3508
55	M/s Parul Foods Specialities (P) Ltd., 167 KM Stone, GT Road, Khanpur Kolian, Kurukshetra (Lead Recycling unit)	Lead Unit	7500	520
56	M/s G.D.M Industry, Vill. Dukheri Road, Mohra, Ambala	Lead Unit	210	28.5
57	M/s Relson Engineer, Dhand Road, Kaithal	Lead Scrap	900	800
58	M/s Jyoti Metals, Plot No 65, HSIIDC Jind	Lead Scrap	900	800
59	M/s Shri Banke Bihari Metals, M-9, Industrial Area, Panipat	Lead Acid	900	177.581
60	M/s Shree Krishna Alloys, Plot No. 223, Sec 27-28, Hisar	Lead Acid Battery plates, Lead Scrap/Ashes/ Residues	3300	3300
61	M/s Jainco Industries, Plot No. 203, Sec 27-28, Hisar	Lead Acid Battery plates, Lead Scrap/Ashes/ Residues	700	700
62	M/s Rajiv Metals 3 KM Stone, Barwala Road Hansi Hisar	Lead Acid battery plates and other lead scrap/ashes/residues	600	600

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
63	M/s Hindustan Metals, Plot No. 209, Sec 27-28, Hisar	Used lead acid battery including grid plates and other lead scrap/ ashes/residues not covered under Batteries (M&H) Rules, 2001	880	880
64	M/s Diwakar Enterprises (P) Ltd., P.No. 7, Sec—3, HSIIDC, Bawal, Distt. Rewari	(Lead Scrap Battery Scrap LeadDross/Lead Dust/Lead concentrate/Ashes Lead Pipes/Rods Residues and Bras)	12500	908.6818
65	M/s HVR Industries P. Ltd. 59/20, Vill.-Saidhpur, Teh.Kharkhoda, Sonepat.	Battery Scrap	10000	0
66	M/s Om Enterprises, B-9, Prem colony, Kundli	Lead acid battery plates	3000	70.477
67	M/s Rana Enterprises, VPO Firozpur Bangar, Tehsil Kharkhoda, Distt. Sonepat	Lead acid battery plates	9000	0
68	M/s V.B. Holding Pvt. Ltd., Khasra No. 23//21/2, Vill. Liwaspur, Sonepat	Lead Acid Battery Plates & other lead Scrap/ Residue	4200	2770
69	M/s D.B. Steel, Plot No. 408, HSIIDC, Barhi, Sonepat	Lead acid battery plates, lead scrap, lead ash etc.	14400	24
70	M/s D.D Pigments,Kh.No.59/21, Vill age-Saidpur,Tehsil-Kharkhoda, Distt. Sonepat	Lead Ingots and Red Oxide Powder, Lead Scrap & Lead acid Battiers plates	2700	44.375

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
71	M/s Varun Enterprises (India), Prem Colony, Aggarwal Industrial Area, Kundli, Sonepat	Lead scrap/ lead acid battery plates	5000	1543
72	M/s Starlit Power System Limited, Indri Road, Village Atta, Near Gurgaon, Mewat	Lead acid battery plates, lead scrap/ashes/residues	15000	205.637
73	M/s S.S. Batteries,Lead, P. No. 150, HSIIDC, IE, barwala, Panchkula	Lead acid battery plated scrap, ashes/residues	240	0
74	M/s Ridhi Sidhi Dhoop & Metal Industries, Plot No. 21, HSIIDC Jind	Lead Acid Battery plates and other Lead Scrap)	1200	1100
75	M/s Guru Jyot Metal Plot No 35 HSIIDC Hansi Road Jind	Lead Scrap Ashes /Residues/battery plates	300	200
76	M/s Guru Jyot metal, Plot No. 34, HSIIDC, Hansi Road, Jind	Lead Acid battery plates and other lead scrap/ashes/residues	900	800
77	M/s Jai Durga Enterprises, Plot No 193, HSIDC Narwana Jind JIND	Lead Acid battery plates and other lead scrap/ashes/residues	4416	4000
78	M/s Abhishek Industries, P. No. 116-117, IDC, Distt. Rohtak.	lead bearing waste including battery waste	330	260

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
79	M/s Baba Metal Company, Village Baland, Distt. Rohtak	lead bearing waste including battery waste	1200	745
80	M/s Baweja Industries, Plot No. 29, IDC, Hissar Road, Rohtak	lead bearing waste including battery waste	2400	110
81	M/s Chetna Enterprises, P. No. 119, IDC, Rohtak	lead bearing waste including battery waste	2400	1350
82	M/s Arora Enterprises, Plot No. 24, IDC, Rohtak	lead bearing waste including battery waste	2250	1260
83	M/s Balaji Enterprises, P. No. 184, HSIIDC, Distt. Rohtak.	lead bearing waste including battery waste	1200	735
84	M/s Bharat Chemical Industries, P. No. 25, IDC, Rohtak	lead bearing waste including battery waste	2500	130
85	M/s Chirag Enterprises, Vill-Khairpur, Distt. Jhajjar	lead bearing waste including battery waste	5000	2600
86	M/s Deep Metal, Vill-Baland, Distt. Rohtak	lead bearing waste including battery waste	1080	755
87	M/s Durga Industries, P. No. 262, HSIIDC, Rohtak	lead bearing waste including battery waste	3000	1450
88	M/s D.R. Industries, Jonti Road, Vill-Kanoda, Distt. Jhajjar.	lead bearing waste including battery waste	3120	1700

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
89	M/s Guru Nanak Enterprises, Singhpura Road, Distt. Rohtak	lead bearing waste including battery waste	1400	850
90	M/s Giriraj Metal, P. No. 39, HSIIDC, Rohtak	lead bearing waste including battery waste	2500	1350
91	M/s Kailash Industries, P. No. 152, HSIIDC, Kutana, Distt. Rohtak	lead bearing waste including battery waste	4416	2200
92	M/s Leading Metals (P) Ltd, P. No. 35, Sec-16, HSIIDC, Bahadurgarh	lead bearing waste including battery waste	14400	10050
93	M/s Master Metal, Vill. Baland, Distt. Rohtak	lead bearing waste including battery waste	1800	930
94	M/s Nav Durga, Plot No. 199, HSIIDC, Rohtak	lead bearing waste including battery waste	3000	1260
95	M/s Odhav Met Trade (P) Ltd, Vill-Ismaila, Sampla, Distt. Rohtak.	lead bearing waste including battery waste	6000	3240
96	M/s Om Hari Om Enterprises, Village Sidhipur, Distt. Jhajjar	lead bearing waste including battery waste	1950	1400
97	M/s R.S. Enterprises, P. No. 914, MIE, Bahadurgarh	lead bearing waste including battery waste	2160	1350
98	M/s Shri Ram Industries, P. No. 94, HSIIDC, Distt. Rohtak	lead bearing waste including battery waste	2400	1260

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
99	M/s Shri Balaji Enterprises, Vill-Khairpur, Distt. Jhajjar	lead bearing waste including battery waste	3366	1650
100	M/s Shri Guru Nanak Auto Indl. Corpn. P. No. 169, IDC, Hissar Road, Distt. Rohtak	lead bearing waste including battery waste	1400	850
101	M/s Sonu Metal, Vill. Baland, Distt. Rohtak.	lead bearing waste including battery waste	1080	750
102	M/s Santosh Industry, P. No. 142, HSIIDC, Rohtak	lead bearing waste including battery waste	1050	720
103	M/s Haryana Petro Oils, P.No. 31, Ph-3rd , Inds. Area, Sirsa	Used Oil	1350	1350
104	M/s Shree Balaji Oil Industries, Vill. Nalwa, Hisar	Used Oil	1800	1800
105	M/s M.K. Industries, Village Balana, Mohindergarh	Used oil	2199	0.33
106	M/s Reliance Lube Oils & Greases Corp., Piao- Maniyari, Narela Road, Kundli, Distt. Sonepat.	Waste oil	4224	15.5
107	M/s Shri Giri Raj Oil Co., Ferozpur Bangar, Teshil Kharkhoda, Distt. Sonepat.	Waste oil	6000	673.61

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
108	M/s Om Petro Fines, Pio-Maniyari, Kundli, Sonepat.	Waste oil	6000	0
109	M/s Divya Petro Product, Vill. Jat Joshi, Bahalgarh, Road, Sonipat	Waste oil	1000	45
110	M/s Carewell Lubricants Industry, Vill Sandhir, Nilokheri, Karnal.	Used Oil	1500.00	1500.00
111	M/s Haryana Petro Chemicals, Village Sheikpura, Meerut Road, Karnal	Used Oil	1200.00	1200.00
		Waste oil	4200.00	4200.00
112	M/s Universal Hydrolubes, Vill. Darar, Indri Road, Karnal	Used Oil	1440.00	1440.00
		Waste oil	3600.00	3600.00
113	M/s B.N. Concast (P) Ltd., 18, HSIIDC Complex, Barwala, Panchkula	Used Oil	3000	300
114	M/s Indian Petro Chemicals Village Sikri, Ballabgarh, Faridabad	Used Oil	3000	2850.5
115	M/s Satyam Petrochemicals, Plot No. 5, Sector 4, Faridabad	Used Oil	360	349.5
116	M/s Laxmi Enterprises, Village Jui, Distt. Bhiwani	Waste oil	2500	1306

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
117	M/s Bhagwati Inds, P. No. 59, IDC, Hissar Road, Distt. Rohtak.	used oil	4800	3200
118	M/s Bharat Oil & Grease Co. C-4/15, M.I.E., Bahadurgarh	used oil	2880	1680
119	M/s G.S. Bharat Oil Refinery, P. No. 351 MIE-A, Bahadurgarh	used oil	3000	2400
120	M/s Global Natural Petro Industries, D-R Road, Vill-Sankhol, Distt. Jhajjar.	used oil	4959	2450
121	M/s Haryana Industrial Oil Co., Nazafgarh Road, Bahadurgarh.	used oil	3000	900
122	M/s Haryana Oil Processors, Sampla, Rohtak.	used oil	9000	3400
123	M/s Mahavira Udyog, Bhiwani Road, Rohtak	used oil	5000	2125
124	M/s Om Industries, VPO-Titoli, Rohtak.	used oil	3000	1800
125	M/s Power Link Oil Refinery, P. No. 18, 19, 55 & 59, MIE-A, Bahadurgarh	used oil	3070.5	1700
126	M/s Raghav Enterprises, P. No. 1379 & 1350, MIE, Bahadurgarh	used oil	6000	2900

Sr. No.	Name & address of the facility	Type of Hazardous Waste Recycled	Authorized Recycling/ Utilization / Co-Processing capacity (MTA)	Qty. Recycled Utilized / Co-processed (MT)
127	M/s Raj Transoils, P. No. 1744, MIE, Bahadurgarh	used oil	2100	910
128	M/s Shiv Oil Refinery, Kharkhoda Road, VPO Kheri Sampla, Rohtak	used oil	4800	2240
129	M/s Shiva Petroleum, Vill-Hassanagarh, Distt. Rohtak	used oil	1200	800
130	M/s Shruti Petrochem Industries, Vill-Loharheri, Distt. Jhajjar.	used oil	5000	2435
131	M/s Sumit Chemicals, P.No. 60, IDC, Rohtak.	used oil	5000	1800
132	M/s Sunrise Industries, Vill-Rohad, Distt. Jhajjar.	used oil	10800	3500
133	M/s Sunderam Industries, Vill-Naya Bans, Tehsil Sampla, Distt. Rohtak	used oil	5100	2150
134	M/s Friends Petro Chemicals & Allied Industries, Village Rare Kalan, Assandh Road, Panipat	Used Oil	3100	4.76

Table 10(h): Haryana-Details of Hazardous waste disposed in Common TSDF(s)

Sr. No.	Name & Address of the TSDF	Qty. of Stock at the beginning of the year (MT)		Qty. of Hazardous Waste Received (MT)			Qty. of Hazardous Waste Disposed (MT)			Qty. Pre-Processed for utilization (MT)	Qty. in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Land fillable	Incinerable	For Direct landfill	For Landfill after treatment	For incineration	Qty. Landfilled directly	Qty. Landfilled after treatment	Qty. incinerated		Land fillable	Incinerable		Incinerator (Kcal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Gujarat Enviro Protection & Infra (HR) Pvt. Ltd., (GEPIL), Near Pali-Mohbatabad Stone Crushing Zone, Faridabad HSPCB/Consent/:HWM/FDBD/2017/4428886 From 21/08/2017-30/09/2021	0	4517.1	8420.5	1198.72	13948.4	8420.45	1214.925	2742.90	9086.54	0	1317.1	58725.6	2500	12000000	140000

Table 10(i): Haryana-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and address of captive facility	Type of facility (landfillable/ incinerable/ both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill (MT/A)		
1	M/s Hero Moto Corp, 69Km Stone, Delhi Jaipur Highway, Dharuhera	Both	0.25	232.23	232.23	0
2	M/s Crystal Crop Protection (P) Ltd., Unit-II (Tech Plant), Vill. Nathupur, Sonepat	Incinerable	0.05	Nil	5.55	37.25
3	M/s Indogulf Cropsciences Ltd., (Jai Shree Rasayan Udyog Ltd.) (new unit Tech. Plant), Vill. Nathupur, Sonepat	Incinerable 0.05	0.05	Nil	6.35	40.3
		Total	**0.35**	**232.23**	**244.13**	**77.55**

11.
HIMACHAL PRADESH
(Hazardous waste generation and its Management)

Table 11(a): Himachal Pradesh -District-wise details on Hazardous Waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Solan	1890	77292	0	5751	9123	12854.5	0	3477	3207.365	0	0
2	Sirmour	892	4075	0	81	668	523.1	0	2867	14.08	0	0
3	Una & Hamirpur	160	572	0	2877	58	1097	0	272	19	0	0
4	Bilaspur	59	2167	0	64	18	4.6	0	19	21.78	0	0
5	Mandi	46	109	0	54	14	22.6	0	6	0.46	0	0
6	Kullu & Lauhal Spiti	111	0.735	0	35	0	21	0	3	0	0	0
7	Kangra	110	82	0	721	11	15	0	0.2	0	0	0
8	Chamba	59	0.08	0	8	0	0.2	0	0	0	0	0
9	Shimla	177	0	0	4	0	0.03	0	10	0	0	0
10	Kinnaur	37	1	0	53	0	0.02	0	0	0	0	0
	Total	**3541**	**84298.815**	**0**	**9648**	**9892**	**14538.05**	**0**	**6654.2**	**3262.685**	**0**	**0**

Table 11(b): Himachal Pradesh- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	0	0
2	For disposal at common Incinerator	0	0	0	0
3	For recycling by Schedule IV recyclers	INP	5486	Haryana	338.2
				Rajasthan	304.1
4	For utilization in co-processing (cement plants)	0	0	0	0
5	For utilization under Rule 9 (other than co-processing)	0	0	0	0

Table 11(c): HImachal Pradesh-Details on Hazardous Waste Recycled and Utilized

S. No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Solan	3000	1955.405	1204	0	2536	0	0	0
2	Sirmour	2800	0	14	0	2950	0	0	0
3	Una & Hamirpur	200	0	19	0	0	0	0	0
4	Bilaspur	0	21.78	0	0	0	0	0	0
5	Mandi	0	0	0.16	0	0	0	0	0
6	Kullu & Lauhal Spiti	0	0	0	0	0	0	0	0
7	Kangra	0	0	0	0	0	0	0	0
8	Chamba	0	0	0	0	0	0	0	0
9	Shimla	0	0	0	0	0	0	0	0
10	Kinnaur	0	0	0	0	0	0	0	0
	Total	**6000**	**1977.185**	**1237.16**	**0**	**5486**	**0**	**0**	**0**

Table 11(d): Himachal Pradesh-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Solan	12927.4	0	0	0	0	0	0	0
2	Sirmour	496	0	0	0	0	0	0	0
3	Una & Hamirpur	1097	0	0	0	0	0	0	0
4	Bilaspur	4.6	0	0	0	0	0	0	0
5	Mandi	17.6	0	0	0	0	0	0	0
6	Kullu & Lauhal Spiti	21	0	0	0	0	0	0	0
7	Kangra	15	0	0	0	0	0	0	0
8	Chamba	0.2	0	0	0	0	0	0	0
9	Shimla	0.03	0	0	0	0	0	0	0
10	Kinnaur	0.02	0	0	0	0	0	0	0
	Total	**14578.85**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table 11(e): Himachal Pradesh-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Solan	90.53	0	0	0	100	0	9.77	48
2	Sirmour	68.21	0	0	0	27.1	0	0.85	0.08
3	Una & Hamirpur	14.69	0	0	0	0	0	0	0
4	Bilaspur	0	0	0	0	0	0	0	0
5	Mandi	0	0	0	0	5	0	1	0.3
6	Kullu & Lauhal Spiti	0	0	0	0	0	0	0	0
7	Kangra	0	0	0	0	0	0	0	0
8	Chamba	0	0	0	0	0	0	0	0
9	Shimla	0	0	0	0	0	0	0	0
10	Kinnaur	0	0	0	0	0	0	0	0
	Total	**173.43**	**0**	**0**	**0**	**132.1**	**0**	**11.62**	**48.38**

Table 11(f) Himachal Pradesh-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross	1	4000	0
2	Zinc Bearing Wastes	1	6000	955
3	Copper Bearing Waste	0	0	0

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	0	0	0
5	Lead bearing waste including battery waste	12	80285	10531
6	E-Waste	0	0	0
7	Paint and ink Sludge/residues	0	0	0
8	Used oil			
9	Waste Oil	0	0	0
	Total	**14**	**90285**	**11486**
B	**Utilization of HW under Rule 9**			
1	De-contamination of contaminated drums/containers/ barrels	16	4181.4	1237.6
	Total	**16**	**4181.4**	**1237.6**
C	**Co-processing in Cement Plants**	2	1900	1977.35

Table 11(g): Himachal Pradesh-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s Gulshan Trading Comp. Sai Road, Baddi	Dicontamination of Contaminated Drums	388.8	3.6
2	M/s Super Trading Gullarwala, Sai Raod, Baddi	Dicontamination of Contaminated Drums	194.4	49.9
3	M/s Shiv Shakti Enterprises, Vill. Chakjangi, Baddi	Dicontamination of Contaminated Drums	388.8	_

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
4	M/s Him Trading Comp. Vill. Shettalpur, PO Baddi, Tehsil Baddi, Dist. Solan	Dicontamination of Contaminated Drums	259.2	117.1
5	M/s Balaji Trading Comp., Vill. Swaraj Majra PO Baddi, Tehsil Baddi, Dist. Solan	Dicontamination of Contaminated Drums	81	39.8
6	M/s Ak Enterprises, Vill. Malkumajra, PO Bhud, Tehsil Baddi	Dicontamination of Contaminated Drums	259.2	12.5
7	M/s KK Enterprises, Khasra No. 1308/478, Vill. Shitalpur, Baddi, Dist. Solan HP	Dicontamination of Contaminated Drums	194.4	87
8	M/s Neha Enterprises, Vill. Kaimbawala, PO Mandhala, Tehsil Baddi, Dist. Solan	Dicontamination of Contaminated Drums	388.8	62.3
9	M/s Two Star Trading Co. Vill. Thana Narangpur, Tehsil Baddi, Dist. Solan	Dicontamination of Contaminated Drums	194.4	22.5
10	M/s Kamal Enterprises, Vill. Kotla Baddi Dist. Solan	Dicontamination of Contaminated Drums	388.8	87
11	M/s Sk Trading Comp. Vill. & PO Barotiwala, Tehsil Kasauli, Dist. Solan	Dicontamination of Contaminated Drums	194	55.6
12	M/s Shivalik Solid Waste Management Ltd. Vill. Majra, PO Dabhota, Tehsil Nalagarh, Dist. Solan	Dicontamination of Contaminated Drums	259.2	259
13	M/s M Rauf Enterprises Plot No. 1746, Vill. Thana, PO Baddi, Tehsil Baddi, Dist. Solan	Dicontamination of Contaminated Drums	252	222.9
14	M/s Enviro Enterprises, Plot No. 18-C, Industrial Area Lodhimajra Solan	Dicontamination of Contaminated Drums	259.2	133.9

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
15	M/s Lucky Enterprises Plot No. 42, Industrial Area Lodhimajra, Tehsil Baddi, Dist. Solan HP	Dicontamination of Contaminated Drums	388.8	65.5
16	M/s Salam Traders Comp. Vill. Dattowal, Tehsil Nalagarh, Dist. Solan HP	Dicontamination of Contaminated Drums	90	19
17	M/s Rama Metal Comp. Vill. Johron, Behind DIC, Industrial Area, Kala Amb, Dist. Sirmour HP	lead acid batteries plates and other lead scrap/residue	550	295
18	M/s Radha Krishna Ind. Vill. Meerpur Gurudwara, Kala Amb. Dist. Sirmour HP	lead acid batteries plates and other lead scrap	10500	0
19	M/s Sri Balaji Smelters Plot No. 90, Industrial Area, Lodhimajra, Tehsil Baddi	lead acid batteries plates and other lead scrap/residue	7000	2650
20	M/s Sai Ind. Plot No. 22, Trilokpur Road, IA, Kala Amb, Dist. Sirmour HP	battery scrap	4800	0
21	M/s Ras Ind. Plot No. 22, Trilokpur Road, IA, Kala Amb, Dist Sirmour HP	battery scrap	4800	0
22	M/s Neelkanth Ind. Plot No. 38, Sect. 5, Parwanoo, Dist. Solan	Brass dross, copper dross, zinc ash & zinc skimming	4000	0
23	M/s SK Engineers, Vill. Johron, Trilokpur Road, Kala Amb, Tehsil Nahan, Dist. Sirmour	lead acid battery plates & lead scrap	1200	1200
24	M/s Span India Scaffoldings, Vill. Johron, PO Kala Amb. Tehsil Nahan, Dist. Sirmour HP	lead acid battery plates & lead scrap	1200	1193

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
25	M/s Ekta Enterprises, Plot No. 43, Trilokpur Road, Ind. Area, Kala Amb. Tehsil Nahan, Dist. Sirmour	lead acid battery plates & lead scrap	5000	1027
26	M/s Geon International Plot No.65, Bhatoli Kalan, Industrial Area, Baddi Dist. Solan	lead acid batteries plates lead scrap/residue/lead ash and lead scrap	12000	1749
27	M/s Indo Plast P. Ltd. Plot No. 46-48, Sect. 5, Parwanoo, Dist. Solan	zinc ash, zinc dross/zinc skimming/zinc scrap, brass ash/brass dross/brass scrap/copper dross/copper scrap/al;uminium dross/aluminium scrap	6000	955
28	M/s Sarika Industrial Plot No. 111, HPSIDC, Industrial Area, Tehsil Baddi, Dist. Solan HP	lead acid batteries plates and other lead scrap/residue	5500	0
29	M/s Rama Krishna Industries Vill. Jattan, Kala Amb. Dist. Sirmour	lead acid battery including plates and other lead scrap	27700	2418
30	M/s KK Enterprises VPO Daslehra, Tehsil Jhandutta, Dist Bilaspur	lead acid battery including plates and other lead scrap	35	0
31	M/s ACC Ltd. (Unit-1) , Gagal Cement Works, PO Barmana, Dist. Bilaspur	ETP Sludge	100	21.78
32	M/s Ambuja Cement LTd. (Suli Unit), PO Daralaghat, Tehsil Arki, Dist. Solan	Solid Wastes Mix	1800	1955.41

Table 11(h): Himachal Pradesh-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Shivalik Solid Waste Management Ltd., Village Majra, PO Dabhota, Tehsil Nalagarh, Dist. Solan (HP) 174 101.	173.427	0	2167.515	12335.412	0	2167.515	12411.332	0	1) 1998.315 MT sent to cement plant for co-processing 2) 289.647 MT paint sludge sent to authorized recyclers.	97.507	0	139268 MT excluding raw material & soil	0	0	50000

Table 11(i): Himachal Pradesh-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable /both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
Nil	Nil	Nil	Nil	Nil	Nil	Nil

12.
JAMMU & KASHMIR
(Hazardous waste generation and its Management)

Table 12(a): J&K -District-wise details on Hazardous Waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Jammu	23	0.6945	23.583	10.949	11.489	0.6945	23.583	10.949	11.489	0	0
2	Samba	138	83.55	188.65	129.83	26.46	83.55	188.65	129.83	26.46	0	0
3	Kathua	47	0	179.2	1930.26	177.59	0	179.2	1930.26	177.59	0	0
4	Udhampur	8	0	0.953	1499.54	0	0	0.953	1499.541	0	0	0
5	Pulawama	6	105	0	0	56.5	105	0	0	56.5	0	0
6	Budgam	2	0.35	0	1	0	0.35	0	1	0	0	0
7	Srinagar	3	0	0	70	0	0	0	70	0	0	0
	Total	**227**	**189.5945**	**392.386**	**3641.579**	**272.039**	**189.5945**	**392.386**	**3641.58**	**272.039**	**0**	**0**

Table 12(b): J&K- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	---	0	---	0
2	For disposal at common Incinerator	---	0	UP	241.123
3	For recycling by Schedule IV recyclers	Punjab	250.87	Rajasthan	1929.42
		Punjab, UP & Haryana	2353	---	0
		Rajasthan, Haryana, Gujarat, MP, UP, Bihar, Assam	37683.503	---	0
4	For utilization in co-processing (cement plants)	---	0	Gujarat	26.46
5	For utilization under Rule 9 (other than co-processing)	---	0	---	0

Table 12(c): J&K-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Jammu	0	0	0	0	0	0	0	0
2	Samba	12.4	0	0	0	2603.87	0	0	0
3	Kathua	0	0	0	177.59	37683.503	0	0	0
4	Udhampur	1500	0	0	0	0	0	0	0
	Total	**1512.4**	**0**	**0**	**177.59**	**40287.373**	**0**	**0**	**0**

Table 12(d): J&K-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Jammu	0	0	0	0	0	0	0	0
2	Samba	0	0	0	4.655	0	0	0	0
3	Kathua	0	0	0	0	0	0	0	0
4	Udhampur	0	0	0	0	0	0	0	0
	Total	**0**	**0**	**0**	**4.655**	**0**	**0**	**0**	**0**

Table 12(e): J&K-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Jammu	0.694	48.834	1.909	28.045	1.389	72.417	12.85	39.534
2	Samba	538	642	619	0	621.55	616.66	736.43	0
3	Kathua	0	1284.39	96.51	17.75	0	1431.81	97.35	17.75
4	Udhampur	0	0.621	0.612	0	0	1.574	0.153	0
5	Pulawama	49.25	0	0	0	105	0	0	0
6	Budgam	0.35	0	1	1	0	0	1	0
7	Srinagar	0	0	0	0	0	0	70	0
	Total	**588.294**	**1975.845**	**719.031**	**46.795**	**727.939**	**2122.461**	**917.783**	**57.284**

Table 12(f): J&K-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross			
2	Zinc Bearing Wastes	7	47299	2325.26
3	Copper Bearing Waste	1	600	
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	2	1300	1025.28
5	Lead bearing waste including battery waste	20	140639	46145.03
6	E-Waste			
7	Paint and ink Sludge/residues			
8	Used oil	2	1292.7	12.42
9	Waste Oil			
10	Non ferrous metal scrap (mixed)	1	300	0
	Total	**33**	**191430.7**	**49507.99**
B	**Utilization of HW under Rule 9**	0	0	0
C	**Co-processing in Cement Plants**	0	0	0

Table 12(g): J&K-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s KDS Alloys Phase-I, IGC, Samba	lead from battery waste	720	454
2	M/s S&F Allouys Phase I, IGC, Samba	lead from battery waste	3600	2100
3	M/s DM Alloys, Phase I, IGC, Samba	lead from battery waste	1392	504
4	M/s Metenere Ltd., Phase I, IGC, Samba	lead from battery waste	0	Unit not in operation

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
5	M/s Oska Alloys and Steel Pvt. Ltd. Phase-11	lead from battery waste	1946	1473
6	M/s Quality Zinc Pvt. LTd. Phase-I IGC Samba	zinc dross	0	50
7	M/s Hari Naryan Ind. Phase-I IGC, Samba	zinc dross	0	Unit not in operation
8	M/s Galaxy Ind., Phase-I, IGC, Samba	zinc dross and zinc ash	17500	51.37
9	M/s Rishi Ind., Phase-I, IGC, Samba	battery plates	45	Unit not in operation
10	M/s Shantik Metal Works, Phase, Phase, Samba	lead from lead scrap	153	63
11	M/s Sterlite Ind., Phase-I, Samba	lead from lead scrap	204	Unit not in operation
12	M/s Exion Ind., Phase-I, Samba	lead from lead scrap	1368	417
13	M/s Khajuria Ind. Lane No. 3 Phase-II	Used oil	1290	11.22
14	M/s Nitika Refinery Lane No. 3 Phase-II SIDCO	Used oil	2.7	1.2
15	M/s Jehlum Metal SIDCO B.B Samba	lead residue	9000	Unit not in operation
16	M/s Thukral Metals SIDCO B.B Samba	lead residue	8160	1581
17	M/s Bhawani Wire & Cable Lane No. 3 SIDCO B.B Samba	lead residue	7200	Unit not in operation
18	M/s Golden Fabricators Lane No. 4, Phase-II, SIDCO B.B Udhampur Dist.	zinc dross	900	149.5
19	M/s Radha Ind. IID Centre Battal Ballian Khatua Dist.	lead scrap, lead acid batteries dry	1800	1500
20	M/s Jammu Pigment Pvt. Ltd. Near Railway Crossing, Logate Morh, Kathua	lead acid battery plates, lead scrap, lead	28458	24505
		zinc bearing waste	7149	2015
		spent catalyst containing cadmium, zinc	900	655.28
21	M/s Gravita Metal Inc. SICIOP Industial Area, Kathua	lead acid battery plates, lead scrap, lead	9340	3414.2

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
22	M/s Bharat Udyog SICOP Industrial Area, Kathua	lead acid battery plates, lead scrap, lead	18000	6058
23	M/s Chetan Alloys 163-34 SICOP Industrial Area, Kathua	lead bearing waste	6756	25
		zinc bearing waste	5300	not undertaken during the said period
24	M/s Chambal Allums Pvt. Ltd. IID Centre Govindsar	lead acid battery plates, lead scrap, lead ash & lead residue	5000	2864
25	M/s Metal & Pigment, Logate Morh, Kathua	bag house powder/zinc ash/zinc dust/zinc skimming/pc cake/moore cake	30000	The unit remained closed during the said period 2017-18
26	M/s Kathua Metal Pvt. Ltd., 214-B, SICOP Industrial Area, Kathua	battery scrap, lead acid battery plates & lead residue	360	95
27	M/s Rama Metal Plot No. 5-A, IID Centre, Govindsar, Kathua	raw lead, remelted lead ingots, secondary lead and all types of lead scrap, antimony lead, residues-battery scrap	32341	722.3
28	M/s R.R Pigments Pvt. Ltd. IID Centre, Govindsar, Kathua	zinc dross, zinc ash, skimming, zinc residue, spent cleared metal catalyst containing zinc	800	not undertaken during the said period
		copper oxide mill scale, copper cake & residue, brass dross, copper dross, spent cleared metal catalyst containing copper	600	not undertaken during the said period
		mixed non-ferrus metal scrap	300	not undertaken during the said period
		spent catalyst containing nickel, zinc	400	370

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
		lead acid battery plates/scrap	5000	not undertaken during the said period
29	M/s National Sports Industries Industrial Estate	zinc dust, zinc ash, zinc square	3150	59.39

Table 12(h): J&K-Details of Hazardous waste disposed in Common TSDF(s)

S. N.	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	Nil	NoTSDF available in the State														

Table 12(i): J&K-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	Nil	NoTSDF available in the State				

13.
JHARKHAND
(Hazardous waste generation and its Management)

Table 13(a): Jharkhand-District-wise details on Hazardous Waste Generation

Sr. No.	Name fo the District	Number of HW Generating Industry	Authorized Quantity of Hazerdous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/ UT (Metric Tonne)				Quantity of HW Imported during the year (Metric Tonne)	Quantity of HW exported during the year (Metric Tonne)
		1	2	3	4	5	6	7	8	9	10	11
			Landfillable	**Incinerable**	**Recyclable**	**Utilizable**	**Landfillable**	**Incinerable**	**Recyclable**	**Utilizable**		
1	East Singhbhum	71	177089.53	1497.64	16628.97	0	177057.96	1069.92	16548.18	0.85	0	0
2	West Singhbhum	14	4057.37	284.05	651.04	0	4425	269.5	600.78	0.5	0	0
3	Saraikela Kharsawan	175	642.87	210.98	176.88	0	398.03	127.87	84.76	4.34	0	0
4	Bokaro	36	2830.29	1195.92	11016.56	45848.13	2542.92	1189.005	2077.39	45326.28	0	0
5	Dhanbad	91	1000.99	294.58	2261.51	215.28	0.51	290.15	188.1	28.57	0	0
6	Ranchi	38	2.5	2	80	0	2.5	2	80	0	0	0
7	Palamu	7	1	0	6	0	1	0	6	0	0	0
8	Garhwa	5	0	0	1	0	0	0	1	0	0	0
9	Latehar	3	0	0	3	0	0	0	3	0	0	0
10	Lohardaga	3	0	0	8	0	0	0	8	0	0	0
11	Simdega	4	0	0	0.3	0	0	0	0.3	0	0	0
12	Gumla	5	0	0	2.4	0	0	0	2.4	0	0	0
13	Khunti	3	0	0	0.2	0	0	0	0.2	0	0	0
14	Jamtara	3	0	0	0	0	0	0	0	0	0	0
15	Godda	1	0	0	0	0	0	0	108.07	0	0	0
16	Deoghar	5	0	0	0	0	0	0	21.6	0	0	0
17	Pakur	1	0	0	0	0	0	0	0	0	0	0
18	sahibganj	0	0	0	0	0	0	0	0	0	0	0

Sr. No.	Name fo the District	Number of HW Generating Industry	Authorized Quantity of Hazerdous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/ UT (Metric Tonne)				Quantity of HW Imported during the year (Metric Tonne)	Quantity of HW exported during the year (Metric Tonne)
		1	2	3	4	5	6	7	8	9	10	11
			Landfillable	**Incinerable**	**Recyclable**	**Utilizable**	**Landfillable**	**Incinerable**	**Recyclable**	**Utilizable**		
19	Dumka	0	0	0	0	0	0	0	0	0	0	0
20	Giridih	17	0.94	0	0	8.83	0	0	0	0	0	0
21	Ramgarh	51	0	0	47.066	9.85	0	0	0	0	0	0
22	Chatra	7	0	0	16.68	0	0	0	0	0	0	0
23	Hazaribagh	9	0	0	164.49	1.84	0	0	0	0	0	0
24	Koderma	7	0	0	2.43	4.8	0	0	0	0	0	0
	Total	**556**	**185625.49**	**3485.17**	**31066.526**	**46088.73**	**184427.92**	**2948.445**	**19729.78**	**45360.54**	**0**	**0**

Table 13(b): Jharkhand- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

Sr. No.	Hazardous Waste	Hazardous Waste Received from other State / UT		Hazardous waste sent to other State/ UT	
		Name of State / UT from which waste received	Quantity received (MT)	Name of State/ UT where waste sent	Quantity sent (MT)
			12		13
i	For disposal at common secured landfill	NIL	NIL	NIL	NIL
ii	For disposal at common incinereator	NIL	NIL	NIL	NIL
iii	For recycling by Schedule IV recyclers	NIL	NIL	NIL	NIL
iv	For utilization in co-processing (cement plants)	NIL	NIL	NIL	NIL
v	For utilization under Rules 9 (Other than co processing)	NIL	NIL	NIL	NIL

Table 13(c): Jharkhand-Details on Hazardous Waste Recycled and Utilized

Sr. No.	Name fo the District	Recycling / Utilization of Waste (generated within the State/ UT)				Recycling / Utilization of hazardous waste (received from other State /UT)			
		Quantity of waste recycled (listed under Schedule IV Hazrdous Waste) (MT)	Quantity Utilized (MT)			Quantity of waste recycled (listed under Schedule IV Hazrdous Waste) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Under Rules 9 Other than Co-Porcessing)	Captive Utilziation /other than coloumn 19 & 20		Co-processing in Cement Kiln	Under Ruels 9 Other than Co-Porcessing)	Captive Utilziation /other than coloumn 19 & 20
		14	15	16	17	18	19	20	21
1	S. Kharsawan	1764	0	0	0	0	0	0	0
2	East Singhbhum	0	0	0	0	0	0	0	0
3	West Singhbhum	0	1230.29	0	0	0	0	0	0
5	Bokaro	1873.24	0	0	45325.62	0	0	0	0
6	Dhanbad	138.43	0	0	28.54	0	0	0	0
7	Ranchi	80	0	0	0	0	0	0	0
8	Palamu	6	0	0	0	0	0	0	0
9	Garhwa	1	0	0	0	0	0	0	0
10	Latehar	3	0	0	0	0	0	0	0
11	Lohardaga	8	0	0	0	0	0	0	0
12	Simdega	0.3	0	0	0	0	0	0	0
13	Gumla	2.4	0	0	0	0	0	0	0
14	Khunti	0.2	0	0	0	0	0	0	0
15	Jamtara	0	0	0	0	0	0	0	0
16	Godda	0	0	0	0	0	0	0	0
17	Deoghar	0	0	0	0	16	0	0	0
18	Pakur	0	0	0	0	0	0	0	0
19	Sahibganj	0	0	0	0	0	0	0	0
20	Dumka	0	0	0	0	0	0	0	0
	Total	**3876.57**	**1230.29**	**0**	**45354.16**	**16**	**0**	**0**	**0**

Table 13(d): Jharkhand-Details on Hazardous Waste Disposed

Sr. No.	Name fo the District	Disposal of hazardous waste (generated within the State/ UT)				Disposal of hazardous waste (received from other State /UT)			
		Quantity Disposed in Secured Landfill		Quantity disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill		Quantity Disposed through incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	S. Kharsawan	432.89	0	0	0	0	0	0	0
2	East Singhbhum	0	0	0	192	0	0	0	0
3	West Singhbhum	0	0	0	0	0	0	0	0
4	Bokaro	0	2542.92	0	1189.01	0	0	0	0
5	Dhanbad	0	0.5	0	289.32	0	0	0	0
6	Ranchi	0	2.5	0	2	0	0	0	0
7	Palamu	0	1	0	0	0	0	0	0
8	Garhwa	0	0	0	0	0	0	0	0
9	Latehar	0	0	0	0	0	0	0	0
10	Lohardaga	0	0	0	0	0	0	0	0
11	Simdega	0	0	0	0	0	0	0	0
12	Gumla	0	0	0	0	0	0	0	0
13	Khunti	0	0	0	0	0	0	0	0
14	Jamtara	0	0	0	0	0	0	0	0
15	Godda	0	0	0	0	0	0	0	0
16	Deoghar	0	0	0	0	0	0	0	0
17	Pakur	0	0	0	0	0	0	0	0
18	sahibganj	0	0	0	0	0	0	0	0
19	Dumka	0	0	0	0	0	0	0	0
	Total	**432.89**	**2546.92**	**0**	**1672.33**	**0**	**0**	**0**	**0**

Table 13(e): Jharkhand-Details on Hazardous Waste Stored at Occupier Premises

Sr. No.	Name of the District	total Quantity of HW Stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW Stored at Occupier premises during the financial year i.e. 1st April to 31st March, 2018 MT			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	S. Kharsawan	252.09	64.22	40.78	5.45	215.04	33.73	29.18	4.34
2	East Singhbhum	19820	15.33	1078.17	0.76	15415.17	30.65	2136.27	0.85
3	West Singhbhum	4057.05	284.5	20.87	0.45	4425	269.5	55.18	0.5
4	Bokaro	0	0	271.83	1.36	0	0	475.98	1.02
5	Dhanbad	0	0	32.11	0.48	0.0052	0.83	81.78	0.52
6	Ranchi	1.63	2	66.37	0	2.5	2	80	0
7	Palamu	1	0	5.5	0	1	0	6	0
8	Garhwa	0	0	0.8	0	0	0	1	0
9	Latehar	0	0	3	0	0	0	3	0
10	Lohardaga	0	0	8	0	0	0	8	0
11	Simdega	0	0	0.3	0	0	0	0.3	0
12	Gumla	0	0	2.4	0	0	0	2.4	0
13	Khunti	0	0	0.2	0	0	0	0.2	0
14	Jamtara	0	0	0	0	0	0	0	0
15	Godda	0	0	0	0	0	0	108.07	0
16	Deoghar	0	0	0	0	0	0	21.6	0
17	Pakur	0	0	0	0	0	0	0	0
18	sahibganj	0	0	0	0	0	0	0	0
19	Dumka	0	0	0	0	0	0	0	0
	Total	**24131.77**	**366.05**	**1530.33**	**8.5**	**20058.7152**	**336.71**	**3008.96**	**7.23**

Table 13(f): Jharkhand-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S. No.	Type of Recyling Facilities	Total No. of Facilities authorizaed for recycling / Utilization / co-processing of HW	Total Authorized Capacity (MTA)	Total Quantity Recycled/ Utillized / Co-prcoessed (MT)
A	**Commonly recyclable HW**			
1	Brass Dross	NIL	NIL	NIL
2	Zinc Bearing Wastes	2	19.6	
3	Copper Bearing Waste	NIL	NIL	NIL
4	Spent Catalyst containign nickel, cadmium, Zinc, copper, arsenic, vanadium and cobatt.	NIL	NIL	NIL
5	Lead bearing waste including battery waste	2	3002	3002
6	E-waste	NIL	NIL	NIL
7	Paint and ink Sludge/ residues	NIL	NIL	NIL
8	Used Oil	4	28027	4534
9	Waste Oil			
	Total	**8**	**31048.6**	**7536**
B	**Utilization of HW under Rule 9**			
	Utilization of spent fixer (Hypo) solution generated from Photography / X-rays films to recover silver metal.	2	200	NIL
	Total	**2**	**200**	**0**
C	**Co-processing in Cement Plants**	1	23500	1230.29

Table 13(g): Jharkhand-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s Trident Metal Energy Pvt. Ltd., At PO. Karharia, Dist. Bokaro	Lead metal from scrap batteries	3000	NA
2	M/s Anmonl Agrifarm Input Pvt Ltd, Jasidih, Deoghar	Zinc Bearing Weste Mud	16 T/A	16 T/A
3	M/s Mangalam Lubricants Pvt. Ltd., At.-Ranchi Khunti Road, Po-Hardag, Dist.-Ranchi- 835221	i. Used Oil,	Used Oil: 15318 Waste oil: 6808 Registration certificate no.-B29016(44)1(Reg.)/09HMMD, dated-19.08.2009	Used Oil: 2484 Waste oil: 379.04
4	M/s Tirupati Chemicals and Industries, At.+Po-Mahilong, Dist.-Ranchi.	i. Zinc Ash Powder ii. Zinc Dross	Zinc Ash Powder and Zinc Dross- 3.6TPD	Zinc Ash Powder and Zinc Dross- 600-700 MT/annum
5	M/s Poddar Agrotech, At.-Tupudana Industrial Area, Po-Hatia, Dist.-Ranchi.	1. Lead Metal From Scrap Battery 2. Lead Sludge/Ash	Lead-2.0MTD Lead Sludge/Ash-120TPA	Lead-2.0MTD Lead Sludge/Ash-12 TPA
6	M/s ACC Ltd, At- Jhinkpani, W. Singhbhum	-	23500 MT/y	1230.29
7	M/s Jamshedpur Lubricant6th-phase, AIA, S. Kh	Used oil	3312	378.63
8	M/s Bolbum Petroleum 3rd-phase, AIA, S. Kh	Used oil and waste oil	4968	1243.84
9	M/s Jamura Lubricants, 6th-phase, AIA, S. Kh	Zink Ash	9750	3150
10	M/s Tata Steel Ltd., Jamshedpur, East Singhbhum	Captive Utilization	359703	

Table 13(h): Jharkhand-Details of Hazardous waste disposed in Common TSDF(s)

S. N.	Name and Address of the TSDF	Quantity in Stock at the beginning of the Year (MT)		Quantity of Hazrdous Waste Received (MT)			Quantity of Hazrdous Waste Disposed (MT)			Quantity Pre-Processign for utilization (MT)	Quantity in Stock at the end of the Year (MT)		Commulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable (DLF + LAT)	Incinerable	For Direct Landfill	For Landfil after treatment	for Incineration	Quantity Landfilled directly	Quantity Landfilled after tratment	Quantity Incinerated		Landfillable	Incienrable		Incinerator (Kcal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Adityapur Waste Management Pvt. Ltd. Dugni, Saraikela Kharsawan	NIL	NIL	NIL	NIL	NIL	NIL	432.89	NIL	NIL	9.39	NIL	432.89	0	0.5	17.4

Table 13(i): Jharkhand-Details of Hazardous waste disposed in Captive TSDF(s)

Sr. NO.	Name and Adderess of Captive Facility	Type of Facility (landfillable/incinerable/both)	Capacity		HW Disposed during the year (MT)	Commulative HW disposed till the end of financial year (MT)
			Incinerator (T/H)	Landfill (MT)		
1	M/s Tata Motors Ltd., Jamshedpur, East Singhbhum	Incinerable	0.25	N/A	152 T	3463.84

14.
KARNATAKA
(Hazardous waste generation and its Management)

Table 14(a): Karnataka -District-wise details on Hazardous Waste Generation

S.NO	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				•Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported duringthe year(MetricTonne)
			Landfillable	lncinerable	Recyclable	Utilizable	Landfillable	lncinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Anekal	217	9960.67	38396.19	81649.71	18333.83	5309.84	2962.48	2861.03	0	0	
2	Bommanahalli	220	126.8	210.6	304.2	0	102.8	180.3	257.6	0	0	0
3	Sarjapur	197	91.15	1413.22	1388.07	0	85	1150.35	1180.62	0	0	0
4	R.R.Nagar	89	1851.7	249.525	550.192	0	1162.02	63.23945	306.488	0	0	0
5	Ramanagara	148	2848	11862	14923	1451	392	1875	4411	451.3	0	0
6	Bangalore city east	129	31.42	32.585	136.23	0	31.32	31.34	9.67	0	0	0
7	Bangalore city west	147	66.18	200.02	1710.149	0	64.82	186.5	1680.23	0	0	0
8	Bangalore city South	63	686.11	664.0445	705.908	0	118.25	662.2	680.25	0	0	0
9	Bangalore Peenya	259	1471	541	2308	0	620	274	747	0	0	0
10	Yalahanka	65	315.1	2505.61	5819.49	0	307.16	1907.22	4506	0	0	0
11	Dasarahalli	73	3076.56	1487.422	13930.25	0	70.05902	527.4643	1127.215	0	0	0
12	Nelamangala	105	2058.74	3115.35	3057.97	0	2037.44	2260.14	1587.75	0	0	0
13	Doddaballapura	61	2320.9	662.38	1473.43	0	2264.14	456.79	1099.15	0	0	0
14	Mahadevpura	206	828.9	1682.77	4180.95	0	504.47	1318.86	3542.71	0	0	0
15	Kolar	77	3182	1943	43296	0	2510	669	681.11	0	0	0
16	Chikballapura	13	345.97	980.02	204.76	0	179.97	33.97	18.3	0	0	0
17	Hoskote	73	9320.5	1877.93	28815.24	0	510.39	1075.31	2389.78	0	0	0
18	Chamarajanag	7	0	3.43	83.884	0	0	2.267	61.788		0	0

S.NO	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				•Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported duringthe year(MetricTonne)
			Landfillable	lncinerable	Recyclable	Utilizable	Landfillable	lncinerable	Recyclable	Utilizable		
	ara											
19	Hassan	50	2751	436	12529	0	3034.00	47.17	1970.62		0	0
20	Mandya	55	12.92	1307.52	535.36		3.743	27.71	255.11		0	0
21	Mysuru-1	58	767.55	3151.061	8141.6499	0	406.9078	1730.9351	2728.3351	0	0	0
22	Mysuru-2	27	8627.2	557.55	15810.99	2867.3227	4131.913	309.5758	9185.1248	2038.58	532.465	50.385
23	Kodagu	10	0.2	2.18122	21.324	0	0	0.25225	1.1241	0	0	0
24	Dakshina Kannada	140	8743.3	2689.827	7247.563	3513.054	4493.45	213.51	3082.17	1719.59	0	0
25	Udupi	33	1348	241	48	450	1258	24	43	202	0	0
26	Karwar	33	0	224.19	2460.16	0	0.192	1.3	30	0	0	0
27	Chikkamagaluru	3	0	0	2.5	0	0	0	1.5	0	0	0
28	Ballary	66	513.74	1224.7	2427.69	205861.18	406.32	911.45	2192.55	170569	0	0
29	Koppal	33	10	6.45	53.59	0	3	5.35	49.07	0	0	0
30	Raichur	25	2645.599	1396.867	1120.063	0	659.359	24.463	279.977	0	0	0
31	Kalaburagi	12	0	0	44135.875	0	0	0	663	0	0	0
32	Bidar	19	0	0	6051.025	0	924.803	0	0.2	0	0	0
33	Vijayapura	29	0	0	103.653	0	0	0	91.624	0	0	0
34	Yadgir	9	0	0	3	0	0	0	3	0	0	0
35	Dharwad	100	939.23	810	3713.84	161.42	247.81	346.944	1075.25	161.42	0	0
36	Belagavi	105	676.72	28.433	1005.52	7.83	220.747	249.99	14939.538	13657.38	0	0
37	Chikkodi	46	73.37	573.18	792.66	600	27.85	687.23	382.8	581	0	0

S.NO	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				•Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported duringthe year(MetricTonne)
			Landfillable	lncinerable	Recyclable	Utilizable	Landfillable	lncinerable	Recyclable	Utilizable		
38	Haveri	18	0	6.45	10	53.59	0	5.35	8.65	49.07	0	0
39	Gadag	14	0	12.01	99.55	0.0084	0	12.01	99.55	0.0084	0	0
40	Bagalakote	41	0	9.48	95.81	399663	0	7.21	73.43	1313.02	0	0
41	Tumkuru	89	574.731	3446.162	38706.017	0	97.258	1288.21	2238.582	0	0	0
42	Davanagere	37	153	12.22	215.93	0	10.921	0.34	100.09	0	0	0
43	Chitradurga	21	0	3.307	0.0655	31.304	0	1.14	0.275	26.755	0	0
44	Shivamoga	80	1860	37.1	132.78	138.78	4142.25	20.08	76.164	76.164	0	0
	Total	**3302**	**68278.26**	**84002.78672**	**350001.05**	**633132.32**	**36338.2058**	**21550.655**	**66718.425**	**190845.3**	**532.465**	**50.385**

Table 14(b): Karnataka- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S.No	Hazardous Waste	Hazardous Waste received from other Stale/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill				
2	For disposalat common Incinerator				
3	For recycling by Schedule IV recyclers	1. Tamilnadu	585	1. Vinayaka Lubricants No. 67, Sidco Industrial Estate, Salem Bye Pass Road, Karur 639006	84.5
				2. Madhya Pradesh	242.01

S.No	Hazardous Waste	Hazardous Waste received from other Stale/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
				3. Gujarath	460
				4. Chattisgarh	48
4	For uti11zatlon in co-processing (cement plants)	1. Andra & Telangana	31989.9		
5	For utilization under Rule 9 (other than co-processing)				

Table 14(c): Karnataka-Details on Hazardous Waste Recycled and Utilized

S.No	Name of the District (Regional Office Wise)	Recycling/ Utilization of hazardous waste(generated within the State/UT)				Recycling / Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Waste (MT)	Quantity Utilized (MT)			Quantity of wasteRecycled (listed underSchedule - IV Hazardous Waste(MT)	Quantity Utilized(MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(otherthancolumn15&16)		Co-processing in cement kiln	Under Rule9 Other than co-processing	Captive Utilization (other then column 19 &20)
		14	15	16	17	18	19	20	21
1	Anekal	5368.83	0	0	0	0	0	0	0
2	Bommanahalli	0	0	0	0	0	0	0	0
3	Sarjapur	0	0	0	0	0	0	0	0
4	R.R.Nagar	300.641	0	0	0	0	0	0	0
5	Ramanagara	4353	451.3	0	0	0	0	0	0
6	Bangalore city east	9.67	0	0	0	0	0	0	0

S.No	Name of the District (Regional Office Wise)	Recycling/ Utilization of hazardous waste(generated within the State/UT)				Recycling / Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Waste (MT)	Quantity Utilized (MT)			Quantity of wasteRecycled (listed underSchedule-IV Hazardous Waste(MT)	Quantity Utilized(MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(otherthancolumn15&16)		Co-processing in cement kiln	Under Rule9 Other than co-processing	Captive Utilization (other then column 19 &20)
		14	15	16	17	18	19	20	21
7	Bangalore city west	0	0	0	0	0	0	0	0
8	Bangalore city South	0	0	0	0	0	0	0	0
9	Bangalore Peenya	746	0	0	0	0	0	0	0
10	Yalahanka	0	0	0	0	0	0	0	0
11	Dasarahalli	1127.215	0	1127.215	0	0	0	0	0
12	Nelamangala	1527.88	0	1527.88	0	0	0	0	0
13	Doddaballapura	0	0	0	0	0	0	0	0
14	Mahadevpura	3438.14	0	0	0	0	0	0	0
15	Kolar	1809.36	0	0	0	0	0	0	0
16	Chikballapura	15.39	0	0	0.022	0	0	0	0
17	Hoskote	2389.78	0	0	0	0	0	0	0
18	Chamarajanagara	61.788	0	0	0	0	0	0	0
19	Hassan	1385.62	0	1385.62	0	585		585	
20	Mandya	275.73	0	0	0	0	0	0	0
21	Mysuru-1	2688.5341	0	0	0	0	0	0	0
22	Mysuru-2	7539.290072	2001.098	1653.9	0	0	0	0	0

S.No	Name of the District (Regional Office Wise)	Recycling/ Utilization of hazardous waste(generated within the State/UT)				Recycling / Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Waste (MT)	Quantity Utilized (MT)			Quantity of wasteRecycled (listed underSchedule-IV Hazardous Waste(MT)	Quantity Utilized(MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(otherthancolumn15&16)		Co-processing in cement kiln	Under Rule9 Other than co-processing	Captive Utilization (other then column 19 &20)
		14	15	16	17	18	19	20	21
23	Kodagu	6.03	0	0	0	0	0	0	0
24	Dakshina Kannada	890.18	921.81	0	665	0	0	0	0
25	Udupi	450	0	202	0	0	0	0	0
26	Karwar	0	0	0	0	0	0	0	0
27	Chikkmagaluru	0	0	0	0	0	0	0	0
28	Ballary	4512.625	1603	2320	167608	0	0	0	0
29	Koppal	49.07	0	0	0	0	0	0	0
30	Raichur	0	0	0	0	0	0	0	0
31	Kalaburagi	663	20000	0	0	0	31989.9	0	0
32	Bidar	0.2	650.025	0	0	0	0	0	0
33	Vijayapura	91.624	0	0	0	0	0	0	0
34	Yadagiri	3	0	0	0	0	0	0	0
35	Dharwad	1075.25	161.42	0	0	0	0	0	0
36	Belagavi	14939.538	0	0	13657.377	0	0	0	0
37	Chikkodi	0	0	0	0	0	0	0	0
38	Haveri	10	0	0	0	0	0	0	0
39	Gadag	0	0	0	0	0	0	0	0
40	Bagalakote	73.43	755.69	0	0	0	557.325	0	0
41	Tumkuru	0	0	0	0	0	0	0	0

S.No	Name of the District (Regional Office Wise)	Recycling/ Utilization of hazardous waste(generated within the State/UT)				Recycling / Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Waste (MT)	Quantity Utilized (MT)			Quantity of wasteRecycled (listed underSchedule-IV Hazardous Waste(MT)	Quantity Utilized(MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(otherthancolumn15&16)		Co-processing in cement kiln	Under Rule9 Other than co-processing	Captive Utilization (other then column 19 &20)
		14	15	16	17	18	19	20	21
42	Davanagere	0	0	0	0	0	0	0	0
43	Chitradurga	0.275	0	0	26.755	0	0	0	0
44	Shivamoga	72.35	0	1.536	0	0	0	0	0
	Total	**55423.444**	**26544.34**	**8218.151**	**181957.154**	**585**	**32547.22**	**585**	**0**

Table 14(d): Karnataka-Details on Hazardous Waste Disposed

S.NO	Name of the District (Regional Office Wise)	Disposal of hazardous waste(generated within the State/ UT]				Disposal of hazardous waste(receivedfromotherState/UT)			
		Quantity Disposed In Secured landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed In Secured landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Anekal	5309.84	0	2962.48	0	0	0	0	0
2	Bommanahalli	102.8	0	162.05	18.25	0	0	0	0
3	Sarjapur	85	2324	1150.35	231	0	0	0	0
4	R.R.Nagar	1150.96	0	63.9938	0	0	0	0	0
5	Ramanagara	352	0	1497	0	0	0	0	0
6	Bangalore city east	31.32	0	31.34	0	0	0	0	0

S.NO	Name of the District (Regional Office Wise)	Disposal of hazardous waste(generated within the State/ UT]				Disposal of hazardous waste(receivedfromotherState/UT)			
		Quantity Disposed ln Secured landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed ln Secured landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
7	Bangalore city west	64.8	0	186.5	0	0	0	0	0
8	Bangalore city South	110.25	0	680.25	0	0	0	0	0
9	Bangalore Peenya	583	0	275	0	0	0	0	0
10	Yalahanka	0	0	0	0	0	0	0	0
11	Dasarahalli	70.059	0	527.46434	0	0	0	0	0
12	Nelamangala	1696.66	0	2145.33	0	0	0	0	0
13	Doddaballapura	0	0	0	0	0	0	0	0
14	Mahadevpura	564.47	0	635.2	713.66	0	0	0	0
15	Kolar	2443.00	0	650	0	0	0	0	0
16	Chikballapura	179.2	0	18.77	0	0	0	0	0
17	Hoskote	510.4	0	1075.3	0	0	0	0	0
18	Chamarajanagara	0	0	2.267	0	0	0	0	0
19	Hassan	3033.75	0	48.17	0	0	0	0	0
20	Mandya	6.64	0	39.46	0	0	0	0	0
21	Mysuru-1	410.808	0	2101.9591	0	0	0	0	0
22	Mysuru-2	4134.3	0	292.055	0	0	0	0	0
23	Kodagu	0	0	0.1725	0	0	0	0	0
24	Dakshina Kannada	4469.45	24.00	184	0	0	0	0	0
25	Udupi	1302	46	255	0	0	0	0	0
26	Karwar	0	0	0	0	0	0	0	0
27	Chikkamgaluru	0	0	0	0	0	0	0	0
28	Ballary	406.32	0	451.65	790.2	0	0	0	0

S.NO	Name of the District (Regional Office Wise)	Disposal of hazardous waste(generated within the State/ UT]				Disposal of hazardous waste(receivedfromotherState/UT)			
		Quantity Disposed ln Secured landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed ln Secured landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
29	Koppal	0	0	5.35	0	0	0	0	0
30	Raichur	0	0	0	0	0	0	0	0
31	Kalaburagi	0	0	0	0	0	0	0	0
32	Bidar	924.803	0	0	0	0	0	0	0
33	Vijayapura	0	0	0	0	0	0	0	0
34	Yadagiri	0	0	0	0	0	0	0	0
35	Dharwad	247.81	0	346.944	0	0	0	0	0
36	Belagavi	14939.5	0	0	13657.377	0	0	0	0
37	Chikkodi	0	0	0	0	0	0	0	0
38	Haveri	0	0	5.35	0	0	0	0	0
39	Gadag	0	0	0	0	0	0	0	0
40	Bagalakote	0	0	0	7.21	0	0	0	0
41	Tumkuru	72.28	0	1267.006	0	0	0	0	0
42	Davanagere	0	0	0	0	0	0	0	0
43	Chitradurga	0	0	0	0	0	0	0	0
44	Shivamoga	4142.25	0	0	0	0	0	0	0
	Total	**47343.7**	**2394**	**17060.408**	**15417.697**	**0**	**0**	**0**	**0**

Table 14(e): Karnataka-Details on Hazardous Waste Stored at Occupier Premises

S.No	Name of the District (Regional Office Wise)	Total Quantity of HW stored at Occupier premises at the beginningofthe Financial year i.e.01.04.2017 (MT)				TotalQuantityofHWstoredat Occupierpremisesduringthefinancialyeari.e. 1st April to 31st March 2018(MT)			
		Landfillable	lncinerable	Recyclable	Utilizable	Landfillable	Lncinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Anekal	1082.31	1825.15	697.36	0	64.375	38.026	14.296	0
2	Bommanahalli	8	15.2	20	0	102.8	180.3	257.6	0
3	Sarjapur	6	262	124.1	0	85	1150.35	1180.62	0
4	R.R.Nagar	119.306	1.16805	41.166	0	158.999	5.7827	44.796	0
5	Ramanagara	98	316	338	0	138	694	396	0
6	Bangalore city east	16	0	0	0	6	0	0	0
7	Bangalore city west	0	0	0	0	0	0	0	0
8	Bangalore city South	1	0.25	3.75	0	1.5	0.05	5.11	0
9	Bangalore Peenya	27.52	14.43	43.16	0	64.52	13.43	44.16	0
10	Yalahanka	0.68	7.68	753.5	0	0.32	3.21	0.25	0
11	Dasarahalli	0	0	0	0	1.9762	4.54	19.631	0
12	Nelamangala	180.78	50.5	25	0	160	64.3	44.87	0
13	Doddaballapura	94.98	2.741	0	0	112.971	9.672	16.262.	0
14	Mahadevpura	114.68	86.95	33.48	0	54.68	56.95	53.55	0
15	Kolar	144.3	156	2133.5	0	211.3	175	1005.25	0
16	Chikballapura	9.13	4.05	0.85	0	9.89	19.26	3.76	0
17	Hoskote	0	0	0	0	0	0	0	0
18	Chamarajanagara	0	0	0	0	0	0	0	0
19	Hassan	0	0	0	0	60.6	0	472.23	0

S.No	Name of the District (Regional Office Wise)	Total Quantity of HW stored at Occupier premises at the beginningofthe Financial year i.e.01.04.2017 (MT)				TotalQuantityofHWstoredat Occupierpremisesduringthefinancialyeari.e. 1st April to 31st March 2018(MT)			
		Landfillable	lncinerable	Recyclable	Utilizable	Landfillable	Lncinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
20	Mandya	4.4	41.34	30.07	0	1.503	29.74	9.495	0
21	Mysuru-1	79.157	371.32145	518.804115	0	75.2568	0.2974	558.6046	0
22	Mysuru-2	29.557	24.6431	42.10556	9.01825	27.674	42.1099	34.2667	46.34825
23	Kodagu	0	0.25225	1.1241	0	0.01	0.84575	14.7066	0
24	Dakshina Kannada	0	0	221	5035	0	0	207	5220
25	Udupi	188	22	5	0	1446	269	48	202
26	Karwar	0	0	0	0	0	0	0	0
27	Chikkmagaluru	0	0	0	0	0	0	0.2	0
28	Ballary	0	0	0	0	0	0	0	0
29	Koppal	0	0	0	0	0	0	0	0
30	Raichur	1.784	0	0	0	0	0	0	0
31	Kalaburagi	0	0	8.63	0	0	0	8.63	0
32	Bidar	32.974	0	-	0	32.974	0	0	0
33	Vijayapura	0	0	0.18	0	0	0	0.18	0
34	Yadagiri	0	0	1.5	0	0	0	1.5	0
35	Dharwad	0	0	0	0	2.7	276.124	911.75	0
36	Belagavi	22.0747	24.999	1493.9538	1365.74	0	0	0	0
37	Chikkodi	0	0	0	0	0	0	0	0
38	Haveri	0	0	1.1	0	0	0	5.35	0
39	Gadag	0	0	0	0	0	0	0	0
40	Bagalakote	0	135.39	0	0	0	1897.64	0	0
41	Tumkuru	0	0	0	0	0.09	42.391	160.239	0
42	Davanagere	0	0	0	0	0	0	0	0

S.No	Name of the District (Regional Office Wise)	Total Quantity of HW stored at Occupier premises at the beginningofthe Financial year i.e.01.04.2017 (MT)				TotalQuantityofHWstoredat Occupierpremisesduringthefinancialyeari.e. 1st April to 31st March 2018(MT)			
		Landfillable	lncinerable	Recyclable	Utilizable	Landfillable	Lncinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
43	Chitradurga	0	0.5	0.05	15.06	0	0.8	0.1	18.52
44	Shivamoga	5.215	32.57	1.124	14.5	319	20.08	8.465	8.465
	Total	**2265.84**	**3395.13**	**6538.51**	**6439.32**	**3138.14**	**4993.90**	**5510.61**	**5494.91**

Table 14(f): Karnatka-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.NO	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized / Co-processed (MT) during the year
A	Commonly Recyclable HW			
1	Brass Dross	1	50	141
2	**Zinc Bearing Wastes**	4	2606	639
3	Copper Bearing Waste	6	15374	5807.09
4	Spent catalyst containing nickel, cadmium, Zinc, copper,arsenic, vanadium and cobalt	1	520	0
5	Lead bearing waste including battery waste	27	295083.7	79750.627
6	E-Waste	24	33422.846	3864.2242
7	Paint and ink Sludoe/residues			
8	Used oil	25	98656.5	19218.395
9	Waste oil	12	72310	2847.47
	Total	100	518023.046	112267.8062
B	Utilization of HW under Rule 9			

S.NO	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized / Co-processed (MT) during the year
1	Recovery of solvents from spent solvents	14	89612	20505.206
2	De- Contamination of contaminated drums/containers/barrels	14	12434.5	4307.93
3	Utilization of Aluminium dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metak	2	1600	18.334
4	Utilization of spent fixer (hypo) solution generated from photography/X-rays films to recover Silver metal	1	31.2	0
5	Utilization of spent acid containg molybdenum compound generated from bulb flament manufacturing industries for manufactiring of Ammonlum Molybdate	1	324	35.91
6	Utilization of Tunsten scrap generated from metal cuttong operation (Using Tungsten carbide insert), mining tool buttons and worn out drills for manufacturing Tungsten carbide powder	1	300	0
7	Asbestos containing residues and Dust/Particulets from exhaust gas treatment	1	10.07	10.07
8	Utilization of Spent activated carbon for manufacture of coconut shell charcoal	1	450	202
9	Utlization Printed Circtue Board	1	312	189.631
	Total	**36**	**105073.77**	**25269.081**
C	**Co-processing In Cement Plants**	**7**	**491208.708**	**54479.3**

Table 14(g): Karnataka-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
1	M/s Sri Lakshmi Refineries Industries, No. IP- 34, Kudumalakunte, KIADB Idustrial Area, Gowribidanur (T), Chikkaballapura (D).	Used oil	7352.5	865.71
2	M/s Sri Lakshmi Refineries Industries, No. IP- 34, Kudumalakunte, KIADB Idustrial Area, Gowribidanur (T), Chikkaballapura (D).	Waste Oil		
3	M/s Century Refiners, No. 17I & 17J, KIADB Industrila Area, Hoskote Taluk, Bengaluru Rural district	Used Oil	10992	1594
4	M/s Century Refiners, No. 17I & 17J, KIADB Industrila Area, Hoskote Taluk, Bengaluru Rural district	Waste Oil	10992	0
5	M/s Khawja Petroleium Pvt Ltd., Industries, Plot No. 3, Bangarpet Industrial Area, Bangarpet Taluk Kolar District.	Used oil	1200	57
6	M/s Khawja Petroleium Pvt Ltd., Industries, Plot No. 3, Bangarpet Industrial Area, Bangarpet Taluk Kolar District.	Waste Oil		
7	M/s. Arun Industries, B-64, III Stage, PIE, Bangalore-58	Used oil	360	344.65
8	M/s. Special Oils, Sy No: 202/2, Kuruvunakoppa Village, Kalaghatagi-Tq, Dharwad District	Used oil	700	81.3

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
9	M/s Shantadurga Petro Chemicals, Sy. No. 701 Shedegali post Mantulaga Tal: Khanapur Dist: Belagavi	Used oil	500	180
10	M/s Nandi Innorganics, Maradi-Shivapur, Gokak-Taluk, Belagavi-District.	Used oil	600	581
11	M/s H.N.Petrochem, Kalaburagi	Used oil	3600	0
12	M/s K.M.Oils Kalaburagi	Used oil	3600	613
13	M/s K.M.Oils Kalaburagi	Waste Oil	5000	
14	M/s. Balaji Entrprises, Plot No. 33, KIADB, Aliyabad Industrial Area, Vijayapur	Used oil	5400	91.22
15	M/s. Balaji Entrprises, Plot No. 33, KIADB, Aliyabad Industrial Area, Vijayapur	Waste Oil	5400	
16	M/s. Mahalakshmi Industries Plot No. 218 KIADB Industrial Area, Vasanthnarasapura Tumkur	Waste Oil	1800	403.162
17	M/s. Mahalakshmi Industries Plot No. 218 KIADB Industrial Area, Vasanthnarasapura Tumkur	Used Oil	1800	
18	M/s. Nakoda Petro Chemicals Plot No.8, KIADB Indl. Area, Satyamangala. Sathyamangala Tumkur	Waste Oil	1800	0
19	M/s.VBS Petro chemicals HIA, Tumkur Hirahalli Tumkur	Waste Oil	19980	
20	M/s.VBS Petro chemicals HIA, Tumkur Hirahalli Tumkur	Used Oil	8400	

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
21	M/s.A.S. Refinery Pl. No. 97-B, VIA, Tumkur Tumkur	Waste Oil	5004	413.308
22	M/s.A.S. Refinery Pl. No. 97-B, VIA, Tumkur Tumkur	Used Oil	5004	
23	M/s.FA Refineries Plot No. 92A, 1st Phase, Vasanthnarasapura, KIADB Industrial Area, Tumkur	Waste Oil	5004	0
24	M/s.FA Refineries Plot No. 92A, 1st Phase, Vasanthnarasapura, KIADB Industrial Area, Tumkur	Used Oil	5004	0
25	M/s.Balaji Industries, Plot No.20/A, KIADB Indl. Area, Machenahalli, Shivamogga- 577 222.	Used Oil	1200	73.955
26	M/s Jonas Petro Products Private Limited, Plot No. 277, Baikampady Industrial Area, Mangalore-	Waste Oil	12000	1418
27	M/s Merlyn hydrocarbons pvt ltd, plot no 366, Kiadb industrial growth centre , hassan	Used Oil	7200	985.91
28	M/s Merlyn hydrocarbons, plot no 367, Kiadb industrial growth centre , hassan	Used Oil	4500	401.4
29	M/s. S.M.Enterprises, No.4911, M.C.Road, Beside Fire Station, Mandya	Used Oil	4200	722.04

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
30	M/s Sampath Refinery Pvt. Ltd,Plot No.64A-65D, Tubinakere, Mandya	Used Oil	3600	204
31	M/s Sampath Refinery Pvt. Ltd,Plot No.64A-65D, Tubinakere, Mandya	Waste Oil	3600	0
32	M/s Mandya Refineries, Plot No. 59, Part - IIA, Phase, Tubinakere, Mandya.	Used Oil	7200	0
33	M/s Mandya Refineries, Plot No. 59, Part - IIA, Phase, Tubinakere, Mandya.	Waste Oil	3600	0
34	M/s SB Refinaries, Plot No. 81, Bommasandra - Jigani Link Road Industrial Area, 4th Phase, Anekal Taluk, Bangalore Urban District- 560 099	Used Oil	3600	2880
35	M/s Ganapathy Refineries Pvt Ltd., Shed No.9, & 10 , Dr B. R. Ambedkar Indl Estate, 2nd Cross, KSSIDC, Jigani Indl Area, 1st Phase, Jigani, Anekal Taluk, Bangalore .	Used Oil	2244	49.98
36	M/s Bharani Refineries, Plot No.324/P, 2nd Phase, Harohalli Indl Area, Harohalli, Kanakapura Tq, Ramanagara Dist.	Used Oil	3600	638
37	M/s Alfa Refineries, Plot No.310-H, II Phase, KIADB Indl Area, Kanakapura Tq, Ramanagara Dist.	Used Oil	5000	410
38	M/s Coral Waters, No. 08, KIADB Industrila Area, Hoskote Taluk, Bengaluru Rural district	E-waste	1440	345

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
39	M/s Ash Recyclers, Shed No. 03, Hoskote Industrial Estate, Bengaluru Rural district	E-waste	120	0
40	M/s Cerebra Integrated Technologies Limited Sy. No. Parts of 22 and 23, Appasandra Village, Narasapura Industrial Area, Narasapura Hobli, Kolar Taluk & District.	E-waste	2076	24.26
41	M/s. 4R Recycling Pvt. Ltd., Shed No. A5, 3rd Stage, PIE, Bengaluru	E-waste	600	309
42	M/s. ER3 Solutions, C430/1, 1st Stage, PIE, Bengaluru	E-waste	290	40
43	M/s. E-Hasiru, No. 168/B, 1st Floor, 7th Main Road, 3rd Phase, PIA, Bengaluru	E-waste	300	0.0912
44	M/s. Prakruthi Recyclin Pvt. Ltd., Sy.No. 22, Plot No. 103, 5th Block, SSI Area, Rajajinagara Bengaluru	E-waste	150	56.14
45	M/s.E-Pragathi recycling No. 18, 2nd phase, Antharasanhalli Industrial Area, Tumkur	E-waste	300	254.45
46	M/s Newtek Recyclers, No 124,Byreveshwara Industrial Estate, Andhrahalli Main Road, Peenya 2nd stage, Bangalore 560 091	E-waste	300	99
47	M/s Vans chemistry, Plot No. 94/5, Shed No.13R14, SRR Layout, Kannalli village, Bangalore -5600941	E-waste	720	0

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
48	M/s E-Scrapy Recyclers, No. 106, Adrahalli main road, Byreshwara industrial area, Peenya 2nd stage, Bangalore-58	E-waste	720	115
49	M/s I Seven, # 9/4, Kachohalli Industrial Estate, Kachohalli, Near Saibaba Temple, Laxmipura Post, Bengaluru-562123	E-waste	300	34
50	M/s Tes-amm India PVT LTD No.118/8,mookambika temple road,machohalli forest gate,magadi main road, Bangalore	E-waste	1440	488
51	M/s Rashi E-waste., No.52/170 & 171, 6th Cross, Aziz Sait Industrial Town, Nayandahlli Post, Bangalore-560039.	E-waste	300	0
52	M/s JSA Web Solutions, No.3, DITPL, ,KIADB Indl Area, Apparel Park, IInd phase, Doddaballapura, Bangalore Rural District	E-waste	436.8	0
53	M/s SA E-waste Recyclers b 4, KSSIDC industrial Estate, Yellupura Village, Doddaballapura Taluk, Bangalore Rural District	E-waste	360	0
54	M/s Thrishiraya Recycling Pvt Ltd, Shed No.10, SW-51, Apperel park, Phase-II, DITPL, Doddaballapura Taluk, Bangalore Rural	E-waste	900	0
55	M/s. Sonal Metacrop, No. 5, 5/1, Kachohalli, Lakshmipura Post, Bengaluru	E-waste	720	0

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
56	M/sPremier Comprint, No. 33.3, Abbigere, Ppeline Road, Hanumanthayaih Inustrial Compound, Near Lakshimi Temple, Bengaluru	E-waste	300	0.56
57	M/s E-parisara Pvt Ltd, Plot no.30p3 KIADB Daspet, indl area, Nelamangala Taluk, Bangalore Rural District-562111	E-waste	8820	1562.4
58	M/s Earth Sense Recycle Private Limited, Industrial Plot No. SPL14, Jigani 2nd Stage, Jigani Village, Jigani Hobli, Anekal Taluk, Bangalore	E-waste	300	24.32
59	M/s E-Green Recycling, Plot No. 86-B, Jigani 1st Phase, Industrial Area, Anekal Taluk, Bangalore	E-waste	500	0
60	M/s K.G Nandini Enterprises, Sy. No. 46/4, Bilakempanahalli, Bidadi Hobli, Ramanagara Tq & Dist.	E-waste	7200	580
61	M/s Eco Globe E waste Recyclers, Plot No.87, Bidadi Industrial, Bidadi Hobli, Ramanagara Taluk and District	E-waste	330	277
62	M/s Chloride Metals Limited Sy.No.60/1 &2 , Seethanayakanahalli, Malur- Hosur Road, Lakkur Hobli, Malur Taluk, Kolar District,	Lead bearing waste including battery waste	96000	28039
63	M/s Jayvel Enterprises Plot No. 26A, KIADB Industrial Area Malur Taluk, Kolar District,	Lead bearing waste including battery waste	6000	1062

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
64	M/s Sandeep Lead Alloys India Private Limited Plot No.19 KIADB Industrial Area Ist Phase, Malur Taluk, Kolar District,	Lead bearing waste including battery waste	18000	500
65	M/s Creasent Smelting Alloys & E-waste management Plot No: 107, Part- 1, 4th Phase, Malur KIADB Industrial Area, Kolar District.	Lead bearing waste including battery waste	6000	75
66	M/s Ganapathi Enterprises Plot No. 11, 1st Phase, Malur Industrial Area, Malur Taluk, Kolar District	Lead bearing waste including battery waste	3600	50
67	M/s Enviro Green Alloys Inc. Plot No. 32, KIADB Industrial Area, 1st Phase, Malur Taluk, Kolar District.	Lead bearing waste including battery waste	7200	820
68	M/s Selvam Metals & Alloys Plot No : 37, 2nd Cross, 2nd Phase, KIADB Industrial Area, Malur Taluk, Kolar District	Lead bearing waste including battery waste	264	25
69	M/s Maharanjini Metal Mart Plot No.81,3rd Cross, 2nd Phase, Malur Industrial Area, Malur Taluk, Kolar District,	Lead bearing waste including battery waste	29.7	0
70	M/s. Mekala Metal Works, No. B, 152, 2nd Stage, PIA, Bengaluru-560058	Lead bearing waste including battery waste	3000	1925.2
71	M/s.Chandana Industries Plot No.174/B, KIADB Industrial Area, Vasanthanarasapura, Kora Hobli, Tumkur	Lead bearing waste including battery waste	6000	6000

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
72	M/s.Shivam Enterprises Plot No.22-A, KIADB Industrial Area, Vasanthanarasapura, Kora Hobli, Tumkur	Lead bearing waste including battery waste	6600	6400
73	M/s.S R Metal Mart Plot No.126-A, KIADB Industrial Area, Vasanthanarasapura, Kora Hobli, Tumkur	Lead bearing waste including battery waste	6000	5600
74	M/s.Sapthagiri Metal Refinary, Plot Np.37, KIADB, Indl. Area, Mandli, Shivamogga, MandliKallur Industrial Area, Shivamogga-577201.	Lead bearing waste including battery waste	850	0
75	M/s.Anupama Industries, Plot No.62-P, KIADB Industrial Area, Machenahalli, Shivamogga District.-577 222.	Lead bearing waste including battery waste	9600	0
76	M/s. SR Smelters Plot No. C-53, KIADB Industrial Area, 1st Stage, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District	Lead bearing waste including battery waste	6000	414.75
77	M/s Eswari Global Metal Industries Pvt. Ltd., Unit-I. No. 101 A & B, Baikampady Industrial Area, Mangaluru	Lead bearing waste including battery waste	40000	22000
78	M/s. Eshwari Metal Industries Unit-II Plot No. 96 & 97, Baikampady Industrial Area, Mangalore-575011	Lead bearing waste including battery waste	5000	1987.697
79	M/s Sri Chamundi Metal Works, Plot No. 33/A-1, Bannimantap Industrial Area, Mysuru	Lead bearing waste including battery waste	240	40.43

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
80	M/s Maha Guru Resources, Plot No. 132, Bommasandra Jigani Link Road, Sy No. 25, Part, Bandenallasandra Village, Jigani Hobli, Bangalore	Lead bearing waste including battery waste	2800	85.93
81	M/s Sri Ponni Industries, Plot No. 24, 4th Phase, Bommasandra Industrial Area, Anekal Taluk, Bangalore Urban District-560 099	Lead bearing waste including battery waste	5000	72.8
82	M/s Chetan Industries., Shed No. D-8, KSSIDC Industrial Estate, Jigani , Bangalore	Lead bearing waste including battery waste	2500	1975
83	M/s Microlite Industries, Plot No. 98/Q, Jigani Industrial Area, 2nd Phase, Sy No. 113 & 114, Jigani Hobli, Anekal Taluk, Bengaluru - 562 106	Lead bearing waste including battery waste	18000	305.12
84	M/s Veera Narayana Metal Industries Pvt Ltd., Sy.No.81/2, Badrapura, Lakkenahalli Village, Solur (H), Magadi Tq, Ramanagara Dist.	Lead bearing waste including battery waste	18000	2082
85	M/s Sri Shirdi Sai Baba Traders, Plot No.252, Harohalli Industrial Area, II Phase, Harohalli Hobli, Kanakapura Taluk, Ramanagara District	Lead bearing waste including battery waste	2100	115
86	M/s Shiva Enterprises, Plot No.311-A, Bankuppe Road, 2nd Phase, Harohalli Indl Area, Kanakapura Tq, Ramanagara Dist.	Lead bearing waste including battery waste	3000	159.7

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
87	M/s Sree Ponni Lead Alloy Pvt ltd., Plot No 32/A, Phase 1, Harohalli Indl Area, Kanakapura Tq, Ramanagara Dist	Lead bearing waste including battery waste	15000	17
88	M/s Durga Metal Industries, Plot No.325Q1, II Phase, KIADB Industrial Area, Kanakapura Tq, Ramanagara Dist.	Lead bearing waste including battery waste	8300	0
89	M/s Supraveni Chemicals Pvt. Ltd., Plot No. 8C1, 8C2, 2nd Cross, KIADB Industrial Area, Kadugodi, Off Whitefield Road, Bengaluru 560 067	Spent catalyst containing nickel, cadmium, Zinc, copper,arsenic, vanadium and cobalt	520	0
90	M/s Karnataka Agro Chemicals Pvt. Ltd., Plot No. 93, KIADB Industrila Area, Hoskote Taluk, Bengaluru Rural district	Copper Bearing Waste	3168	0
91	M/s. Sri Varu Acid and Chemicals, No. 134, 3rd Phase, Peenya Industrial Area, Bengaluru-560058.	Copper Bearing Waste	3600	2429.74
92	M/s. Sri Nandi Chimicals, Plot No.28, 3rd Cross, 2nd Phase, Antharasanahalli Industrial area Tumkur	Copper Bearing Waste	2510	1640
93	M/s Shree Suchem Industry, Plot No.4C-2, Somanahalli Indl. Area, Maddur Taluk, Mandya	Copper Bearing Waste	3456	72.85
94	M/s Global Rasayan, Plot No. 176, Hebbal Industrial Area, Mysuru	Copper Bearing Waste	600	572.5

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
95	M/s Metcorp, Plot No.172, Harohalli Industrial Area, I Phase, Kanakapura Taluk, Ramanagara District	Copper Bearing Waste	1640	761
96	M/s Suraj Chemicals Plot No. 318-C, 3rd Phase, Malur Industrial Area, Malur Taluk, Kolar District	Zinc Bearing Wastes	1080	450
97	M/s. Multiplex Agricare Pvt Ltd., No. 454, 4th Phase, Peenya Industrial Area, Bengaluru-560 058	Zinc Bearing Wastes	566	189
98	M/s Himalaya Oxides(P) Ltd, Plot No. 231a, Hebbal Industrial Area, Mysuru	Zinc Bearing Wastes	960	0
99	M/s Metcorp, Plot No.172, Harohalli Industrial Area, I Phase, Kanakapura Taluk, Ramanagara District	Zinc Bearing Wastes	400	331
100	M/s Metcorp, Plot No.172, Harohalli Industrial Area, I Phase, Kanakapura Taluk, Ramanagara District	Brass Dross	50	141
101	M/s Ind Pure Chem, No. 08, KIADB Industrila Area, Hoskote Taluk, Bengaluru Rural district	Recovery of solvents from spent solvents	4873	3000
102	M/s Bhavana Agencies, No. 58 C4, KIADB Industrila Area, Hoskote Taluk, Bengaluru Rural district	Recovery of solvents from spent solvents	31230	3480

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
103	M/s Supraveni Chemicals Pvt. Ltd., Plot No. 8C1, 8C2, 2nd Cross, KIADB Industrial Area, Kadugodi, Off Whitefield Road, Bengaluru 560 067	Recovery of solvents from spent solvents	36	0
104	M/s Banashankari Chemicals Private Limited, Plot no. 200- 203, KIADB Industrial Area , Malur Taluk, Kolar District,	Recovery of solvents from spent solvents	9000	6000
105	M/s Banashankari Industries Private Limited, Plot No. 197, KAIDB Industrial Area, Malur 3rd Phase, Kolar District	Recovery of solvents from spent solvents	3000	2500
106	M/s. Shalini Enterprises, No. A6, 3rd Stage, Peenya Industrial Area, Bengaluru-560 058.	Recovery of solvents from spent solvents	12000	37.8
107	M/s. Associated Chemicals & Engineering Company No.301, IV Phase, Peenya Industrial Area Bengaluru 560 058	Recovery of solvents from spent solvents	3800	155
108	M/s Sri Sai Industries, Plot No.12-D, KIADB Indl. Area, Somanahally -571428, Madduar Taluk, Mandya	Recovery of solvents from spent solvents	2500	0
109	M/s Sathya Fuel Chemtech (SFC), Plot No. 60, No. 184, Bandenallasandra Jigani Link Road, Bangalore	Recovery of solvents from spent solvents	6000	101.95

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
110	M/s Sathya Industries, No.142/145,Jigani Industrial Area, Dr. B.R Ambedkar Industrial Estate, 1st Phase, Bangalore	Recovery of solvents from spent solvents	9000	445.726
111	M/s Shine Chemical Industries, No.SP-165, J.I.E, Jigani, B'lore	Recovery of solvents from spent solvents	1314	1296
112	M/s Panchamukhi Pharma Chem, Plot No.94 & 97, I Phase, KIADB Industrial Area, Harohalli, Kanakapura Taluk, Ramanagara District	Recovery of solvents from spent solvents	3600	1940
113	M/s Sonia Industries, D-15, Kssidc Industrial Estate, Kumbalagodu, Bangalore 560074.	Recovery of solvents from spent solvents	1800	45.607
114	M/s. Gomti Resins & Polymers Pvt Ltd, No.B36/B38, KSSIDC Industrial Area, Kumbalgodu, Mysore Road, Bangalore South	Recovery of solvents from spent solvents	3000	1503.123
115	M/s. Gomti Resins & Polymers Pvt Ltd, No.B36/B38, KSSIDC Industrial Area, Kumbalgodu, Mysore Road, Bangalore South	Utilization of Tunsten scrap generated from metal cuttong operation (Using Tungsten carbide insert), mining tool buttons and worn out drills for manufacturing Tungsten carbide powder	300	
116	M/s Shariff Enterprises, No. 80/1, Chokkahalli Village, Jagamankote Main Road, Hoskote Taluk, Bengaluru rural district	De-contamination of contaminated drums/containers/ barrels	25.2	18.27

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
117	M/s. Shalini Enterprises, No. A6, 3rd Stage, Peenya Industrial Area, Bengaluru-560 058.	De-contamination of contaminated drums/containers/ barrels	384	369
118	M/s Karnataka Traders, Plot No. 23/A, karnad Industrial Area, Mulki,Mangaluru Taluk, D.K District.	De-contamination of contaminated drums/containers/ barrels	368	43
119	M/s Falcon Impex Corporation, Plot No. 10A/9A & 9B, KIADB Industrial Area, Mangalore, D.K District	De-contamination of contaminated drums/containers/ barrels	100.8	5.2
120	M/s Haji U. Hasanabba & Sons, Plot No. 89 & 90,Baikampady Industrial Area, Mangaluru, D.K District -575011	De-contamination of contaminated drums/containers/ barrels	84	31.703
121	M/s Moogambigai Metal Refineries (Unit-2),(Plastic Division),Plot No. 124 A,Industrial Area, Baikampady,Mangaluru-575 011	De-contamination of contaminated drums/containers/ barrels	5400	959.22
122	M/s SMZ Industries, Unit-II, Shed No. C-202, KSSIDC Industrial Estate, Mysore	De-contamination of contaminated drums/containers/ barrels	420	0
123	M/s Shobith Industries No: B-4, KSSIDC Industrial Estate, Nanjangud, Mysore	De-contamination of contaminated drums/containers/ barrels	1020	329.55
124	M/s New kanimar Enterprises, Jigani Indl Area, 1st Phase, Jigni,Anekal Tq, B'lore	De-contamination of contaminated drums/containers/ barrels	1582.5	921.7

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
125	M/s NV Trading Company, Plot No. 302, Bommasandra - Jigani Link Road Industrial Area, 4th Phase, Anekal Taluk, Bangalore Urban District- 560 099	De-contamination of contaminated drums/containers/ barrels	150	66.86
126	M/s Roshan Enterprises, ; Pl.No.87-F(P), Jigani Industrial Area, 1st phase, Sy.No., Part of 128 & 127, Jigani Hobli, AnekalTw, B'lore.	De-contamination of contaminated drums/containers/ barrels	540	15.43
127	M/s Hajira Enterprises, Plot No.324-T, KIADB Indl Area, Harohalli, Kanakapura Tq, Ramanagara Dist.	De-contamination of contaminated drums/containers/ barrels	1250	1195
128	M/s SA Traders, Plot No.325-L, Harohalli Indl Area, Kanakapura Tq, Ramanagara Dist.	De-contamination of contaminated drums/containers/ barrels	360	353
129	M/s V.J. Traders, Plot No.239-C, Harohalli Indl Area, Kanakapura Tq, Ramanagara Dist.	De-contamination of contaminated drums/containers/ barrels	750	0
130	M/s NS Foundry, Mysore	Utilization of Aluminium dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metak	100	18.334
131	M/s Metcorp, Plot No.172, Harohalli Industrial Area, I Phase, Kanakapura Taluk, Ramanagara District	Utilization of Aluminium dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metak	1500	0

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
132	M/s. Srikara Enterprises, No.22, KSSIDC Industrial Area, Veerapura Post, Doddaballapura, Bengaluru Rural District – 561 203	Utilization of Spent fixer (hypo) solution generated from Photography / X-rays films lo recover Silvermetal	31.2	0
133	M/s Top Note aromatics, Plot No. 97, KRS Road, Mysuru	Utilization of spent acid containg molybdenum compound generated from bulb flament manufacturing industries for manufactiring of Ammonlum Molybdate	324	35.91
134	M/s. Ramco Industries Ltd, Karur Village, Ranebennur- Tq., Haveri- Dist.	Asbestos containing residues and Dust/Particulets from exhaust gas treatment	10.07	10.07
135	M/s Mahalakshmi Fertilizers & Chemicals, Shivally Industrial area, Manipal	Utilization of Spent activated carbon for manufacture of coconut shell charcoal	450	202
136	M/s RPN industries, No.B2, KSSIDC Industrial Area, Mysore Road, Kumbalgodu, Bangalore.	Utlization Printed Circtue Board	312	189.631
137	M/s Dalmia Cement (Bharat) Ltd, Yadwad, Gokak Taluk, Belagavi District.	Co-processing In Cement Plants	20500	1176.38
138	M/s JK Cement Works, Village- Muddapur, Taluka- Mudhol, District- Bagalkot (Karnataka)-587122	Co-processing In Cement Plants	399663	1313.02

S.NO	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling/ Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/Co-processed (MT)
139	M/s Rajashree Cement Ltd., Malkhed Villge, Tq: Sedam, Dist: Kalaburagi	Co-processing In Cement Plants	71045.708	51989.9
140	M/s Vasavadatta Cements Pvt. Ltd., Sedam, Dist: Kalaburagi	Co-processing In Cement Plants		
141	M/s Chettinadu Cements Pvt. Ltd. Kallur village, Tq: Chincholi, Dist: Kalaburagi	Co-processing In Cement Plants		
142	M/s Kalaburagi Cements Ltd. Chatrasala Village, Tq: Chincholi, Dist: Kalaburagi	Co-processing In Cement Plants		
143	M/s ACC Cements, Wadi, Tq: Chithapur, Dist: Kalaburagi	Co-processing In Cement Plants		

Table 14(h): Karnataka-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in stock at the beginning of the year (MT)		* Quantity ofHazardousWasteReceived(MT)			Quantity of Hazardous Waste Disposed(MT)			Quantity processed for utilization(MT)	Quantity in stock at the end of the year(MT)		Cumulative HWdisposedIn SLF bytheend of financialyear [MT]	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For incineration	Quantity Landfilled directly	For Landfill after treatment	Quantity incinerated		Landfillable	Incinerable		incinerator (KCal)	incinerator (T/H)	Landfill (MT/A)
1	Mother Earth Environ Tech Pvt. Ltd, Plot No.217, Harohalli Indl. Area, 2nd Phase, Kanakapura Tq, Ramanagara Dist.	30	0	2925.78	30234.4	0	2925.78	31281.76	0	0	0	0	38237.536	0	0	95000
2	E Nano Incintech, Plot	0	17	0	0	1119.6	0	0	1116.6	0	0	20	0	0	0.5	0

S.No	Name and Address of the TSDF	Quantity in stock at the beginning of the year (MT)		* Quantity ofHazardousWasteReceived(MT)			Quantity of Hazardous Waste Disposed(MT)			Quantity processed for utilization(MT)	Quantity in stock at the end of the year(MT)		Cumulative HWdisposedIn SLF bytheend of financialyear [MT]	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For incineration	Quantity Landfilled directly	For Landfill after treatment	Quantity incinerated		Landfillable	Incinerable		incinerator (KCal)	incinerator (T/H)	Landfill (MT/A)
	No.242/B, 2nd Phase, Harohalli Indl Area, Kanakapura Tq, Ramanagara Dist.															
3	Haat Incienrators (India) Private Limited, No:35 B&C, Jigani Industrial Area, Anekal, Bangalore Urban - 562106	38.017	39.975	0	81.567	550.822	0	63.72	514.097	0	55.866	76.7	4317.908	1500000	0.3	0
4	M/s. Gomti Incinco, No.3 B-2, 1st Phase, KIADB Industrial Area, Kumbalgodu, Mysuru Road, Bengaluru-560074	15.6	37.758	0	30.33	891.106	0	38.94	883	0	6.99	43.873	0	2500	0.2	0
Total		**83.617**	**94.733**	**2925.77**	**30346.29**	**2561.52**	**2925.77**	**31384.42**	**2513.69**	**0**	**62.856**	**140.57**	**42555.44**	**1502500**	**1**	**95000**

Table 14(i): Karnataka-Details of Hazardous waste disposed in Captive TSDF(s)

S.No.	Name and Address of Captive facility	Type or facility (landfillable / incinerable / both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Landfillable (T/H)	Incinerable (MT/A)		
1	3M India Limited No.48-51, Electronic City, Hosur Road, Bangalore-100.	Incinerable (In house)	0	18.25	18.25	18.25
2	Biocon LimitedSurvey Nos. 46/1, 46/2, 46/3, 43/6A, 47/3A, 47/1 & 47/2,20th K.M., Hebbagodi, Anekal Taluk, Bangalore Urban District	Incinerable (In house)	2321	183.5	2504.5	2504.5
3	Sabic Research & Technology Centre Pvt Ltd Sy No. 81/1,2,3,4…….. , Chikkadunnasandra Village, Bangalore Urban District	Incinerable (In house)	3	48	51	51
	Total		**2324**	**249.75**	**2573.75**	**2573.75**

15.
KERALA
(Hazardous waste generation and its Management)

Table 16(a): Kerala -District-wise details on Hazardous Waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Trivandrum	34	2537.02	0	10.5	**0**	2400.18	0	7.2	0	0	0
2	Kollam	53	18750	0	97.024	**0**	18750	0	97.024	0	0	0
3	Pathanamthitta	14	0	0	43530.18	**0**	0	0	43530.18	0	0	0
4	Alappuzba	82	303.69	0	176.06	**0**	303.69	0	176.06	0	0	0
5	Kottayam	39	0	0	702.3	**0**	0	0	702.3	0	0	0
6	Idukki	44	0	0	118.98	**0**	0	0	118.98	0	0	0
7	DO-I Ernakulam	133	13723.32	11.27	864.404	**0**	13723.32	11.27	864.404	0	0	0
8	DO-2 Ernakulam	317	6650	0	250	**0**	6650	0	250	0	0	0
9	ESC Eloor	27	1658.87	0	10695.25	**0**	1658.87	0	7307.499	0	0	0
10	Thrissur	95	15170.51	0	1420.47	**0**	15170.51	0	1420.47	0	0	0
11	Palakkad	106	715.37	0	302.265	**0**	715.37	0	302.265	0	0	0
12	Malappuram	56	0	0	215.81	**0**	0	0	215.81	0	0	0
13	Wayanad	33	0	0	5.1	**0**	0	0	5.1	0	0	0
14	Kozhikode	78	41.985	1.1	439.56	**0**	41.985	1.1	439.56	0	0	0
15	Kannur	105	222.992	5	236.86	**0**	222.99	5	236.86	0	0	0
16	Kasargode	6	0.47	0	65.64	**0**	0.473	0	65.64	0	0	0
	Total	**1222**	**59774.227**	**17.37**	**59130.403**	**0**	**59637.388**	**17.37**	**55739.352**	**0**	**0**	**0**

Table 16(b): Kerala- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	INP	INP	INP	INP
2	For disposal at common Incinerator	INP	INP	INP	INP
3	For recycling by Schedule IV recyclers	INP	INP	Maharashtra	0.52
4	For utilization in co-processing (cement plants)	INP	INP	INP	INP
5	For utilization under Rule 9 (other than co-processing)	INP	INP	INP	INP

Table 16(c) Kerala-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Trivandrum	6.68	0	0	0	0	0	0	0
2	Kollam	97.024	0	0	0	0	0	0	0
3	Pathanamthitta	43530.18	0	0	0	0	0	0	0
4	Alappuzba	176.06	0	0	0	0	0	0	0

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
5	Kottayam	702.3	0	0	0	0	0	0	0
6	Idukki	118.98	0	0	0	0	0	0	0
7	DO-I Ernakulam	864.404	0	0	0	0	0	0	0
8	DO-2 Ernakulam	250	0	0	0	0	0	0	0
9	ESC Eloor	7307.499	0	0	0	0	0	0	0
10	Thrissur	1420.47	0	0	0	0	0	0	0
11	Palakkad	302.265	0	0	0	0	0	0	0
12	Malappuram	215.81	0	0	0	0	0	0	0
13	Wayanad	0.0854	0	0	0	0	0	0	0
14	Kozhikode	439.56	0	0	0	0	0	0	0
15	Kannur	236.86	0	0	0	0	0	0	0
16	Kasargode	65.64	0	0	0	0	0	0	0
	Total	**55733.8174**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table 16(d): Kerala-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Trivandrum	2400.18	0	0	0	0	0	0	0
2	Kollam	0	18750	0	0	0	0	0	0

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
3	Pathanamthitta	0	0	0	0	0	0	0	0
4	Alappuzba	303.69	0	0	0	0	0	0	0
5	Kottayam	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	0	0	0	0	0
7	DO-I Ernakulam	13723.32	0	11.27	0	0	0	0	0
8	DO-2 Ernakulam	6650	0	0	0	0	0	0	0
9	ESC Eloor	1658.87	0	0	0	0	0	0	0
10	Thrissur	15170.51	0	0	0	0	0	0	0
11	Palakkad	715.37	0	0	0	0	0	0	0
12	Malappuram	0	0	0	0	0	0	0	0
13	Wayanad	0	0	0	0	0	0	0	0
14	Kozhikode	41.985	0	1.1	0	0	0	0	0
15	Kannur	222.99	0	5	0	0	0	0	0
16	Kasargode	0.47	0	0	0	0	0	0	0
	Total	**40887.385**	**18750**	**17.37**	**0**	**0**	**0**	**0**	**0**

Table 16(e): Kerala-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Trivandrum	0	0	0	0	0	0	0	0
2	Kollam	18250	0	0	0	18250	0	0	0
3	Pathanamthitta	0	0	0	0	0	0	0	0

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
4	Alappuzba	0	0	0	0	0	0	0	0
5	Kottayam	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	0	0	0	0	0
7	DO-I Ernakulam	0	0	0	0	0	0	0	0
8	DO-2 Ernakulam	0	0	0	0	0	0	0	0
9	ESC Eloor	0	0	0	0	0	0	0	0
10	Thrissur	0	0	0	0	0	0	0	0
11	Palakkad	0	0	0	0	0	0	0	0
12	Malappuram	0	0	0	0	0	0	0	0
13	Wayanad	0	0	0.0854	0	0	0	5.1	0
14	Kozhikode	0	0	0	0	0	0	0	0
15	Kannur	0	0	0	0	0	0	0	0
16	Kasargode	0	0	0	0	0	0	0	0
	Total	**18250**	**0**	**0.0854**	**0**	**18250**	**0**	**5.1**	**0**

Table 16(f): Kerala-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross	0	0	0
2	Zinc Bearing Wastes	1	2920	Unit is temporarily closed
3	Copper Bearing Waste			
4	Used oil	3	41355	13333.27
5	Waste Oil			
6	Spent Carbon	0	0	0
	Total	**4**	**44275**	**13333.27**

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
B	Utilization of HW under Rule 9	0	0	0
C	Co-processing in Cement Plants	0	0	0

Table 16(g): Kerala-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s Southern Refineries Ltd., Kauzhinjanvila, Parassala P.O, Thiruvanthapuram - 695 502 Kerala	Used Oil/ Waste Oil	7300 t/y	Annual Return Not Submitted (Unit not functioning)
2	M/s Cee Jee Lubricants VI/592, Industrial Development Area, Edayar, Binanipuram P.O Aluva - 683 502	Used Oil/ Waste Oil	10695.25	7262.86
3	M/s K.J Lubes SIDCO Industrial park Athani, Thrissur - 680 581	Used Oil		Unit not functioning
4	M/s APJ Refinieries Pvt. Ltd. Puduserry Central Village, New I(ndustrial, Development Area, Kanjikode - 678 621	Used Oil Waste Oil	14600 t/y 8760 t/y	6070.41
5	M/s Aaron International, Plot No. 10 Industrial Development Plot, Parakulam, Anakkara P.O Palakkad - 679 551	Cu & Zn materials	2920 tonnes per year	Unit temporarily closed

Table 16(h): Kerala-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Kerala Enviro Infrastructure Ltd., TSDF, Project, inside FACT CD Campus, Ambalamedu, Kochi	590	0	42436.94	12020.735	0	42885.94	12082.24	0	0	79.5	0	352560.4	0	0	50000

Table 15(i): Kerala-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill (MT/A)		
1	M/s KMML, Chavara, Kollam	Landfill	Nil	37000	18750	

16.
MADHYA PRADESH
(Hazardous waste generation and its Management)

Table 16(a): Madhya Pradesh -District-wise details on Hazardous Waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Bhopal	193	45.55	1289.875	3260.88	50	14.58	169.34	1932.9	0	0	0
2	Raisen	79	4799.02	4048.807	7344.99	17.5	3696.69	1018.37	1922.42	0	0	0
3	Hoshangabad	25	58.1	28.192	271.87	0	19.51	0.12	192.51	0	0	0
4	Betul	20	15	5	125.68	0	10.28	42.58	8.3	0	0	0
5	Vidisha	24	60	0	12142.16	0	40.92	0	390.92	0	0	0
6	Sehore	16	10627.6	93.27	252.91	0	7513.24	0	206.81	0	0	0
7	Harda	5	0	0	3.18	0	0	0	0	0	0	0
8	Indore	455	63063.57	3.5	2025.88	2331.65	775.66	0	137.74	1246.33	0	0
9	Khargoane	46	3501.44	0	269.78	600.2	1041.35	0	25.03	359.52	0	0
10	Burhanpur	23	53.62	0	2.02	0.085	11.25	0	0.23	0.035	0	0
11	Khandwa	12	34.5	0	19.14	0	5.22	0	3.16	0	0	0
12	Barwani	6	193.4	0	24.32	0	60.1	0	13.48	0	0	0
13	Dhar	34	7172.85	259.5	14070.35	953901.25	1984	138.27	4916.83	691.76	0	0
14	Jhabua	25	25136.4	128	21810.78	42203.9	4127	0	2.24	30614.54	0	0
15	Alirajpur	1	120	0	0	720	0	0	0	26.25	0	0
16	Shahdol	36	0	0	72.8	3000	0	0	71.11	1579	0	0
17	Anuppur	38	2.6	6.6	191.19	0	0.79	4.878	99.74	0	0	0
18	Umaria	28	0	5	19.39	0	0	5	12.24	0	0	0
19	Rewa	76	0	0	1034.73	0	0	0	142.03	0	0	0
20	Sidhi	14	0	0	327.88	0	0	0	22.03	0	0	0
21	Satna	67	0	0	6980.75	0	0	0	798.5	0	715	798.5
22	Sagar	22	564.7	2616	812.59	157120	187	0	426.12	18871.56	0	0

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
23	Chhatarpur	12	0	0	11.54	0	0	0	0	0	0	0
24	Tikamgarh	7	0	0	1.36	0	0	0	0	0	0	0
25	Damoh	6	0	78.97	46.98	0	0	13.32	22.89	0	0	0
26	Panna	2	0	16.2	4.85	0	0	9	1.73	0	0	0
27	Katni	30	6.82	13.942	289.47	16846.65	0.225	0.108	126.12	16837.83	0	0
28	Sez Pithampur	25	7441.75	45	240.12	0.8	2864.3	36.04	28.02	0.07	0	0
29	Ujjain	37	11040.43	4205	1543.14	4500	10636.82	2103.44	107.4	0	0	0
30	Ratlam	23	4084.2	3000	6297.27	896.65	2367.25	1133.01	416.66	0	0	0
31	Mandsaur	14	459.22	0	4.06	1002.6	0	0	0	0.28	0	0
32	Neemuch	17	245.6	890	3152.36	36	15.19	0	1.68	0	0	0
33	Jabalpur	152	1054.76	0	5696.76	0	308.83	0	1335.12	0	0	0
34	Mandla	38	22.3	0	23.48	0	1.2	0	18.35	0	0	0
35	Narsinghpur	52	52.11	0	10.19	0	0	0	1.57	0	0	0
36	Seoni	40	8.6	0	40.61	0	0	0	27.26	0	0	0
37	Balaghat	16	0	0	33.66	0	0	0	29.66	0	0	0
38	Gwalior	203	294.98	0	259.88	22.35	212.25	0	7.02	0.018	0	0
39	Bhind	54	6864.891	560	16205.59	37.28	834.28	351.84	8809.24	5383.23	0	0
40	Morena	48	67.4	0	115.75	12	2.04	0	19.84	0	0	0
41	Datia	19	4.64	0	11.13	0	0.619	0	0.12	0	0	0
42	Guna	19	575	0	125.21	25.2	0	0	7.05	1.87	0	0
43	Shivpuri	5	0	0	0.89	0	0	0	0	0	0	0
44	Ashoknagar	7	0	0	1.67	0	0	0	0	0	0	0
45	Rajgarh	17	1000.8	0.85	14.48	1042.68	0	0.59	0.83	56.53	464.18	0

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
46	Chhindwara	34	1591.9	0	92.08	8505.9	513.145	0	44.07	247.32	0	0
47	Dewas	142	15850.5	3309	74256.5	0	1050.317	308.87	25015.25	0	0	0
48	Shajapur	11	1367.18	0	34.82	0	0	0	0	0	0	0
49	Pithampur	251	13978.29	4056.982	20226.38	1511	3997.5	1095.64	18031.96	425.03	0	0
50	Singrauli	38	14142.5	766.6	6924.5	48000	9842.38	481.79	4702.91	45768.08	0	0
	Total	**2564**	**195602.22**	**25426.288**	**206728**	**1242383.6**	**52133.936**	**6912.206**	**70079.09**	**122109.253**	**1179.18**	**798.5**

Table 16(b): Madhya Pradesh- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	0	0
2	For disposal at common Incinerator	0	0	0	0
3	For recycling by Schedule IV recyclers	Maharashrea	3317.809	Haryana	744.34
		Rajasthan	289.54	Andhra Pradesh	220.06
		Daman & Diu	16.7	UP	202.93
		Gujarat	732.7	Maharashtra	515.15
		Jammu & Kashmir	22.65	West Bengal	425.33
		Karnataka	1406.557	Gujarat	218.7
		Andhra Pradesh	232	Tamil Nadu	122.33
		Orissa	2866.605	Bihar	28.7
		Chhattisgarh	543.598	0	0

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
		12		13	
		Bihar	259.35	0	0
		Kerala	142.833	0	0
		Tamil Nadu	269	0	0
		Assam	181.8	0	0
		UP	61.84	0	0
		Goa	26	0	0
		Haryana	60.655	0	0
		Jharkhand	400.309	0	0
		West Bengal	0.55	0	0
		Delhi	589.247	0	0
4	For utilization in co-processing (cement plants)	0	0	0	0
5	For utilization under Rule 9 (other than co-processing)	0		Rajasthan	86.98
				Odissa	1897.74
				Chattisgarh	5528.3
				UP	918.87
				West Bengal	70.19

Table 16(c): Madhya Pradesh-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Bhopal	1879.52	0	0	2.012	0	0	0	0
2	Raisen	1335.9	443.99	0	16.3	0	0	0	0
3	Hoshangabad	192.21	0	0	0.1	0	0	0	0
4	Betul	8.3	0	0	42.587	0	0	0	0
5	Vidisha	387.1	0	0	0.6402	0	0	0	0
6	Sehore	41.7	0	0	0	0	0	0	0
7	Harda	0	0	0	0	0	0	0	0
8	Indore	9154.09	1068.323	250	0	9826.38	0	0	0
9	Khargoane	777.42	137.55	0.027	0	622.53	0	0	0
10	Burhanpur	0	0.035	0	0	0	0	0	0
11	Khandwa	1.52	0	0	0	0	0	0	0
12	Barwani	12.98	0	0	0	0	0	0	0
13	Dhar	4917.02	94.38	0	597.385	0	0	0	0
14	Jhabua	2.24	0	0	30614.548	0	0	0	0
15	Alirajpur	26.25	0	0	0	0	0	0	0
16	Shahdol	31	0	1579	0	0	0	0	0
17	Umaria	0.2	0	0	0	0	0	0	0
18	Satna	715	0	0	0	0	0	0	0
19	Sagar	425.33	0	0	12492	0	0	0	0

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
20	Katni	125.47	0.108	0.255	16826.2	0	0	0	0
21	Sez Pithampur	85.12	60.49	0	0	0	0	0	0
22	Ujjain	107.4	0	0	0	0	0	0	0
23	Ratlam	416.66	306.79	0	0	0	0	0	0
24	Neemuch	60.29	2787.096	0	0	0	0	0	0
25	Jabalpur	100.5	0	0	0	0	0	0	0
26	Mandla	129.61	0	0	0	0	0	0	0
27	Gwalior	1.826	0	0	0	0	0	0	0
28	Bhind	8799.573	195.32	0.018	0	0	0	0	0
29	Morena	17.425	0	0	0	0	0	0	0
30	Datia	0.12	0	0	0	0	0	0	0
31	Rajgarh	185	0	0	0	0	0	0	0
32	Chhindwara	44.078	0	0	0	0	0	0	0
33	Dewas	25015.252	295.11	48140.41	0	0	0	0	0
34	Pithampur	5763.285	137.65	17173.027	0	0	0	0	0
35	Singrauli	4702.917	0	0	45768.086	0	0	0	0
	Total	**65462.306**	**5526.842**	**67142.737**	**106359.8582**	**10448.91**	**0**	**0**	**0**

Table 16(d): Madhya Pradesh-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Bhopal	14.58	0	122.93	0	0	0	0	0
2	Raisen	3696.69	0	1018.37	0	0	0	0	0
3	Hoshangabad	19.51	0	0.12	0	0	0	0	0
4	Betul	10.28	0	42.58	0	0	0	0	0
5	Vidisha	40.92	0	0	0	0	0	0	0
6	Sehore	7513.24	0	0	0	0	0	0	0
7	Indore	560.45	0	0	0	0	0	0	0
8	Khargoane	376.73	0	0	0	0	0	0	0
9	Burhanpur	0	0	0	0	0	0	0	0
10	Khandwa	5.12	0	0	0	0	0	0	0
11	Barwani	64.7	0	0	0	0	0	0	0
12	Dhar	1984	0	66.34	71.36	0	0	0	0
13	Jhabua	4127	0	0	0	0	0	0	0
14	Alirajpur	0	0	0	0	0	0	0	0
15	Anuppur	0.79	0	0	0	0	0	0	0
16	Umaria	0	0	0	30.91	0	0	0	0
17	Katni	0.25	0	0.1	0	0	0	0	0
18	Sez Pithampur	2975.37	0	21.04	0	0	0	0	0
19	Ujjain	543.74	3084.5	246.29	1856.75	0	0	0	0
20	Ratlam	2367.25	0	316.51	509.7	0	0	0	0
21	Neemuch	15.19	0	0	0	0	0	0	0
22	Jabalpur	51	258.34	0	0	0	0	0	0
23	Mandla	1.37	0	0	0	0	0	0	0
24	Gwalior	191.31	0	0	0	0	0	0	0
25	Bhind	821.5	0	349.92	0	0	0	0	0
26	Morena	1.06	0	0	0	0	0	0	0
27	Guna	575	0	0	0	0	0	0	0

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
28	Rajgarh	1000.8	0	0.85	0	0	0	0	0
29	Chhindwara	511.64	0	0	0	0	0	0	0
30	Dewas	1050.31	0	308.87	0	0	0	0	0
31	Pithampur	4204.02	0	409.53	0	0	0	0	0
32	Singrauli	4921.19	0	240.89	0	0	0	0	0
	Total	**37645.01**	**3342.84**	**3144.34**	**2468.72**	**0**	**0**	**0**	**0**

Table 16(e): Madhya Pradesh-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Bhopal	1.92	66.76	86.47	0	1.14	60.4	190.6	0
2	Raisen	8.6	10.27	3.44	0	0.77	0.55	2.11	0
3	Hoshangabad	14.15	0	116.01	0	7.405	0	84.42	0
4	Betul	12	45.37	8.12	0	0	0	21.22	1.78
5	Vidisha	0	0	0	0	0	0	2.18	0
6	Sehore	395.16	0.2	12.75	0	177.91	0	2.52	0
7	Harda	0	0	0	0	0	0	0	0
8	Indore	21.92	0	24.47	0	60.81	0	21.02	109
9	Khargoane	0	0	0	205.05	501.61	0	0.74	590
10	Burhanpur	0.75	0	0	0	11.43	0	0.81	0
11	Khandwa	0	0	0.8	0	0.1	0	2.44	0
12	Barwani	13.7	0	0.25	0	9.1	0	0.75	0
13	Dhar	103.5	0	0	0	0	64.7	2.73	0
14	Jhabua	8	0	0	0	15.26	0	0	0
15	Alirajpur	0	0	0	0	18.37	0	0	0
16	Shahdol	0	0	46.62	0	0	0	46.73	0
17	Anuppur	0	0	12.81	0	0	4.87	56.64	0
18	Umaria	0	25.91	0	0	0	0	12.04	0
19	Satna	0	0	114.09	0	0	0	83.5	0
20	Damoh	0	0	0	0	0	0	0	0
21	Katni	0.25	0	0.65	11.63	0.25	0	0	0
22	Sez Pithampur	803.79	0	2.83	0	548.15	15	18.11	0
23	Ujjain	8580	0	0	0	7010.82	10	2.5	0

24	Ratlam	3.21	200	0	0	0	0	0	0
25	Neemuch	0.8	79.03	0	0	0.3	99.7	0	0
26	Jabalpur	0.96	0	0	0	0.45	0	0	0
27	Mandla	0.17	0	0	0	1.2	0	0	0
28	Gwalior	0	0	0.44	0.07	24.56	0	5.2	0
29	Bhind	46.12	0	21.95	1.54	13.12	1.92	9.66	15.16
30	Morena	0.98	0	18.43	0	0.98	0	2.42	0
31	Datia	0	0	0.31	0	0.61	0	0	0
32	Guna	148	0	21.82	0	0.61	0	7.05	1.87
33	Rajgarh	0	0	0.06	0	0.61	0.037	0.0272	0.00189
34	Chhindwara	0	0	0	18.73	343.13	0	55.49	285.82
35	Dewas	120.45	125.45	75.09	0	110.11	25.35	123.22	0
36	Shajapur	0	0	1	0	0	0	11.23	0
37	Pithampur	0	0	4904.34	0	77.61	256.23	301.94	9.32
38	Singrauli	0	0	5604.21	0	4921.19	240.89	4702.91	48254
	Total	**10284.43**	**552.99**	**11076.96**	**237.02**	**13857.605**	**779.647**	**5770.2072**	**49266.95189**

Table 16(f): Madhya Pradesh-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross	2	1600	0
2	Zinc Bearing Wastes	7	17140	4652.7
3	Copper Bearing Waste	10	62510	250.4
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	1	2000	381.5
5	Lead bearing waste including battery waste	58	148200	22457
6	E-Waste	2	13605	177.38
7	Paint and ink Sludge/residues	1	4500	453.47
8	Used oil	17	102360	3863
9	Waste Oil	7	35700	78.012
10	Spent Catalyst	1	15000	196.623
	Total	**106**	**402615**	**32510.085**
B	**Utilization of HW under Rule 9**			
1	Recovery of solvents from spent solvents	8	7935	31982
2	Utilization of Spent HCl generated form steel rolling mills for producing Ferric Chloride	1	18000	7933.416
3	Utilization of Used Anode Butt to produce Carbon Pellets and High Energy (HE) Coke for use in Steel furnaces/foundries.	1	9000	0
4	Utilization of Used Anode Butt to produce Carbon Blended Coke / Electrode carbon Paste /Carburiser for use in Steel or ferroalloy furnaces			
5	Utilization of pre-processed Used Anode Butt to produce Green Anodes through Anode-Baking Process for use in Aluminium Smelters	1	48000	48254.4
6	De-contamination of contaminated drums/containers/ barrels	3	626000 Nos. = 62600 MT	0
7	Utilization of process sludge and primary ETP sludge generated from Pulp & Paper Industries for producing Paper Board/ Mill Board/	1	3000	1579

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
	Card Board			
8	Captive Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal	1	600	0
9	Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal	1	600	235.51
10	Utilization of Resin Waste (mixture of Bisphenol A and Epichlorohydrin) generated from Resin impregnation of electrical coils power/hydro equipments industries for manufacturing of High Tension/Low Tension Insulators	1	20	0
11	Utilization of Spent Alumina generated during Polymerization in SWING unit of Petrochemical Plant for manufacturing of Refractory material like Insulation bricks, Mortar, Castables, High Alumina bricks	1	10000	0
	Total	19	159755	89984.326
C	**Co-processing in Cement Plants**	2	645654.03	3704.68

Table 16(g): Madhya Pradesh-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s. Shikhar Sai Oils Pvt. Ltd., 695, AKVN Industrial Area, Sector-3, Pithampur, Dist. Dhar,	used oil Waste oil	4300 MT 4300 MT	0
2	M/s. Kamla Chemicals, (Re-Refiners of Waste Oil), Plot No. 29, Industrial Area, Richhai, Jabalpur (M.P.) PIN 482 010	Used oil	810 MT	0

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
3	M/s. Jaital Chemicals Baraghatta, Industrial Area, IInd Phase, Jhansi Road, Gwalior (M.P.)	Waste oil Used oil	900 KLA 900 KLA	206.710 206.378
4	M/s. Universal Petrochemical, Sagar Road, Vidisha (M.P.)	Used oil	3600 KLA	118.02
5	M/s. P2O Green Ref. Ltd., K. No. 225, Naita, Baptcha, Dewas	Used oil	50000	
6	M/s. Manspuran Petro Chem P. Ltd., 205-A , New Industrial Area, Mandideep, Dist. Raisen	Used oil	3600	1196.5
7	M/s. Bhaskar Lub. Pvt. Ltd., Richhai, Industrial Area, Jabalpur	Used oil	3200 KLA	92.7
8	SM/s. Sagar Shri Lubricant Plot No. 379, Sector-3, Pithampur, Dist. Dhar	Used oil	900 KLA	243.254
9	Shree Nakoda Industries, Plot No. 93 , Sector-1, Industrial Area ,Pithampur, Dhar	Used oil	900	248.85
10	M/s. Shri Rang Petrochem Ind, 51/A, AKVN Industrial Area, Megh Nagar, Dist. Jhabua	Used oil Waste oil	6000 KLA 12000 KLA	0
11	M/s. Manglam Petro Chemicals, Sagar Road, Vidisha	Used oil Waste oil	6000 KLA 1000 KLA	62.71
12	M/s. Shri Agrasen Oil Refinery Pvt. Ltd., Plot No. 3, Sector-III, Pithampur, Dist. Dhar (M.P.)	Used oil	1000 KLA	86.341
13	M/s. Sarvavyapi Petrochem (P) Ltd., Plot No. 118-B, Malanpur, Dist. Bhind (M.P.)	Used oil Waste oil	3000 KLA 2500 KLA	0
14	M/s. Swarn Lubricant Pvt. Ltd., Plot No. 699, Sector-3, AKVN Industrial Area, Pithampur, Dist. Dhar	Used oil Waste oil	10,000 MTA 10,000 MTA	0
15	M/s. Nakoda Lubricant, Plot No. 992/1, Jawad Phanta, Bharbhadia, Distt. Neemuch	Used oil	3000 MT	60.29

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
16	M/s. Aadi Chemtrade Pvt. Ltd., 404, Sector-3, Industrial Area, pithampur, Dist. Dhar	Used oil Waste oil	1000 MTA 5000 MTA	78.368
17	M/s. S.P. Metal Industries, Plot No. 11, Industrial Area,Banmore, Dist. Morena, (M.P.	Lead Acid battery plates & Lead scrap	1700 MT	0
18	M/s. G.S. Metals, Plot No. 40 - 41 /10, Industrial Area, Phase - I,A - B Road, DEWAS (M.P.)	Lead Acid battery plates & Lead scrap	750 MT	10
19	M/s. Unicon Metal & Alloys Pvt. Ltd., Plot No. 48 C,D, Industrial Area No. 1, A - B Road, DEWAS (M.P.)	Lead Acid battery plates & Lead scrap	5000 MT	10.85
20	M/s. Hemal Industries, Plot No. 299-B, Sector-F, Sanwer Road, Industrial Area,INDORE (M.P.)	Lead Acid battery plates & Lead scrap	3000	689.8
21	M/s. A.M. Industries, 96 B Sector - F, Sanwer Road, Indore (M.P.)	Lead Acid battery plates & Lead scrap	2000	0
22	M/s. Aman Enterprises, Plot No. A-10/A, Sector-E, Industrial Area, Sanwar Road, INDORE (M.P.)	Lead Acid battery plates & Lead scrap	3250	475.72
23	M/s. Varun Enterprises, 290-B, 303-304 A, Sector-E,Sanwer Road, Industrial Area,INDORE (M.P.)	Lead Acid battery plates & Lead scrap	5000	4890
24	M/s. Paliwal Metals,235-B/236, Sector-F, Sanwer Road, Industrial Area, INDORE (M.P.)	Lead Acid battery plates & Lead scrap	4200	0

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
25	M/s. A.K. Industries, Purani Chhawani, A – B Road, Behind Police Station,GWALIOR (M.P.)	Lead Acid battery plates & Lead scrap	600	70
26	M/s. K.G. Industries, Plot No. 99/100, Industrial Area No. 2, A B Road, DEWAS (M.P.)	Lead Acid battery plates & Lead scrap	5000	0
27	M/s. M.M. Enterprises, 32 B, 32 E, Sector – C,Industrial Area, RATLAM (M.P.)	Lead Acid battery plates & Lead scrap	5000	416.66
28	M/s. Sameer Industries, Plot No. 130 – 131, Sector-E, Sanwer Road, Industrial Area, INDORE (M.P.)	Lead Acid battery plates & Lead scrap	4200	2108.26
29	M/s. Neha Industries, Plot No. 327 – 328, Sector-F, Sanwer Road, Industrial Area, INDORE (M.P.)	Lead Acid battery plates & Lead scrap	3600	1093.72
30	M/s. Shiv Shakti Iron & Metal Industries, Plot No. 2-B, Baraghat Industrial Area, GWALIOR	Lead Acid battery plates & Lead scrap	1700	719.238
31	M/s. Shivalik Vyapar Pvt. Ltd., Khasra No. 69/1/1, 69/1/2, Gram Panchderia, Sanwer Road,INDORE (M.P.)	Lead Acid battery plates & Lead scrap	5000	1553.93
32	M/s. Vaishnav Sai Industry,Plot No. 101-A, Industrial Area No. 3, A – B Road, Dewas	Lead Acid battery plates & Lead scrap	5000	0.4
33	M/s. Mahamaya Batteries, E-32, Sector-C, Sanwer Road, Industrial Estate, Indore	Lead Acid battery plates & Lead scrap	3600	35.81

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
34	M/s. Payal Industries, Plot No. 30, Industrial Area,Katkut Road, Barwah, Khargone.	Lead Acid battery plates & Lead scrap	2500	0
35	M/s. Balkrishna Industries, Plot No. 212-C/1, Sector-F,Sanwer Road, Indore	Lead Acid battery plates & Lead scrap	960	0
36	M/s. Sarthak Vyapar Industries, Plot No. 12, D-1, Industrial Area No.1, A – B Road, Dewas	Lead Acid battery plates & Lead scrap	4500	0.2
37	M/s. Mark Metal Co. Plot No. 38-B, 39-B, Sector-C, Sanwer Road, Industrial Area, Indore	Lead Acid battery plates & Lead scrap	2500	0
38	M/s. Swami Metals, Gram Singawada, Ujjain Road, Dewas	Lead Acid battery plates & Lead scrap	1000	1
39	M/s. Balaji Industries, Purani Chawani, A – B Road, Gwalior	Lead Acid battery plates & Lead scrap	850	
40	M/s. Singhai Metals Plot No. 68-B, 69-A, Sector-F, Industrial Area, Sanwer Road, Indore	Lead Acid battery plates & Lead scrap	3600	216.3
41	M/s. Naman Industries, Plot No. 319, A-3, Sector-F, Sanwer Road, Industrial Area, Indore	Lead Acid battery plates & Lead scrap	3700	1778.67
42	M/s. M.M. Metal Ind. Ltd., Plot No. 7-B, Sector-B, Industrial Estate, Mandideep, Dist. Raisen	Lead Acid battery plates & Lead scrap	3000	0
43	M/s. Aastha Industries, Plot No. 96, Industrial Area, Dewas	Lead Acid battery plates & Lead scrap	500	2.4
44	M/s. Maa Vaishnow Ind. Plot No. 13, Sector-5, Katkat road, Badwaha, Dist. Khargone	Lead Acid battery plates & Lead scrap	5000	0

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
45	M/s. R.K. Industries Ltd., Industrial Area, Jhansi Road, Gwalior	Lead Acid battery plates & Lead scrap	3600	628.4
46	M/s. Swastic Enterprises, Plot No. 101-B, Industrial Area No.1, A – B Road, Dewas	Lead Acid battery plates & Lead scrap	330	0
47	M/s. R.K. Industries, Plot No. E16-B. E-17 A , Sector-C, Sanwer Road, Indore	Lead Acid battery plates & Lead scrap	900	0
48	M/s. Vijay Metal Ind. Plot No. 5, Opp. Electricity Baraghat, Industrial Area, Gwalior	Lead Acid battery plates & Lead scrap	670	0
49	M/s. Calcutta Metal Industries, Shed No. 12-A, Industrial Area, Jabalpur	Lead Acid battery plates & Lead scrap	310	7.8
50	M/s. Priya Industries, P. No. 101-B, Industrial Area No. 1, A - B Road, Dewas	Lead Acid battery plates & Lead scrap	310	0.2
51	M/s. Padwal Industries Plot No. 12-14, AKVN Industrial Area, Meghnagar, Dist. Jhabua	Lead Acid battery plates & Lead scrap	450	0
52	M/s. Shivam Industry Vill. Mordongri, Near Warehouse, Nagpur Road, Pandhurna, Dist. Chhindwara	Lead Acid battery plates & Lead scrap	900	0
53	M/s. EM-ES Battery & Allied Products, Plot No. 42, Sector-A, Mandideep, Dist. Raisen	Lead Acid battery plates & Lead scrap	600	0
54	M/s. Yuvika Alloys , Plot No. 3, Industrial Growth Centre, Maneri, Mandla	Lead Acid battery plates & Lead scrap	1800	86.3

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
55	M/s. S.P. Plastic Industry Plot No. 11, A – B Road, Banmore, Dist. Morena (M.P.)	Lead Acid battery plates & Lead scrap	1500	0
56	M/s. Nobal Industries, Plot No. 296/B, Sector-F, Sanwer Road, Indore	Lead Acid battery plates & Lead scrap	3000	1622.72
57	M/s. M.S. Metal Plot No. 300, Sector-F, Industrial Estate, Sanwer Road, Indore	Lead Acid battery plates & Lead scrap	3060	1758.43
58	M/s. Shanti Industry Plot No. 5, 2nd Phase, Baraghatta, Industrial Area, Jhansi Road, Gwalior	Lead Acid battery plates & Lead scrap	500	220
59	M/s. Manoj Industry, Plot No. D-16, 17, Sector-C, Industrial Area, Sanwer Road, Indore	Lead Acid battery plates & Lead scrap	2450	695.81
60	M/s. Agrawal Metal Industry, Plot No. 251/A, Sector-F, Sanwer Road, Indore	Lead Acid battery plates & Lead scrap	2000	415.4
61	M/s. Krishna Metal Agency, Plot No. 158-B, Sector-F, Industrial Area, Sanwer Road, Indore	Lead Acid battery plates & Lead scrap	1800	913.49
62	M/s. Shanti Prakash Power (P) Ltd., Plot No. 9, Phase-II, Baraghata, Jhansi Road, Gwalior	Lead Acid battery plates & Lead scrap	900	240
63	M/s. Chhabi Industries, Plot No. 59-B/1, Industrial Area, Dewas (M.P.)	Lead Acid battery plates & Lead scrap	300	10

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
64	M/s. Gwalior Metal Industries, Shankarpur, Transport Nagar, Gwalior (M.P.)	Lead Acid battery plates & Lead scrap	1700	412.8
65	M/s. Krishna Iron & Metal Industry, Plot No. 19, Baraghata Industrial Area, Jhansi Road, Gwalior (M.P.)	Lead Acid battery plates & Lead scrap	800	230
66	M/s. OMS Metals, Plot No. 287/1/2, 155/1, Vill. Pangara, Tehsil Uchera, Distt. Satna	Lead Acid battery plates & Lead scrap	1200	0
67	M/s. Lakshmi Vilas Metal Enterprises Pvt. Ltd., Plot No. 24(B), IGC, AKVN Boregaon, Tehsil Saunsar, Distt. Chhindwara	Lead Acid battery plates & Lead scrap	6000	0
68	M/s. Kanti Metal Industries, Plot No. 2, Industrial Area, Tehsil Mudwara, Dist. Katni	Lead Acid battery plates & Lead scrap	510	0
69	M/s. Krishna Industries Plot No. 287-B, 288-A, Sector-F, Sanwer Road, Indore	Lead acid battery scrap	3000	306.22
70	M/s. Banke Bihari Industries, Plot No. 3, Barghata, Tehsil Gird, Distt. Gwalior	Lead acid battery scrap	900	50
71	M/s. Indore Metal Corp. Plot No. 70, Industrial Area, Richhai, Jabalpur	Lead acid battery, Brass & Zinc Scrap	4800	0
72	M/s. Mahaveer Metal Industries, Plot No. 5, Industrial Area, Baraghata, Tehsil Gird, Distt. Gwalior	Lead Acid battery plates & Lead scrap	800	561.217
73	M/s. A.P. Metal Industries, Plot No. 42, Industrial Area, Richhai, Jabalpur	Lead Acid battery plates & Lead scrap	1200	0

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
74	M/s. Maa Gomti Steel Industries, (lead & Copper unit) Plot No. 143, 144/A, Sector-E, Industrial Area, Indore	Lead Acid battery plates & Lead scrap	4000	0
75	M/s. Ankur Pesticides Pvt. Ltd. 244, Sector-F, Sanwer Road, Industrial Area, Indore	Lead acid battery plate scrap	2100	0
76	M/s. Gurukripa Industries, Plot No. B/27-D, B/27,Sector-C, Industrial Area, Sanwer Road, Indore	Lead acid battery plate scrap	4800	0
77	M/s. Balaji Industries, Plot No. 231/A, 232/A, Sector-E, Sanwer Road, Industrial Area, Indore	Lead acid battery plate scrap	4300	0
78	M/s. Malwa Strips Pvt. Ltd., Plot No. 17 to 20, I.S. Gajra Industrial Area - II,A - B Road, DEWAS (M.P.)	Copper cable, insulated copper wire	2000	0
79	M/s. Uttam Organic Fertichem Pvt. Ltd., 4/5, Industrial Area, Nimrani, Dist. Khargone (M.P.)	Zinc Ash	8400	2252.45
80	M/s. Rajratan Technique & Technology Pvt. Ltd.,Khasra No. 168, 169, 170 &168/458/4,11/1, Pipliyarao,Bholaram Ustad Marg,Bhawrkua, INDORE – 452 013 (M.P.)	Ink sludge/residue	4500	453.45
81	M/s. Balaji Phosphate Pvt. Ltd., 23-B, 24-A, Industrial Area, A - B Road, Dewas.	Zink Ash	1000	0
82	M/s. Kamni Organics (Unit-II) 37-B, Industrial Area, Balia Road Growth, Dist. Mandsour	Zink Ash / Zinc dross	1000	0

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
83	M/s. Kalyan Zinc Sulphate Gram Umarna, The. Kachrol, Dist. Ujjain	Zink Ash / Zinc dross	1440	0
84	M/s Unique Echo Recycler Plot No. 26, Industrial Area, Palda, Indore	E-waste	6000	177.384
85	M/s. Siddharth Wires (P) Ltd., A – B Road, Biora, Dist. Rajgarh	Zinc dross	1800	649.21
86	M/s. Savitri Enterprises, Plot No. 22-B, Laxmibai Nagar, Industrial Area, Indore	Brass Dross, Copper Dross, Zinc Dross & Zinc Ash	300	301
87	M/s. Yuvika Alloys Plot No. 3, Industrial Growth Centre, Maneri, Dist. Mandla	Brass Scrap, Copper Scrap, Aluminum Zinc Scrap	600 MT 600 MT 600 MT 600 MT	86.3
88	M/s. Vayanktesh Metal & Alloys Pvt. Ltd., Plot No. 203, Sector-F, Sanwer Road, Indore	Spent catalyst Metal Salt, Nickel & Cobalt	2000	381.5
89	M/s. Hostech Eco Management Pvt. Ltd., Plot No. 27, Sector-C, Sanwer Road, Indore	Electronic Waste Sch. 4, Sl. No. 18	585 7020	0
90	M/s. Cable Processors India (P) Ltd., Plot No. 1, Sector-A, Industrial Area, Maneri, Mandla (M.P.)	(1) Copper Scrap/ Alloys (2) Insulated copper wire scrap/ copper Druid	500 MTA 1500 MTA	43.31

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
91	M/s. Jaza Industries Shed No. 15, Industrial Area, Govindpura, Bhopal	(1) Copper Dross (2) Insulated copper wire scrap/ copper with PVC sheathing	30 MA 170 MT	0
92	M/s. Vishal Fab (India) Pvt. Ltd., (Unit-2) Plot No. 13 – 14, Sector-F, Indusstrial Area, Sanwer Road, Indore	Copper scrap Bar Scrap, cable copper Mill-barry Rod, copper clave, copper punching, copper powder	1800	0
93	M/s. Laxmi Vilas Metal Enterprises Pvt. Ltd., Plot No. 24 (B) IGC AKVN Boregaon, Tehsil Saunsar, Dist. Chhindwara	Copper Scrap, Jelly filled, copper cable scrap, Druid copper cable scrap	1350	0
94	M/s. Sugam Chemicals, Plot No. 341, Sector-3, Industrial Area, Pithampur , Dist. Dhar	Spent solvent	615	77.683
95	M/s. Premier Refractories of India Pvt. Ltd., Plot No. 41, 528/3, NKJ Katni, Tehsil Mudwara, Distt. Katni	Spent catalyst	15000 MTA	0
96	M/s. M.P. Dyechem Industries Pvt. Ltd., Plot No. 59-63, Sector-A, Sanwer Road, Indore	Spent solvent	1080 MT	0
97	M/s. K.K. Industries Plot No. 306/2, Sondwa, Vill. Chhoktala,Tehsil & Distt. Alirajpur	Copper Dross & Druid	720	26.25
98	M/s. Mishra Traders Kh.NO. 895/5, 896/3, Vill. Berwa Tola, Dhatura, Post Pachore, Dist. Singrauli	Alumina dross	600	235.51

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
99	M/s. Dielectric Corporation, Plot No. F/92, Industrial Area, Govindpura, Bhopal	Resin waste	20	0
100	M/s. Royal Enterprises Plot No. 94-B, Industrial Area No. 1, A – B Road, Dewas	Spent Solvent	1050	0
101	M/s. Krishna Calcination & Refractories Pvt. Ltd., Plot No. 21 & 86, Lamtara, Tehsil Mudwara, Dist. Katni	(1) Process & waste from treatment of salt sludge (2) Cathode residue including POT lining waste (3) Used Anode buts	6000 MT 1500 MT 2000 MT	0
102	M/s. Perfect Stoneware Pipe Ltd., (old name: Perfect Acid Ware, Plot No. 49 to 50, AKVN Industrial Area, Maneri, Dist. Mandla	Spent Alumina from Polymerization in swing unit of petro chem.	10000	0
103	M/s. Shloak Chemical India Pvt. Ltd., Plot No. 21, Sector-3, Industrial Area, Pithampur, Dist. Dhar	Spent solvent	250	3.94
104	M/s. Shailchem Distillate Pvt. Ltd., Plot No. 139-A, 140-142-A, AKVN Industrial Area, Meghnagar, Dist. Jhabua	Spent solvent	2500	0
105	M/s. Tanishi Organo Chem Plot No. 49-B, Sector-2, Industrial Area, Pithampur, Distt. Dhar	Spent solvent	240	115
106	M/s. Krish Enterprises, Plot No. 309/A-1, Udyog Nagar, Palda, Indore, Distt. Indore	Spent solvent	1000	0

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
107	M/s. Mittal Appliance Ltd., Plot No. 75, Sector-3, Industrial Area, Pithampur, Dist. Dhar	Insulated copper wire scrap/coppe with PVC sheathing ISRI Code material name 'druid'	24000	0
108	M/s. Shalni Plastic Pvt. Ltd., Plot No. 103, 104, 285, Shri Ram Marg, Maksi, Dist. Shajapur	Zinc Ash Zinc dross/bottoom dross Brass dross	2000 MT 600 MT 1000 MT	0
109	M/s. Maa Gomti Steel Industries, (Lead & Copper unit) Plot No. 143, 144-A, Sector-E, Industrial Area, Indore	Insulated copper wire scrap)(IV-2,7) Copper dross & PVC sheathing including ISRI	1840	0
110	M/s. Baba Metals, Plot No. 722-B, Sector-3, Pithampur, Distt. Dhar	Cleaned barrel/ Drums/ container for industrial Re-use	30,000 Nos./year	
111	M/s. Eco-Cycler Traders Plot No. 205, Sector-3, Industrial Area, Pithampur, Dist. Dhar	Cleaned barrel/ Drums/ container for industrial Re-use	96000 Nos./year	0
112	M/s. Saurabh Industry, Plot No. 55-J, Industrial Area, Maksi Road, Ujjain	Spent solvent	1200	0
113	M/s. Satyamitra Sales & Trading Co. Ltd., Plot 23-B, Industrial Area, Sanwer Road, Indore	Empty Barrles/Containers/liners contaminated with H.W. chemical	5,00,000 Nos/year	0
114	Ms/. Mittal Coin Pvt. Ltd., Plot No. 76, Sector-III, Industrial Area, Pithampur, Distt. Dhar	Insulated copper wire scrap)/ copper with PVC sheething (Sch.IV-2,7) Copper dross	28000 MTA	0

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
115	Krasoma Bio Chem Pvt. Ltd., Plot No. 254 , Sector-3, Industrial Area ,Pithampur, Dhar	Utilization of spent HCL generated from steel rolling mills for producing ferric chloride	18000	7933.416
116	M/s Divya Refinery Pvt.Ltd. Vill. Jignahat Distt. Satna	Used oil	4150	528
117	M/s Orient Paper Mill Amlai Distt. Shahdol	Utilization of hazardous waste S.N.13- Utilization of process sludge and primary ETP sludge generated from Pulp & Paper Industries for producing Paper Board/ Mill Board/ Card Board	3000	1579

Table 16(h): Madhya Pradesh-Details of Hazardous waste disposed in Common TSDF(s)

S. No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Madhya Pradesh Waste Management Project, Pithampur	0	469.6	1697.0	30753.3	4585.87	1697.0	30753.3	3375.6	0	0	1679.9	32450.3	5500	20000	70000

Table 16(i): Madhya Pradesh-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	National Steel & Agro Ind. Ltd., (CGL Div.), Gram Sejwaya, Dist. Dhar	Incinerable	2 Kl/hr	0	24.579	24.579
2	M/s RSAL Steel Pvt. Ltd., Vill. Sejwaya, Post Ghatabillod, Dhar	Incinerable	100 L/hr	0	46.784	46.784
3	M/s IPCA Labouratories Ltd. Ratlam	Incinerable	2	0	509.707	509.707
4	M/s KEC International Ltd., Village-Deori, Jabalpur	Landfill	0	16500 m3	258.34	8864
5	M/s Navin Fluorine Internation Ltd., Industrial area A B road, Dewas	Incinerable	0.07	0	0	0
6	M/s Sun Pharmaceutical Pvt. Ltd., Industrial area A B Road, Dewas	Incinerable	0.1042	0	71	71

17.
MAHARASHTRA
(Hazardous waste generation and its Management)

Table 17(a)**: Maharashtra-Details of Hazardous waste Generation**

S.No	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year (Metric Tonne)	Quantity of HW exported during the year (Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Ahmednagar	103	1569	3495.23	6414.91	261.72	1395.29	0.8	2698	0	-	-
2	Akola	20	807	270.7	481.42	1.02	103	306	0.2	0	-	-
3	Amravati	42	9331.01	181.7	189.98	65.4	761	27	0.02	0	-	-
4	Aurangabad	254	25241.09	25535.31	35648.37	28004.6	18916.9	471.1	21430.18	540.82	-	-
5	Beed	15	155.45	519.58	848.6	0	0	0.42	1.2	0	-	-
6	Bhandara	34	4781.7	157.66	994.29	0.6	1575	80	0	0	-	-
7	Buldhana	16	2115.25	213.96	24.7	60.6	25	41	1.5	0	-	-
8	Chandrapur	99	11299.36	1955.47	1729.42	264	467	245	10.1	44.1	-	-
9	Dhule	29	5781.72	537.26	399.94	4.2	356.5	2.87	101.1	0	-	-
10	Gadchiroli	4	762	0	2	0	0	0	10.5	0	-	-
11	Gondia	9	2444	0.6	18407.8	144	0	2	10	0	-	-
12	Hingoli	4	0	16	1.1	0	0	19.42	1.5	0	-	-
13	Jalgaon	89	11797.5	11595.4	70230.16	278.3	311.58	10.26	350.1	0	-	-
14	Jalna	28	18626.67	7463.98	158.28	320.5	34.45	0.22	9.8	0.2	-	-
15	Kolhapur	192	33425.74	4637.09	3443.73	590	17181.84	3191.69	3410.1	1.2	-	-
16	Latur	19	222.86	7490.98	2.82	240	265.14	69.58	0.86	0	-	-
17	Mumbai City	404	37403.18	13423.84	116755.85	7538.8	4303.62	1615.1	1744.56	1901.02	-	-
18	Mumbai Suburban										-	-
19	Nagpur	299	39029.16	8382.96	31049.49	2309.46	18533	1780	237.56	1.54	-	-
20	Nanded	23	460.93	34.55	217.61	425.48	116.65	248.97	1.2	0	-	-
21	Nandurbar	13	598.9	1079.55	6.43	0	3.48	1.51	27.5	0	-	-
22	Nashik	280	26420.95	20295.63	12810.9	3345.6	8099.86	5.42	25.13	113.9	-	-
23	Osmanabad	12	228	1929.74	4.8	2.8	33.48	131.58	1.47	0	-	-

S.No	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year (Metric Tonne)	Quantity of HW exported during the year (Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
24	Palghar	615	66250.41	13836.45	311097.58	20808.06	46679.63	5324.46	29342.43	41.14	-	-
25	Parbhani	6	0	12286.8	4.7	0	0	36.75	8.5	0	-	-
26	Pune	993	86049.77	63134.97	77117.9	18355.33	32873.28	11427.62	10670.1	6625.04	-	-
27	Raigad	621	161070.88	71162.28	270110.1	20240.8	65019.47	7545.89	2902.38	4054.62	-	-
28	Ratnagiri	98	15115.04	5811.32	10107.19	393.08	9580.98	610	1.12	1.34	-	-
29	Sangli	77	6478.91	9664.62	5543.3	1223.8	52.8	1686.76	0.9	0.1	-	-
30	Satara	157	5760.22	2622.87	2422.58	69.59	1556.17	891.42	34.76	1.2	-	-
31	Sindhudurg	7	2060.92	3.36	64.58	0	0	0	2	0	-	-
32	Solapur	161	6070.78	2538.15	12730.87	716.2	1146.18	6039.32	13.31	28.31	-	-
33	Thane	1579	141603.26	62737.87	101981.45	170751.83	63342.07	9376.24	35491.98	31793.02	-	-
34	Wardha	25	2113	250.96	114.98	12	1491	4	0.1	0	-	-
35	Washim	2	79	0	7.3	0	1	3	7.8	0	-	-
36	Yavatmal	24	289.24	19.87	388.9	1.44	13	3	0.37	0	-	-
	Total	**6353**	**725442.9**	**353286.71**	**1091514.03**	**276429.21**	**294238.37**	**51198.4**	**108548.33**	**45147.55**	-	-

Table 17(b): Maharashtra- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	---	0	---	0
2	For disposal at common Incinerator	Goa	2624.92	---	0
3	For recycling by Schedule IV recyclers	---	0	---	0
4	For utilization in co-processing (cement plants)	---	0	---	0
5	For utilization under Rule 9 (other than co-processing)	---	0	---	0

Table 17(c): Maharashtra-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)			
			Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than column 19 & 20)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than column 19 & 20)
		14	15	18	17	18	19	20	21
1	Ahmednagar	2698	-	-	-	-	-	-	-
2	Akola	0.2	-	-	-	-	-	-	-
3	Amravati	0.02	-	-	-	-	-	-	-
4	Aurangabad	214308.18	-	-	-	-	-	-	-
5	Beed	1.2	-	-	-	-	-	-	-
6	Bhandara	0	-	-	-	-	-	-	-
7	Buldhana	1.5	-	-	-	-	-	-	-

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)			
			Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than column 19 & 20)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than column 19 & 20)
		14	15	18	17	18	19	20	21
8	Chandrapur	10.1	-	-	-	-	-	-	-
9	Dhule	101.1	-	-	-	-	-	-	-
10	Gadchiroli	10.5	-	-	-	-	-	-	-
11	Gondia	10	-	-	-	-	-	-	-
12	Hingoli	1.5	-	-	-	-	-	-	-
13	Jalgaon	350.1	-	-	-	-	-	-	-
14	Jalna	9.8	-	-	-	-	-	-	-
15	Kolhapur	3410.1	-	-	-	-	-	-	-
16	Latur	0.86	-	-	-	-	-	-	-
17	Mumbai City	1744.56	-	-	-	-	-	-	-
18	Mumbai Suburban								
19	Nagpur	237.56	-	-	-	-	-	-	-
20	Nanded	1.2	-	-	-	-	-	-	-
21	Nandurbar	27.5	-	-	-	-	-	-	-
22	Nashik	25.13	-	-	-	-	-	-	-
23	Osmanabad	1.47	-	-	-	-	-	-	-
24	Palghar	29342.43	-	-	-	-	-	-	-
25	Parbhani	8.5	-	-	-	-	-	-	-
26	Pune	10670.1	-	-	-	-	-	-	-
27	Raigad	2902.38	-	-	-	-	-	-	-
28	Ratnagiri	1.12	-	-	-	-	-	-	-
29	Sangli	0.9	-	-	-	-	-	-	-
30	Satara	34.76	-	-	-	-	-	-	-
31	Sindhudurg	2	-	-	-	-	-	-	-
32	Solapur	13.31	-	-	-	-	-	-	-

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)			
			Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than column 19 & 20)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than column 19 & 20)
		14	15	18	17	18	19	20	21
33	Thane	35491.98	-	-	-	-	-	-	-
34	Wardha	0.1	-	-	-	-	-	-	-
35	Washim	78	-	-	-	-	-	-	-
36	Yavatmal	0.37	-	-	-	-	-	-	-
	Total	**301496.53**	-	-	-	-	-	-	-

Table 17(d): Maharashtra-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Ahmednagar	2895.29		0.8					
2	Akola	103		306					
3	Amravati	761		27					
4	Aurangabad	19916.9		471.1					
5	Beed	0		0.42					
6	Bhandara	1575		80					
7	Buldhana	25		41					
8	Chandrapur	467	-	245	-	-	-		-
9	Dhule	356.5	-	2.87	-	-	-		-
10	Gadchiroli	0	-	0	-	-	-		-
11	Gondia	0	-	2	-	-	-		-
12	Hingoli	0	-	19.42	-	-	-		-
13	Jalgaon	311.58	-	10.26	-	-	-		-
14	Jalna	34.45	-	0.22	-	-	-		-
15	Kolhapur	17181.84	-	3191.69	-	-	-	**2624.92**	-
16	Latur	665.14	-	69.58	-	-	-		-
17	Mumbai City	4303.62	-	1615.1	-	-	-		-
18	Mumbai Suburban		-		-	-	-		-
19	Nagpur	18533	-	1780	-	-	-		-
20	Nanded	116.65	-	248.97	-	-	-		-
21	Nandurbar	3.48	-	1.51	-	-	-		-
22	Nashik	8099.86	-	5.42	-	-	-		-
23	Osmanabad	33.48	-	131.58	-	-	-		-
24	Palghar	46679.63	-	5324.46	-	-	-		-
25	Parbhani	0	-	36.75	-	-	-		-
26	Pune	32873.28	-	11427.62	-	-	-		-
27	Raigad	65019.47	-	7545.89	-	-	-		-

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
28	Ratnagiri	9580.98	-	610	449.7	-	-		-
29	Sangli	52.8	-	1686.76	-	-	-		-
30	Satara	1556.17	-	891.42	-	-	-		-
31	Sindhudurg	0	-	0	-	-	-		-
32	Solapur	1146.18	-	6039.32	-	-	-		-
33	Thane	65342.07	-	9376.24	-	-	-		-
34	Wardha	1491	-	4	-	-	-		-
35	Washim	1	-	3	-	-	-		-
36	Yavatmal	13	-	3	-	-	-		-
	Total	**299138.37**	**0**	**51198.4**	**449.7**	**0**	**0**	**2624.92**	

Table 17(e): Maharashtra-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Ahmednagar	-	-	-	-	79.488			
2	Akola	-	-	-	-	0.5			
3	Amravati	-	-	-	-	0.9			
4	Aurangabad	-	-	-	-	80.025			
5	Beed	-	-	-	-	0			
6	Bhandara	-	-	-	-	0			
7	Buldhana	-	-	-	-	0			
8	Chandrapur	-	-	-	-	366.317			
9	Dhule	-	-	-	-	1.8			
10	Gadchiroli	-	-	-	-	1.89			
11	Gondia	-	-	-	-	0			
12	Hingoli	-	-	-	-	0			
13	Jalgaon	-	-	-	-	111.448			
14	Jalna	-	-	-	-	0			
15	Kolhapur	-	-	-	-	689.297			
16	Latur	-	-	-	-	0.85			
17	Mumbai City	-	-	-	-	411.846			
18	Mumbai Suburban	-	-	-	-	0			
19	Nagpur	-	-	-	-	110.869			
20	Nanded	-	-	-	-	0			
21	Nandurbar	-	-	-	-	0			
22	Nashik	-	-	-	-	36.729			
23	Osmanabad	-	-	-	-	3.513			
24	Palghar	-	-	-	-	5372.135			
25	Parbhani	-	-	-	-	0			
26	Pune	-	-	-	-	3937.6			
27	Raigad	-	-	-	-	725			
28	Ratnagiri	-	-	-	-	144.015			
29	Sangli	-	-	-	-	1.705			

30	Satara	-	-	-	-	3537.45
31	Sindhudurg	-	-	-	-	0
32	Solapur	-	-	-	-	1.51
33	Thane	-	-	-	-	378.251
34	Wardha	-	-	-	-	0
35	Washim	-	-	-	-	0
36	Yavatmal	-	-	-	-	0
	Total	-	-	-	-	**15993.138**

Table 17(f): Maharashtra-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No.	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross	47	63055	6751.02
2	Zinc Bearing Wastes	65	90555	
3	Copper Bearing Waste	70	83053	
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	24	30540	3135.034
5	Lead bearing waste including battery waste	89	344432	31123.148
6	E-Waste	68	71660	
7	Paint and ink Sludge/residues	5	24550	
8	Used oil	75	209179	21090.11
9	Waste Oil		266610	7240.523
	Total	**443**	**1183634**	**69339.835**
B	**Utilization of HW under Rule 9**			
1	Recovery of solvents from spent solvents	7	27000	1045.398
	De-contamination of contaminated drums/containers/ barrels	4	2813.6	2065.98
	Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal	7	17320	-
	Used Food grade HNP/ Rolling oil	1	1000	10

S.No.	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
	PVC Waste Sealer	1	300	
	Tyre Scrap	1	32000	
	Total	**21**	**80433.6**	**3121.378**
C	**Co-processing in Cement Plants**	-	-	-

Table17(g): Maharstra-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s. Bharti Rubber Lining and Allied Service P. Ltd. Plot No. C-49, TTC Indl. Area Pawane Village, Navi Mumbai	Copper Druid Copper Dross Copper Residues Copper Oxide Mill Scale Brass Dross Zinc Ash Brass Scrap Copper Scrap and Zinc Dross	10000	
2	M/s. Accent Metals Pvt. Ltd. Plot No. C-46, TTC Industrial Area, MIDC Pawane, Navi Mumbai - 400 708	Copper Druid Copper Dross and Brass Dross	4900	
3	M/s Nizalco Metals P. Ltd. Plot No.C-353, TTC Industrial Area, MIDC Turbe, Navi Mumbai	Copper Druid Copper Dross Brass Dross & Zinc Scrap	3600	
4	M/s. R. K. Manufacturing Company Plot No. A-395, TTC MIDC, Mahape, Navi Mumbai-400710	Brass scrap, Dross and ash, Zinc scrap, Dross, cake, residue and ash, Copper, cake, copper Oxide mill scale, Copper Cables, Druid and relay cables.	2700	
5	M/s. Maurya Metal Pvt. Ltd. Plot No. A-762, TTC Industrial Area MIDC, Khairane, Navi Mumbai – 400 709	Brass Scrap, Scrap Brass, Dross Copper Scrap, Copper Dross, Copper Residues, Copper Druid, Zinc Scrap, Zinc Dross, Zinc Ash & Skimmings and Zinc Residues	4800	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
6	M/s. B. R. Steel Products Pvt.Ltd. Plot No.C-39(B&C) Near Krishna Steels, Pawane Village TTC Industrial Area, Mhape, Turbhe, Navi Mumbai-400 705	Copper residue Cakes Copper dross Brass dross Zinc dross Zinc skimming Zinc ash and spent catalyst containing Nickel	1300	
7	M/s. Sigma Chemical Industries Plot No. H-6, MIDC Taloja, Tal-Panvel, Dist.- Raigad	Zinc Ash & Zinc Waste	500	
8	M/s. Aryavart Chemicals Pvt. Ltd. Plot No.G-14/3, MIDC Taloja, Tal-Panvel, Dist-Raigad	Spent Nickel Catalyst	300	
		Copper Reverts & Cakes	100	
9	M/s. Sunshine Laboratories (I) Pvt. Ltd. Plot No. D-63, MIDC, TTC, Turbhe, Navi Mumbai	Copper Scrap, Brass Scrap, Zinc Scrap and Copper Druid Brass, Copper & Zinc (Dross, druid, Slag, Scrap, ash, residue) Dross, Slag, Scrap, Ash, Residue and Druid of Copper, Brass & Zinc	10000	
10	M/s. Reliable Metal Refinery W-185, TTC, MIDC, Pawane Village, Thane-Belapur Road, Navi Mumbai-400705	Brass Scrap & Dross, Zinc Scrap, Dross, Ash, Residue and Skimming and Copper Scrap, Dross, Residue & Druid	1800	
11	M/s. Tean Eleven Metchem Technology Pvt. Ltd. Shed no. W- 73(11), MIDC area, Taloja, Tal. Panvel, Dist. Raigad	Copper Scrap	900	
		Zinc Ash	300	
		Spent Ni Catalyst	1350	
12	M/s. Rohini Metal Alloys B-56, Kagal Hatkangale Industrial Area Kolhapur, Maharashtra	Copper Scrap	100	
13	M/s. Astron Engineers (I) Pvt. Ltd. GAT No. 131, Near Lavale Phata, Tal. Mulshi, Dist. Pune	Copper Scrap, Brass Scrap, Zinc Scrap and Copper Druid	4500	
14	M/s. Hamirani Metals P. Ltd.	Copper Druid	3000	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
	10/3/4, Village Kiwale, New Mumbai Bangalore Highway, Kiwale -412 101	Copper Scrap Zinc Scrap & Brass Scrap	2160	
15	M/s. Monika Metal Corporation S. No. 79, Plot No. B, Opp. Bhairav Nath Temple, Kudulwadi, Chikali, Pune – 412 114	Copper Dross Copper Druid Copper Residues Copper reverts Copper Cakes Zinc Skimmings Brass Scrap & Brass Dross	2400	
16	M/s. HSR Enterprises GAT No. 799, Pawar Vasti, Vishnu Nagar, Near Kohinoor Weigh Bridge, Chikali, Dist. Pune- 412114	Copper Scrap, Copper Druid, Jelly filed Copper cables and Brass Scrap	1000	
17	M/s. Bharat Industries Plot No. 46, Phase-II Ramtekadi Industrial Estate, Hadapsar, Pune-411013	Brass Scrap & Copper Scrap	500	
18	M/s. Variety Metals Pvt. Ltd. Plot No. 21/22, Block D-1, MIDC, Chinchwad, Pune – 411 019	Brass Scrap, Copper Scrap, Waste Copper, Copper alloys & Zinc Scrap	980	
19	M/s. Kushal Metal Pvt. Ltd. Gat No. 245,246,247, 249 /2, Plot No. 5,6, Kharbwadi, Chakan, Pune- 410501	Waste Copper, copper scrap, dross, copper cables, Zinc scrap, brass scrap, druids	2400	
20	M/s. Laxmi Foundry S. No. 10, H.No:2/1, 2/2, Kharadi, Tal. Haveli, Pune	Copper Scrap Waste	360	
21	M/s. Trimurti Chemicals Plot no: A-37, MIDC Tembhurni Tal: Madha Dist: Solapur	Zinc Ash, Copper Ash, Brass Ash and Spent Nickel Catalyst	720	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
22	M/s. Makaney Metals G. No. 1259 Sanaswadi Tal. Shirur, Dist. Pune	Copper alloy, Bronze alloy, copper cables, copper dross, aluminium alloy, tin alloy, tin dross, tin scrap	5000	
23	M/s. High-Tech Recycling Pvt. Ltd. Gut No. 42, Plot No. 657, A/p. Bhukum, Tal. Mulshi, Dist. Pune	Copper David, Copper Wire	650	32.8
24	M/s. Pranam Enterprises, S. No. 286/1/6, Next to Bodhe Warehouse, Village Vavli, Devachi, Tal. Haveli, Dist. Pune	Insulated Copper Wire, Jelly filled copper cable	2100	
25	M/s. Gold Star Alloys, Plot No. 276, Sec-7, PCNTDA, Bhosari, Dist. Pune 411026	Zinc Dross, Scrap Aluminium Dross, Scrap	2400 1200	
26	M/s. Surchem Chemicals Pvt. Ltd. Plot No: F-12/3, MIDC , Tarapur, Boisar, Dist: Thane-401506	a) Copper waste containing cable, spent catalyst, dross, cake, mill scale, residue, reverts, ETP Sludge. b) Zinc Waste containing spent catalyst dross. c) Cobalt Waste containing spent catalyst, PTA Catalyst, Scrap, ash & ETP Sludge. d) Molybdenum waste containing spent catalyst, scrap, residue, ash & ETP Sludge e) Nickel Waste Containing spent catalyst, residue, sludge, spent Raney Nickel & ETP Sludge	5000	
27	M/s. J.K. Corporation Gali No. 9 & 10, Walia Indl. Area, Village Sativali, Vasai(E), Dist. Thane-401 208	Zinc Ash Zinc Residues & Zinc Scrap	2700	
28	M/s. Metal Care Alloys Pvt. Ltd. Plot No. 36, 37, Angaon Industrial Area, Tal. Talasari, Dist. Palghar	Scrap, Dross and Skimming of Brass Copper, Zinc and copper Drid Copper Oxide mill scale copper everst, copper cokes and residue	10800	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
29	M/s. Arihant Chemical Company Plot No. S-29, MIDc Tarapur, Tal. & Dist. Palgahar	Zinc dust / Dross, Zinc Ash, Zinc hydroxide, zinc Tin Waste, Zinc Scrap, Copper Scrap / Dross / Oxide, Epoxy powder containing copper, Spent Catalyst containing copper, ETP Sludge (Metal Hydroxide Sludge) Mill Scale, Nickel Scrap, Spent Catalyst containing Nickel	3730	
30	M/s. Dharmit Recycling Industries Ltd. Plot No. G-4, MIDC Tarapur, Tal. & Dist. Palghar	Non Ferrous	3600	
31	M/s. Vijay Chem Industries Survey No. 150 A/2, Saparonde Village, Kondala Road, Dist. Thane	Zinc Ash	1250	
32	M/s. Rajkob Industries Plot No. N-41, MIDC Tarapur, Boisar, Dist. Thane – 401 506	Copper Scrap Copper Dross Spent Catalyst containing Copper Copper Oxide Mill Scale Nickel Scrap Spent Catalyst Containing Nickel Zinc Dross and Zinc Scrap	720	
33	M/s. Vineeth Chemicals Unit No. I, Agarwal Industrial Estate No. 3, Sativali Road, Vasai(E), Dist. Thane	Spent Nickel Catalyst & Nickel Scrap	250	
34	M/s. Vineeth Precious Catalyst (P) Ltd. 9 & 10, Estate No. 3, 15 to 18 Building No. 8, Agarwal Udyog Nagar, Sativali Road, Vasai(E), Dist. Thane-401208	Spent Nickel Catalyst & Nickel Scrap	250	
		Copper Scrap and Zinc Scrap	150	
35	M/s. R.T.Jain & Co. Plot No.F-1/19, MIDC Tarapur, Boisar , District Thane	Brass scrap, Copper scrap, Copper Slag, Zinc Ash, zinc skimmings	100	
36	M/s. A.I.C. Chemical Private Ltd. Mohan Mill Compound Kolshet Road, Thane(West)	Brass scrap, copper scrap, copper slag, zinc ash, zinc skimmings	3000	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
37	M/s. Mardia Tubes Ltd. Plot No. J-56, MIDC, Tarapur, Tal. Palghar, Dist. Thane	Copper Scrap, Brass Scrap, Zinc Scrap, Copper Dross, Brass Dross, Zinc Dross, Zinc Ash & Skimming	2900	
38	M/s. Salema Chemicals Pvt. Ltd. Plot No: T-10, MIDC Tarapur, Dist: Thane	Zinc Waste/Scrap/Zinc Dross	720	
39	M/s. Karan Metals Plot No: S-6, MIDC Tarapur, Dist:Thane	Zinc ash skimming, Zinc Dross, Zinc Scrap, Copper dross, Copper Mill Scale, Brass Dross and Brass scrap	3000	
40	M/s. Indian Metal and Chemicals Corporation Plot no: T-5, MIDC Tarapur Boisar, Dist: Thane	Zinc Dross and zinc ash	480	307.01
41	M/s. Balaji Chemicals Plot no: W-159, MIDC Tarapur , Dist : Thane	Zinc Ash, Copper Ash, Brass Ash and Spent Nickel Catalyst	720	
42	M/s. C. S. Trading, Plot No. 188, MIDC, Tarapur, Tal. Palghar, Dist. Thane	Scrap Nickel	50	
43	M/s. Pooja Chemicals Plot No. N-176, MIDC, Tarapur, Tal. & Dist. Palghar	Zinc Scrap, Copper Scrap	2100	
44	M/s. Metallica Industries, Unit No. 1, Gala No. 17, 18, 19, 25, S. I. E. Vill. Vasai, Thane	Copper, Brass, Zinc Scrap, Copper and Brass dross	2220	
45	M/s. Uttam Chemicals Plot No. T-87, MIDC Tarapur, Tal. Palghar, Dist. Thane	Spent Catalyst, Containing, Nickel, Zinc, Copper, Dross & Zinc Dross	160	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
46	M/s. Indian Scrap Traders Sr. No. 11, Hissa No. 3/A, Ghusiya Market, Vill. Pimpri, Dahisar Mori, Tal. & Dist. Thane	Zinc Scrap & Zinc Ash, Brass Scrap, Copper Scrap, Copper Druid, Copper Cables, Copper Dross, Copper Reverts	170	
47	M/s. KVB Processors Pvt. Ltd. Plot No. 24/25, S. No. 441/2, 4, 64, Vill. Mahim, Tal. & Dist. Palghar	Zinc Dross, Zinc Scrap, Zinc Skimming	16440	
48	M/s. Umicore India Pvt. Ltd. Plot No. 150/152, Ayesha Compound, Beside Konark Construction, Chincholi Bhiwandi Road, Ahed of Kaman Village, Vasai E, Thane 401208	Ceramic / Metallic / Cake catalyst waste (Part of Catalytic Convertors)	15	
49	M/s. Metalloy Linkers, Gut No. 92p/2, 93p/2, Village Kudus, Tal. Wada, Dist. Palghar	Copper, Brass, Zinc & Aluminium	1000	
50	M/s. Kothari Enterprises Mujbi, P.O. Bela, Tah. Dist. Bhandara	Zinc Ash Zinc Dross Zinc Scrap and Zinc Skimmings	1600	
51	M/s. Dhatu Nigam Village Tekadi, Jabalpur Road, P.O. Kanhan 441401 Nagpur	Zinc Scrap & Zinc Ash	192	
52	M/s. Gaurav Industries U-152, MIDC Estate, Hingna Road, Nagpur-440016, Maharashtra	Zinc Ash	540	
53	M/s. Vidarbha Nicel Pvt. Ltd. C-33, MIDC Hingna, Nagpur-440028	Spent Nickel Catalyst	1020	
54	M/s. Shree Metals (Mujbi) Private Limited Plot No.312/2, At. Mujbi P.Bela, Tah./Dist. Bhandara-441 904	Zinc Dross Zinc Ash & Zinc Residues	4795	3526.167
		Brass Dross	560	
		Copper Scrap	720	2383.773

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
55	M/s. Govind Metal Industries Khasra No.60/1, Station Road, Bhandara	Brass Dross, Copper Dross, Zinc Dross and Zinc Ash	876	36.101
56	M/s. Rishabh Meta Process Gut No.27/1, Village: Jamni (Dhaba), Station Road, Tal. + Dist. Bhandara-441904	Zinc Ash, Zinc Dross, Copper Dross, Brass Draoss, Copper Oxide Mill Scale, Waste Copper	10000	
57	M/s. Shakti Industries B-44, MIDC, Kalmwshwar, Dist. Nagpur -441501	Spent Nickel Catalyst	1000	
58	M/s. Nagraj Alloys Pvt. Ltd. Survey no: 41, P.H. No: 20, Village: Asoli, Mouza, Mahalgaon, Tal: Kamptee, Dist: Nagpur	Copper Scrap/ jelly filled copper cables	600	
		Brass Dross Scrap		
59	M/s. Ganaraj Alloys Pvt. Ltd. C-4, MIDC, Kalmeshwar, Nagpur	Spent Nickel Catalyst and Spent Molybdenum Catalyst	720	
60	M/s. Shree Ram Metals Plot No: 28, Survey No: 04, Kapsi Kurdh, Tal: Kamptee, Dist: Nagpur	Copper Scrap	600	
		Brass Scrap	600	
61	M/s. Rohini Metal Industries, S. No. 71/2, P. H. 53, Vill. Sawdi, Tal. Kuhi, Dist. Nagpur	Scrap & Copper cable, Copper Dross, Jelly filled copper cable, copper dride, residue & Coke Copper alloys	6000	
		Braas sacrp Dross	3300	
		Zinc Dross	1500	
62	M/s. ABN Metal Industry Plot No. C-103, MIDC Butibori, Dist. Nagpur	Copper catalyst & Residue, Nickel Catalyst & Residue, Molybdenum Catalyst & Residue, Cobalt Catalyst & Residue, Tungsten Catalyst & Waste, Precious Metal Catalyst & Zinc Catalyst	1450	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
63	M/s. Shri Krishna Udgoy, Sr. No. 68/1, Moja Ganeshpur, Takiya Ward, Bhandara	Brass Dross, Copper Dross, Copper Oxide Mill Scale Copper Reverts, Cake & Copper Alloys in dispersible Form, slag from Copper Processing Insulated Copper Wire	12000	
64	M/s. Metal Press India 146 BCD, Industrial Estate, Charkop Kandivli (W), Mumbai – 400 067	Copper Scrap. Brass Scrap & Zinc Scrap	450	
65	M/s. Arjandas Metals Industries Pvt. Ltd. Saki Vihar Road, Arjandas House, Sakinaka , Mumbai - 400 072	Brass Scrap Brass Dross Copper Scrap and Copper Dross	8100	
66	M/s. Shri Hari Extrusion Ltd. Ashok Nagar, A.C. Road, Near Bank of Baroda, Kandivali (East), Mumbai	Brass Dross Copper Dross Zinc Dross and Copper Cable i.e. Dried Copper Residues Zinc Scrap and Zinc Ash & Skimming	9000	
67	M/s. Bharat Moulding Works, 3/7, Ram Mandir, Industrial Estate, Ram Mandir Road, Goregaon East, Mumbai 400063	Copper Scrap	190	
68	M/s. S. P. Chemicals Gate No. 84, Vikram Road, Erundal 425- 109, Dist. Jalgaon, Maharashtra	Spent Nickel Catalyst and Nickel Scrap	600	
69	M/s. Aditya Industries 474, Naigaon Road, At Shinde Village, Nashik-422002, Maharashtra	Copper Scrap Zinc Ash & Zinc Dross	1000	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
70	M/s. Suhans Chemicals Pvt. Ltd. D-46/5, 46/4, MIDC Area Jalgaon-425 003	Spent Catalyst containing Nickel	610	
71	M/s. M.S. Malik S. No. 5/1, 2, 3/4, At. Po. Vilholi, Tal. & Dist. Nashik 422010	Zinc Ash, Zinc Dross Copper Ash/Dust	2400 1200	
72	M/s. Adityas Impex, Plot No. D-101, MIDC Ahmednagar, Tal. & Dist. Ahmednagar	Copper Druid (Only for separation of copper and PVC by peeling process	360	
73	M/s. Zinco Chem Industries, S. No. 5/1+2+3/3, BH. Power Deal Company, Vilholi, Tal. & Dist. Nashik 422010	Zinc Ash	90	
74	M/s. Raniganj Chemical Works Plot No. A-12, MIDC Chemical Zone, Kalyan Badlapur Road, Ambernath, Dist. Thane -421501	Zinc Ash & Zinc Scrap	140	
75	M/s. Parag Sulpha Chemicals Tech Shed No.-18, Chemical Zone MIDC Ambernath, Dist-Thane, Maharashtra	Spent Catalyst containing Copper Scrap, Copper Oxide Mill Scale and Copper Residues	160	
76	M/s. Heena Metal Pvt. Ltd. Mumbai Nashik Highway, Wad Village, Khativali, Tal. Shahapur, Dist. Thane	Scrap / Dross of Brass Copper, Insulated copper wire with PVC sheeting including ISL Code, Brass Ash / Skimming / Residues / Copper Ash / Skimming / Residues	1800	
77	M/s. Muby Chemicals W-105, Behind Hamilton Cycles, MIDC Ambernath-421 501, Distt. Thane	Zinc Ash Zinc Residues Zinc Dross & Zinc Skimming	860	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
78	M/s. Monarch Catalyst Pvt. Ltd. Plot No.A-94 & F-1/2, MIDC Phase-1, Dombivili (E), Distt. Thane-421 203	Spent Catalyst containing Nickel	2000	
79	M/s. Om Balaji Inorgo Metal Pvt.Ltd.W-71/B, MIDC Chikhloli, Ambernath, Dist. Thane-421 505	Spent Nickel Catalyst	350	208.1
		Spent Catalyst containing copper	100	4.451
80	M/s. Kam-Vit Chemicals Pvt. Ltd.Gut No.45-46 & 47 Village: Kambre, Wada, Distt. Thane, Tal. Wada -421 303	Spent Catalyst containing Nickel, Copper, Copper Reverts, Cakes and Residue, Waste Copper and Copper alloys in dispersible forms, spent cleared metal catalyst containing copper	2880	
81	M/s. Ashok Chemical IndustryVillage Parivali, Post-Angaon, Wada Road, Tal. Bhiwandi, Dist. Thane	Zinc Ash	1200	
82	M/s. Metal Chem Plot No. F-1/16, MIDC Badlapur, P.O. Kulgaon, Dist. Thane-421 503	Spent Catalyst containing Nickel	360	
83	M/s. Agni Industries Gut No. 81, 179-P, Village Lakhmapur, Tal. Wada, Dist. Thane	Lead / Copper / Residue / Dross / Battery Scrap, All grades & Brass Scrap, Copper Scrap, Zinc Scrap, Aluminium Scrap	6000	
84	M/s. Aashumi Chemicals P. Ltd.Gut No. 169B, Village Magathane, Post. Uchat, Mangathane, Dist. Palghar 421312	Copper Dross Copper Oxide Mill Scale Copper Reverts Cakes & Residues Copper Scrap Copper Druid Copper slags Zinc Scrap Brass Dross Brass Scrap and spent Catalyst Containing Copper	2000	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
85	M/s. VAP Industries, E-7/4, MIDC Tarapur, Boisar	Zinc Ash	1200	
86	M/s. Devang Industry Inc. S. No. 217, Plot No. 12-15, Khupri, Tal. Wada, Dist. Thane	Zinc Dross, Zinc ash, Zinc ore, Zinc scull, Zinc residue, Zinc scrap Zinc (Dross, druid, Slag, Scrap, ash, residue)	1800	
87	M/s. Shri Hari Extrusion Ltd. Plot No. 63 -70, Gut No. 984(Part), Village Shirgaon, Tal. Palghar, Thane	Scrap, ash, residue, dross of Copper, Brass, and Zinc dross, slag. Scrap ,ash, residue ,dross, of copper, brass , and zinc	5000	
88	M/s. Green Tech Metal Recyclers Pvt. Ltd. Gat No: 41, Village: Bavali, Tal: Wada, Dist: Thane	Copper Scrap	600	
		Cobalt Scrap	90	
		Nickel Scrap	138	
89	M/s. Grishma Metal Technology Gut No. 107, Vill. BIlavali, Tal. Wada, Dist. Thane	Spent catalyst containing molybdenum and cobalt	1000	253.3
90	M/s. Sunalco Alloys Pvt. Ltd. Gut No. 74, 76, 78(pt), Vill. Lakhampur, Tal. Wada, Dist. Thane	Brass Dross, Copper Dross, Reverts, copper druid and zinc dross, Zinc Ash, Zinc Skimmimgs, copper cabels (relay)	10800	
91	M/s. Shree Laxmi Metal Industries,G. No. 62, 64, Vill. Chindwadli, Wada Shahapur Road, Wada, Dist. Palghar	Scrap / Dross / Milk Scale / Residue of Copper, Copper Oxide, Copper Druid	1200	
		Dross / Scrap of Brass	600	
		Zinc Dross / Zinc Scrap / Ash	960	

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92	M/s. Shree Gurudutt Chemicals Gut No. 378, Aurangabad-Pune Road, Tal. Gangapur, Dist. Aurangabad	Zinc Dross & Zinc Ash Scrap	1440	
93	M/s. Mercury Metal IndustriesPlot No. D- 48, MIDC Mahad, Raigad	Copper Dross, Scrap, Zinc Ash and Druid of Copper, Brass and Zinc for the capacity	450	
94	M/s. Aqsa Stamping, Plot No. 55, Rangara Industrial Estate, 33/35, Kiravali (Adivali), Tal. Panvel, Dist. Raigad	Copper Scrap, Copper Druid, Copper Cables, Copper Dross, Copper Reverts, Grinding Dust, Aluminium Scrap, Zinc Scrap & Zinc Ash, Brass Scrap	2400	
95	M/s. Beetachem Industries W-177, TTC, Pawana Village, Thane Belapur Road, Navi Mumbai	Spent Catalyst Containing Copper & Spent Catalyst Containing Nickel	60	
96	M/s. B. R. Steel Products Pvt.Ltd.Plot No.C-39(B&C) Near Krishna Steels, Pawane Village TTC Industrial Area, Mhape, Turbhe, Navi Mumbai-400 705	Copper residue Cakes Copper dross Brass dross Zinc dross Zinc skimming Zinc ash and spent catalyst containing Nickel	1300	
97	M/s. Aryavart Chemicals Pvt. Ltd.Plot No.G-14/3, MIDC Taloja, Tal-Panvel, Dist-Raigad	Spent Nickel Catalyst	300	
98	M/s. Team Eleven Metchem Technology Pvt. Ltd. Shed no. 73(11), MIDC area, Taloja, Tal. Panvel, Dist. Raigad	Copper Scrap	900	
		Spent Ni Catalyst	1350	
100	M/s. Rajkob Industries Plot No. N-41, MIDC Tarapur, Boisar, Dist. Thane – 401 506	Copper Scrap Copper Dross Spent Catalyst containing Copper Copper Oxide Mill Scale Nickel Scrap Spent Catalyst Containing Nickel Zinc Dross and Zinc Scrap	720	
101	M/s. Vineeth Chemicals Unit No. I, Agarwal Industrial Estate No. 3, Sativali Road, Vasai(E), Dist. Thane	Spent Nickel Catalyst & Nickel Scrap	250	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
102	M/s. Vineeth Precious Catalyst (P) Ltd. 9 & 10, Estate No. 3, 15 to 18 Building No. 8, Agarwal Udyog Nagar, Sativali Road, Vasai(E), Dist. Thane	Spent Catalyst containing Nickel	250	
103	M/s. Balaji Chemicals Plot no: W-159, MIDC Tarapur, Dist : Thane	Zinc Ash, Copper Ash, Brass Ash and Spent Nickel Catalyst	720	
104	M/s. Uttam Chemicals Plot No. T-87, MIDC Tarapur, Tal. Palghar, Dist. Thane	Spent Catalyst, Containing, Nickel, Zinc, Copper, Dross & Zinc Dross	160	
105	M/s. Vidarbha Nicel Pvt. Ltd. C-33, MIDC Hingna, Nagpur-440028	Spent Nickel Catalyst	1020	
106	M/s. Shakti Industries B-44, MIDC, Kalmwshwar, Dist. Nagpur -441501	Spent Nickel Catalyst	1000	
107	M/s. Ganaraj Alloys Pvt. Ltd. C-4, MIDC, Kalmeshwar, Nagpur	Spent Nickel Catalyst and Spent Molybdenum Catalyst	720	
108	M/s. S. P. Chemicals Gate No. 84, Vikram Road, Erundal 425-109, Dist. Jalgaon, Maharashtra	Spent Nickel Catalyst and Nickel Scrap	600	
109	M/s. Suhans Chemicals Pvt. Ltd.D-46/5, 46/4, MIDC Area Jalgaon-425 003	Spent Catalyst containing Nickel	610	
110	M/s. Parag Sulpha ChemicalsTech Shed No.-18, Chemical Zone MIDC Ambernath, Dist-Thane, Maharashtra	Spent Catalyst containing Copper Scrap, Copper Oxide Mill Scale and Copper Residues	90	
111	M/s. Evonik Catalysts India Pvt. Ltd.F-1/2, MIDC Dombivali Phase-1, Dombivali E, Dist. Thane	Spent Nickel Catalyst	2000	1423.64
		Spent precious catalyst B-1120	800	110.672

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113	M/s. Kam-Vit Chemicals Pvt. Ltd.Gut No.45-46 & 47 Village: Kambre, Wada, Distt. Thane, Tal. Wada -421 303	Spent Catalyst containing Nickel, Copper, Copper Reverts, Cakes and Residue, Waste Copper and Copper alloys in dispersible forms, spent cleared metal catalyst containing copper	2880	
114	M/s. Metal Chem Plot No. F-1/16, MIDC Badlapur, P.O. Kulgaon, Dist. Thane-421 503	Spent Catalyst containing Nickel	360	
115	M/s. Aashumi Chemicals P. Ltd.169-B, Village Nangathane, Tal. Wada, Dist. Thane, Maharashtra	Copper Dross Copper Oxide Mill Scale Copper Reverts Cakes & Residues Copper Scrap Copper Druid Copper slags Zinc Scrap Brass Dross Brass Scrap and spent Catalyst Containing Copper	2000	
117	M/s. Riddhi Siddhi Steels & Alloys, Plot No. B-44, MIDC, Kalmeshwar, Nagpur	Spent Catalyst containing Nickel	1000	
118	M/s. Hindustan Platinum Pvt. Ltd.C-12, C-154, TTC, Industrial Area, Pawane, Navi Mumbai	Reprocessing	5000	
119	M/s. Saurabh Metal Refinery Gut No. 143 Plot No. B/4 At. Sapronda, P.O. Kudus Tal. Wada, Dist. Thane	Lead Acid Battery Plates and Lead Scrap	1440	492.744
120	M/s. M D Industries, Gut No. 409/411, Village Usar, Motyacha Pada, Tal. Wada	Lead Acid Battery	1000	
121	M/s. Sharda Metal Refinery Gut No. 434, Dinkarpada, Vill. Kondle, Tal. Wada, Dist. Thane	Lead Acid Battery Plates and Lead Scrap	1440	90
122	M/s. Oswal Resins Pvt. Ltd. Plot No. M-58, Additiona Murbad MIDC, Murbad, Thane	Scrap Lead Acid Batteries and Lead Scrap	2400	

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123	M/s Krishna Metal Refinery Plot No. 143/1-2, Sapronde Village P.O. Uchat, Taluka – Wada, Distt. Thane – 421 030	Lead Acid Battery Plates and Lead Scrap	3000	
124	M/s. Sharshi Metals S.N. 28/1, Part Village Sharshi, Taluka – Wada, Dist. Thane	Lead Acid Battery Plates and Lead Scrap	1200	
125	M/s. Ranchal Industries Gut No.49, Village-Gunj (Kudus), Post-Kupari, Taluka – Wada Distt.Thane-421 312	Lead Acid Battery Plates and Lead Scrap	1200	
126	M/s. R.K. Metal Refinery Gut No.293 & 294, Village-USAR, Kondla Road, P.O.-Kudus, Tal. Wada, Distt. Thane - 421 312	Lead Acid Battery Plates Plates / Lead Scrap	4800	814.562
127	M/s D.K. Metal Works Gut No. 100, At: Kondla Road Village-Kudus P.O. Kudus Taluka-Wada Dist. Thane 421312	Lead Acid Battery Plates /Lead Scrap	4250	
128	M/s Kothari Metallurgical Export Pvt. Ltd. 56 At. Post – Chaindvali Wada – Shahpur Road, Taluka-Wada, Dist. Thane – 421 303	Lead acid battery plates/Lead Scrap	7200	
129	M/s Shakti Metal Industries S.No.261, Village-Abidghar, Taluka: Wada Distt. Thane	Lead Acid Battery Plates & Lead Scrap	5000	
130	M/s Ajay Metal Refinery Gut No.390/6, S.No.1060, Village- Kondhle, Post-Kondhle Tal.Wada, Distt. Thane	Lead Acid Battery Plates and Lead Scrap	2800	

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131	M/s. S. S. Enterprises Gut No.98, Kondla Road, Village-Kudus, Taluka – Wada, Distt. Thane - 421 312	Lead Acid Battery Plates/Lead Scrap	4800	
132	M/s. Deshmukh Lead Pvt. Ltd.S.No.63/4/1B, Wada – Manor Road, At Post Varale, Taluka – Wada, Distt. Thane – 421 303	Lead Acid Battery Plates & Lead Scrap	8000	
133	M/s. G.N. Metal Refinery Survey No.125, Ghonsai Tal. Wada, Distt. Thane – 421 312	Lead Acid Battery Plates/Lead Scrap	2880	
134	M/s. Indore Metal Corporation Survey No.397/p, Dinkar Pada, Kondla Road, KUDUS Taluka– Wada, Distt. Thane	Lead Acid Battery Plates/Lead Scrap	3600	
135	M/s. Samrat Udyog Plot No.147, Village – Sapronda, Post: Kudus, Tal: Wada, Distt: Thane	Lead Acid Battery Plates/Lead Scrap	3000	
136	M/s. Samico International Plot No. 155, Village Sapronda, Post Kudus Tal. Wada, Dist. Thane	Lead Acid Battery Plates & Lead Scrap	2400	
137	M/s. Sarita Metal Refinery Gut No: 53, Village: Supande, Post: Kanchad, Tal. Wada, Dist: Thane	Lead Scrap, Lead acid Battery Scrap	2000	
138	M/s. S.H. Metal Works Plot no: 4, Gut no: 495 & 498 Village: Kondale, Post: Kudus, Tal: Wada, Dist: Thane	Lead Acid Battery Scrap/Plates, Lead Dross & Concentrate of the Capacity	1500	

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139	M/s. Raj Metal Refinery Gut no: 143, Plot no: 5, Uchat Road, Village: Sapronde, Tal: Wada , Dist: Thane	Lead Acid Battery Scrap/Plates, Lead Dross & Concentrate of the Capacity	2400	824.246
140	M/s. S. K. Metal Works Plot No. 5, Gut No. 495 & 498, Village Kondale, Post Kudus, Tal. Wada, Dist. Thane	Lead Acid Battery Plates & Lead Scrap	1500	
141	M/s. Welcome Metal Refinery Gut No. 420, Village: Usar, Post: Kudus, Tal. Wada, Dist.Thane	Lead Acid Battery Plates/Lead Scrap	1500	
142	M/s. Nobel Metals Processing (I) Pvt. Ltd. Sr. No. 225, Plot No. 05, Village Bilavali, Tal. Wada, Dist. Thane	Lead and Lead Ingots	1500	
143	M/s. M. D. Industries, G. No. 409 & 411, Vill. Usar, Motyachapada, Tal. Wada, Dist. Thane	Lead Acid Battery	1000	
144	M/s. Hans Enterprises 1 Meera Golani Complex Opp. Vasai Vajreshwari Road Vasai (East), Dist. Thane - 401 208	Lead Acid Battery Plates & Lead Scrap	1800	
145	M/s. Simplex India 4 Sativali Nagar, Khakhami Indlustrial Complex Ahmedabad Bombay Highway Vasai Dist. Thane	Lead Acid Battery Plates and Lead Scrap	600	
146	M/s. N.V. Metals and Alloys Plot No. 310, Near Shri Hari Fabric Village, Umroli, Taluka Palghar (Palghar Baiser Road) Dist. Thane - 401 404	Lead Acid Battery Plates and Lead Scrap	600	

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147	M/s. Nikhil Metals Works At. Village Umroli, Taluka Palghar, Boisar Road, Plot No. 313, Near Shri Hari Fabrics Dist. Thane	Lead Acid Battery Plates & Lead Scrap	720	
148	M/s. Jarsons Metal 18 Ganesh Industrial Estate, National Highway No. 8, Walive Tungar Fhata, Post Sativali Vasai (East), Dist. Thane – 401 208	Lead acid battery plates/Lead scrap	6000	
149	M/s. Mahalaxmi Metal Works & Alloys Plot No.127, Savroli, Tal. Talsari, Distt. Thane	Lead Acid Battery Plates and Lead Scrap	2200	
150	M/s. Shanti Metal Refinery Near Service Station, Kaman Road, Sativali, Vasai (East), District – Thane – 401 202	Lead Acid Battery Plates & Lead Scrap	1500	
151	M/s. Mahalaxmi Metal Works & Alloys Pvt. Ltd. S. No. 108, Village Pali, Tal. Wada, Dist. Palghar	Battery Scrap, Tin All types of Lead and Lead alloys scrap, Antimony & Aluminium	1200	
152	M/s. MRJS Lead Pvt. Ltd. GAT No. 72 Village Dhanore, Behind PCS Industries Ltd., Alanddi - Markal Road, Tal. Khed, Dist. Pune-412 105	Lead Acid Battery Plates and Lead Scrap	1500	
153	M/s. Swara Industries, S. No. 142/A1, 142/A2/1, 141/10 Plot No. 31, SMP C-op. Industrial Estate, Tal. Muslshi, Dist. Solapur	Lead Acid Battery / Scrap	500	
154	M/s. Variety Metals Pvt. Ltd. Block D-1, Plot No. 21/22, MIDC Chinchwad, Pune	Brass Scrap, Copper Scrap, Waste Scrap, Copper Alloys, Zinc Scrap		

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155	M/s. Chloride Metal Ltd. Gat No.1241, 1242, Markal Taluka- Khed, Distt. Pune- 412 105	Lead Acid Battery Plates Lead Scrap Lead Ashes and Residues	72000	26458
156	M/s. Sakshi Auto Parts Pvt. Ltd. Gat. No. 1427/1-2, Shikrapur, Tal. Shirur, Dist. Pune	Lead acid battery plates/Lead scrap	10,000	
157	M/s. S.K. Naik and Sons S.No. 50/15, Narhe Viallge, Tal: Haveli, Dist: Pune	Lead Acid Battery Scrap/lead Copper Alloy	1800	
158	M/s. Pranam Enterprises, S. No. 286/1/6, Next to Bodhe Warehouse, Village Vavli, Devachi, Tal. Haveli, Dist. Pune	Lead Acid Batteries	3000	
159	M/s. Tandon Metal Pvt. Ltd. Gat No.1242, Markal Taluka-Khed, Distt.Pune Maharashtra-412 105	Lead Acid Battery Plates Lead Scrap Lead Ashes and Residues	24000	
160	M/s. Shah Battery Industries, Plot No. C-16, MIDC Baramati, Tal. Baramati, Dist. Pune	Scrap Lead Acid Battery	2000	25
161	M/s. P. B. Melters, G. No. 123, Kurli, Mohiroad, Tal. Chakan, Dist. Pune	Scrap Lead Acid Battery	1200	
162	M/s. Sigma & Electric Manufacturing Corporation Pvt. Ltd. Unit 1, Gat No. 154/155, Mahalunge Chakan-Telegaon Road, Chakan, Tal. Khed, Dist. Pune	Copper Scrap / Druid	2000	1448.56
163	M/s. Nayan Metal Pvt. Ltd. D-6 MIDC, Lote Parshuram, Tal. Khed, Dist. Ratnagiri-415 722	Lead Acid Battery Plates/ Lead Scrap	960	

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164	M/s. Sterling Lead Pvt. Ltd. Plot No. A-210, A-217, Kagal – Halkanangate Five Star Indl. Estate, Halasavade Tal. Karveer, Dist. Kolhapur	Lead acid battery plates/Lead Scrap	7200	
165	M/s. Rohini Metal Alloys B-56, Kagal, Hatkangale Industrial Area, Kolhapur	Lead Scrap (excluding lead acid batteries)	960	
166	M/s. Dev Metal Refinery Plot No. B-35, MIDC, Lote Parshuram, Tal. Khed, Dist. Ratnagiri	Lead acid battery plates/Lead scrap	5000	
167	M/s. Sangli Metal Industries Plot No. 11, Gat No. 29 to 31, Sanjay Indl. Estate, Madhavnagar, Sangali - 416406	Lead Acid Battery Scrap / Plates / Lead Scrap	3600	
168	M/s. Maharashtra Metal Industries Plot No.14, Arkosh Industrial Estate, Village: Dheku, Tal: Khalapur, District – Raigad	Lead Acid Battery Plates/Lead Scrap	3600	
169	M/s. Vinowas Alloys LLP, S. No. 9, Gorthankhurd, Tal. Khalapur, Dist. Raigad	Lead Acid Battery / Scrap	14400	
170	M/s. New Metal Refinery Arvind Brothers, Compound Ganpati Pada, Old Thane - Belapur Road, Dighe, Navi Mumbai– 400 065	Lead acid battery plates/Lead scrap	3000	
171	M/s. S.K. Agency S.R.No,152/1, Plot No.41 Chatanaya Nagar Basmath, Tq. Basmath, Distt. Hingoli	Lead Acid Battery Plates/Lead Scrap	800	

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172	M/s. T. K. Metal Industries Plot No. C-48, MIDC Omarga, Dist. Osmanabad	Lead Acid Battery / Scrap	2000	
173	M/s. Bharat Industries Plot No. L-135, MIDC Area Dist. Ahmad Nagar	Lead Acid Battery Plates and Lead Scrap	1200	
174	M/s. Star Metal Plot No: W-15,MIDC Parbhani	Lead Scrap, Lead acid Battery Scrap	1200	
175	M/s. T. K. Metal Plot No. C-46, MIDC, Omerga, Osmanabad - 413 604	Lead Plates, Lead Scrap, Lead Scrap Acid Batteries	2000	
176	M/s. Dolphin Battery Recycler Pvt. Ltd. Plot no: C-27, MIDC Khanapur, Tal: Deglure , Dist: Nanded	Lead Acid BatteryScrap / Plates / Lead Scrap	1800	
177	M/s. Mohan udyog Plot No. D-51, MIDC Area, Krushrer, Tal. Naigaon, Dist. Nanded	Scrap Lead Acid Battery	1800	
178	M/s. Bidada Industries Pvt. Ltd. Plot No. C-34, 35, 36, MIDC Ausa, Tal. Ausa, Dist. Latur	Scrap Lead Acid Batteries	6000	
179	M/s. Sai Industries, Gat No. 11/2, At. Tagarkhed Po Aurad Sha Tq Nilang, Dist. Latur	Lead Acid Battery Scrap	1800	
180	M/s. Sai Traders, Gut No. 51, Plot No. 38, Shahajapur, Waluj, Dist. Aurangabad	Lead Acid Battery Scrap	500	
181	M/s. Executive Industries Pvt. Ltd. Plot No. 04, Gat No. 13, Village Bhabhulgaon, Ta, & Dist. Nanded	Lead Acid Battery Scrap	4500	

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182	M/s. Pooja Pigments Khasra No.100, Behind Kalmna Kamptee Octroi Kalmna, Nagpur	Lead Acid Battery Scrap and Lead Scrap	2100	
183	M/s. Mission Industries, Plot No. 42, Lohara, Tal. Ramlek, Dist. Nagpur	Scrap Lead Acid Battery	6000	
184	M/s. Satwai Industries E-38 MIDC Hingna Nagpur	Lead acid battery plates/Lead scrap	360	
185	M/s. Singh Metal Works Khasra No.64, Old Khasala, Tal. Kampatee, Distt. Nagpur	Lead Acid Battery Plates & Lead Scrap	100	
186	M/s. Shree Balaji Metals 110, Maa Umiya Audyogir Sahari Vasahat Maryadit Kopsi (BK), Tal. Kamptse, Dist. Nagpur	Lead Acid Battery Plates & Lead Scrap	4200	
187	M/s. Shree Ram Metals Plot No.B-4/14, MIDC Butibori, Thasil – Hingna, Distt. – Nagpur Maharashtra	Lead Acid Battery Plates/Lead Scrap	360	
188	M/s. Shree Metals (Mujbi) Private Ltd. Plot No.312/2, At Mujbi, P.O.- Bela Tah./ Dist. Bhandara-441 904	Lead Acid Battery Plates & Lead Scrap	4932	
189	M/s. Sethi Pigments Pvt. Ltd. Plot No.39, Wanjra Layout Kamptee Road , Nagpur– 400 026	Lead Acid Battery Plates/ Lead Scrap	840	
190	M/s. Rishabh Meta Process Gut No.27/1, Village: Jamni (Dhaba), Station Road, Tah + Distt. Bhandara – 441 904	Lead Acid Battery Plates & Lead Scrap	1800	
191	M/s. Guru Storage Batteries Plot No: 122, Vanjara Layout, Pili nadi Inl Area, Nagpur	Lead Scrap, Lead acid Battery Scrap	720	

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192	M/s. Nagraj Alloys Pvt. Ltd. Survey No.41, P.H. No. 20, Village Asoli, Mouza Mahalgaon, Tal. Kamptee, Dist. Nagpur	Lead Acid Battery Plates & Lead Scrap	6400	
193	M/s. Shree Ram Metals Plot No: 28, Survey no: 04, Kapsi Kurdh, Tal: Kamptee, Dist: Nagpur	Lead Acid Battery Plates & Lead Scrap	2400	
194	M/s. Harsh Metal Industries Plot No. 59/3, Mouza Bhowari, Tal. Kamptee , Dist. Nagpur	Lead Acid Battery Plates	5000	
		Other Lead Scrap	1200	
195	M/s. Sai Industries, Plot No. C-77, MIDC Butibori, Dist. Nagpur	Lead Acid Battery	800	
196	M/s. Swastik Industries Plot No. 27 S.N. 161/1 Sahkari Audyogik Vasahat Marydit, Bhusaval	Lead Acid Battery Plates and Lead Scrap	1160	
197	M/s. Kadri Metal Refinery Plot No. E-94, MIDC Awdhan & Lalling Dhule- 424 311	Lead Acid Battery Plates and Lead Scrap	600	
198	M/s. RHT Steel (India) Pvt. Ltd. GAT No.40/12, A.B. Road, Village-Ajande, (Kh) Taluka - Shirpur, Distt. Dhule-425 405	Lead Acid Battery Plates & Lead Scrap	9600	
199	M/s. Nashik Metal Refinery S.No. 429/430, Village – Gonde, Tq. Igatpuri, Distt. Nashik	Lead Acid Battery Plates and Lead Scrap	900	
200	M/s. Ameya Metal Industries Gut No. 206 Village Pimpalnare, Khatwad Phata, Tal. Dindori, Nashik	Lead Acid Battery Plates/Lead Scrap/Lead Dross	2400	

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201	M/s. Success Metal Refinery Gut No. 81/2, Newasa Khadka Road, Tal. Newasa, Dist.Ahmednagar	Lead Acid Battery Plates/Lead Scrap	750	
202	M/s. Shri Ganesh Metal Plot No: 154, MIDC, Malegaon, Sinnar, Dist. Nashik	Scrap Lead Acid Battery	3600	
203	M/s Shri Anand Battery Plot No E-80, MIDC Jalgaon, Tal. & Dist. Jalgaon	Lead Acid Battery Scrap /plates/Lead Dross	600	
204	M/s. Vaishnavi Industries Plot No: F-34, MIDC, Jalgaon, Tal: Dist: Jalgaon	Lead Acid Battery Scrap/Plates/ Lead Scrap	1500	
205	M/s. Rohini Metal Industries, S. No. 71/2, P. H. 53, Vill. Sawdi, Tal. Kuhi, Dist. Nagpur	Scrap Batteries	18000	
206	M/s. Shree Mahalakshmi Metals Plot No. C-122, STICE, Musalgaon, Tal. Sinnar, Dist. Nashik	Dry Lead Acid Scrap Batteries	360	
207	M/s. Bharat Moulding Works Pvt. Ltd. 3/7, Ram Mandir, Industrial Estate, Ram Mandir Road, Goregaon East, Mumbai	Copper Scrap	1000	
208	M/s. Earth Sense Recycle Pvt. Ltd. A-7, Gala No: 1, 2 & 3, Ground Floor, Prerana Complex, Anjur Phata, Dapoda Road, Village: Val, Bhiwandi, Dist: Thane	Dismantler	360	
209	M/s. Just Dispose Recycling Pvt. Ltd. Unit No: 103,110,119, Arvind Industrial Estate, Navghar, Vasai (E), Dist: Thane	Dismantler	500	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
210	M/s. Eco Recycling Ltd. Eco House, Near Top Glass Enclave, Bhoi Pada, Sativali Road, Vasai (E), Dist: Thane	Recycler	7200	
211	M/s. Antony Revive e Waste Pvt. Ltd. W-154, TTC, Pawane Village, Navi Mumbai – 400 710	Dismantler	1000	
212	M/s. Mercury Metal industries Plot no. D-48, MIDC Mahad, Tal:-Mahad, Dist:-Raigad, Maharashtra	Dismantler	500	
213	M/s. Shabbir Traders Plot No. 999(7), Kiravali Narayan Kutir Udyog Mandal, Village Adivali, Tal. Panvel, Dist. Raigad	Dismantler	500	
214	M/s. E- Recon Recycling Gut No.: 94, Paithan Road Chitegaon, Tal: Paithan, Dist: Aurngabad	Dismantler	1000	
215	M/s. Kesariyaji Recyclers Plot No. A-16, Pritesh Complex, Vill. Owali, Tal-Bhiwandi	Dismantler	600	
216	M/s. Ecocentric Management Pvt. Ltd. Plot No. 17, Universal Industrial Estate, Vill. Sajgaon, Tal. Khalapur, Dist. Raigad	Recycler	2500	
217	M/s. Z-Tronics Infratel Pvt. Ltd. Survey no: 103, Gala no: 538, 539 At Village : Pimpari, Post; Dahisar, Tal & Dist: Thane	Dismantler	4000	
218	M/s. Hari International Shree Parasnath Complex, Unit no: 6, Bldg no: D-4, Anjur Phata , Dapoda Road, Vill: Val , Tal: Bhiwnadi Dist: Thane	Dismantler	300	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
219	M/s. Green world Recycling Pritesh complex , Building no: B-12, Gala no: 7-8, Anjur Phata , Dapoda Road, Val: Village, Tal: Bhiwandi, Dist : Thane	Dismantler	1000	
220	M/s. E-Recon Recycling Gat no: 94, Chitegaon, Tal: Paithan, Dist: Aurnagabad	Dismantler	1000	
221	M/s. ECO Friend Industries Plot no: A-205, TTC Industrial Area, MIDC Pawane, Navi Mumbai-400710	Dismantler	1000	
222	M/s.Evergreen Recylekaro (I) Pvt. Ltd. S.no: 63/4, vill: Varle, Tal: Wada, Dist : Thane	Recycler	2400	
223	M/s. Suritex Pvt. Ltd. Plot no: B-111, MIDC Butibori, Dist : Nagpur	Dismantler	360	
224	M/s. M. I. Lokhandwala (I) Pvt. Ltd. Plot No. 1/A, Mohite Industrial Estate, Vill. Butibori, Tal. Hangna, Nagpur	Dismantler	1000	
225	M/s. CBS E-Waste Recycling Ind. Gut No. 18/63/2, At. Khnapur, Tal. Alcole, Dist. Ahmednagar	Dismantler	2500	
226	M/s. Nagraj E-Waste Recycling S. No. 41/2, Village Asoli, Mouza Mahalgaon, Tal. Kamptee, Dist. Nagpur	Dismantler	2000	
227	M/s. Arihant E-waste Recycling Pvt. Ltd. Gut no: 307/1, shahda Road, Dondaicha , Dist : Dhule	Dismantler	360	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
228	M/s. R.T. Corporation S.no. 377, Hissa no: 2, Village: Palsai, Tal: Wada, Dist: Thane	Dismantler	7500	
229	M/s. Envirocare Recycling Pvt. Ltd. Unit no: 8 /C-I Actual Industrial Complex , Uchat, Road, Village : Magathane, Tal : Wada Dist : Thane	Dismantler	7500	
230	M/s. E-Incarnation Recycling Pvt. Ltd. Plot no: J-56, MIDC Tarapur, Dist: Thane	Recycler	3000	
231	M/s. AQSA Stamping 55 Rangara , Industrial Estate , 33/35, Kirwali (Adivali) , Old Thane-Pune Road Tal: Panvel Dist: Raigad	Dismantler	500	
232	M/s. Green Valley E-waste Management Pvt. Ltd. Pritesh Complex, Bldg no: A-7, Gala no:7, Anjurphata Dapoda village: Val, Tal: Bhiwandi Dist : Thane	Dismantler	240	
233	M/s. Go-Green Recycling Plot no: 32, service, Industrial Area Sector 1 A Koparkhriane Navi Mumbai – 400709	Dismantler	500	
234	M/s. Indian Scrap Traders Ghusia Market, Gala no: 661, Vill: Pimpari, Post : Dahisar Dist: Thane	Dismantler	200	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
235	M/s. Clean Tech B/8, Gala no: 3, Parasnath indl Estate, Anjurphata Road, vill: Val, Tal: Bhiwandi Dist: Thane	Dismantler	2000	
236	M/s. Mahalaxmi E- Recyclers Pvt. Ltd. Plot no: J-5 (part), Gokul Shirgaon MIDC Area Dist: Kolhpaur	Dismantler	720	
237	M/s. V. M. Traders Sr. no: 296 (2), At Kondgaon, Post: Sakhrapa, Tal: Sangmeshwar Dist: Ratnagiri	Dismantler	10	
238	M/s. R. K. E-Recycling Industrial Gala No. 2, Tirupati Industrial Park, Sativali Road, Waliv, Tal. Vasai, Dist. Thane	Dismantler	300	
239	M/s. Shree Mohantara Solutions G. No. 1290, 10th Mile, Pune Satara Road, Wadki, Tal. Haveli, Dist. Pune	Dismantler	450	
240	M/s. Anand Computer Systems 20160B, Sadashiv Peth, Swanipuran Building Shop. No. 7, 8, 9, Pune	Dismantler	500	
241	M/s. E-Waste Recycling Nirhsas Compound, Near Agarwal Naka, Sativali Road, Waliv, Vasai, Dist. Thane	Dismantler	500	
242	M/s. Krishna Metal Refinery, Unit-II, Plot No. 2/143, Soparpada, Vill. Wada, Dist. Thane	Dismantler	750	
243	M/s. Eco-Tech Recycling C/6(5), Sagar Industrial Estate, S. no. 46/4, Bhunal Nagar, Vasai E, Dist. Thane	Dismantler	1000	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
244	M/s. Green India E-Waste & Recycling OPC Pvt. Ltd. S. No. 74, H. No. 1/A, At. Po. Dahisar, Tal. & Dist. Thane	Dismantler	300	
245	M/s. High-Tech Recycling Pvt. Ltd. Gut No. 42, Plot No. 657, A/p. Bhukum, Tal. Mulshi, Dist. Pune	Recycler	1000	
246	M/s. Green IT Recycling Centre Pvt. Ltd. D-222, MIDC Ranjangaon, Tal. Shirur, Dist. Pune	Dismantler	500	
247	M/s. Shree Recyclers S. No. 208-2, Ap. Bhori- Bhotak, Chandarwadi, Tal. Daund, Dist. Pune	Dismantler	180	
248	M/s. S. K. Enterprises Plot No. 134, Ahmednagar Indl. Co-op. Society Ltd. Nashik	Dismantler	3600	
249	M/s. Spas Computers Pvt. Ltd. 7 & 12, Hema Industrial Estate, Premises, Cos Ltd. Sarvodaya Nagar, Rajmata Jijai Road, Jogeshwari E	Dismantler	500	
250	M/s. Asni E-Waste Industries G-1/10, Ground Floor, Jai Jalaram Complex, Vill. Pimplas,	Dismantler	120	
251	M/s. Pakeaza Traders, Plot No. 406, 407, 408, At. Soyapur, Tal. & Dist. Aurangabad	Dismantler	720	
252	M/s. Computronics Solutions Gut No. 679/2/2, Kuruli, Chakan, Tal. Khed, Dist. Pune	Dismantler	1200	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
253	M/s. Kalko Recycling Plot No. 144, Ganesh Nagar, Phursungi, Tal. Haveli, Dist. Pune	Dismantler	180	
254	M/s. Solapur Eco Recyfine Plot No. K-47, MIDC Chikholi, Tal. Mohol, Dist. Pune	Dismantler	750	
255	M/s. Envirocare Recycling Pvt. Ltd. Unit No. 8/C-1, Actual Industrial Complex, Uchat Road, Vill. Mangathane, Tal. Wada, Dist. Thane	Dismantler	7500	
256	M/s. Avni E-Waste Solutions G1/10, Ground Floor, Jai Jalaram Complex, Vill. Pimplas, Tal. Bhiwandi, Dist. Thane	Dismantler	120	
257	M/s. Recycling Future, S. No. 169, Bhangarpada, Post Kundevahll, Tal. Panvel. Dist. Raigad	Dismantler	500	
258	M/s. JRS Recycling Solutions Pvt. Ltd. Gala No. 428, S. No. 74, Hissa No. 2A, Garib Nawaz Estate, Old Mumbai Pune Road, Dahisar, Dist. Thane	Dismantler	300	
259	M/s. Bharat Steels, S. No. 154, Hissa No. 0, Vill. Dhansar, Tal. Panvel, Dist. Raigad	Dismantler	300	
260	M/s. Sahara Enterprises, G. No. 65, Dehu Alndi Road, Tal. Haveli, Dist. Pune	Dismantler	1000	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
261	M/s. TTCWMA Plot No. P-128, TTC MIDC Indl. Area, Near LFT Infotech Shil Mahape Road, Mahape, Navi Mumbai 400710	Recycler	300	
262	M/s. Green E-Bin Electronic Solutions Plot No. 18, MIDC Chikalthana, Aurangabad	Dismantler	500	
263	M/s. Sahyadri E-Recycler Plot No. 108, 5 Star MIDC Kagal, Hatkanangale, Tal. Kagal, Dist. Kolhapur	Dismantler	300	
264	M/s. J. S. Enterprises, G. No. 132, Khalumbare, Tal. Khed, Dist. Pune	Dismantler	150	
265	M/s. Shabbir Traders Plot No. P/15 & 16, Sr. No. 119/120/121, Balaji Industrial Park, Behind Hindalco, Vill. Tondre, Tal. Panvel, Dist. Raigad	Dismantler	300	
266	M/s. Greenbay Enterprises, 4550, S. No. 13, H. no. 3A, Behind Star Weigh Bridge, Manatawadi, Urali Devachi, Pune 412203	Dismantler	600	
267	M/s. E-Waste Global, Gate No. 2, Near Theur Phata, Lonikand, Pune Nagar Road, Tal. Haveli, Dist. Pune 412216	Dismantler	240	
268	M/s. Reteck Envirotech Pvt. Ltd. Plot No. 4 A, MIDC Taloja, Tal. Panvel, Dist. Raigad	Dismantler	2500	
269	M/s. Mukesh Metal Sr. No. 93, Hissa No. 1, Behind Deepesh Lodge Gotegar Uttarshiv, Mumbra Road, Dist. Thane	Dismantler	400	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
270	M/s. Green Tech Solution Industries Gat No. 83/1, A/p. Wakhari, tal. Pandharpur, Dist. Solapur 413304	Dismantler	250	
271	M/s. Lilashana Sales, Ramdas Company, Nandra Road, khamgaon, Dist. Buldhana	Dismantler	360	
272	M/s. Sayma E-Waste Solutions, S. No. 323, Hissa no. 3, A Plot No. B-27, Urali Devashi, Tal. Haveli, Pune	Dismantler	350	
273	M/s. Pranam Enterprises, Sr. No. 286/116, Next to Badhe, Vill. Urali Deveshi, Tal. Haveli, Dist. Pune	Dismantler	1000	
274	M/s. Kuldeep E-Waste Disposals S. No. 50, Waghyai Nagar, Anbegaon, Khed, Katraj, Pune	Dismantler	240	
275	M/s. Sigma Enterprises, Plot No. 5 & Gut No. 54/0, Adiwali, Tal. Panvel, Raigad	Dismantler	350	
276	M/s. Surekha Industrial processors Plot no: G-126/G-129 MIDC Baramati Dist: Pune	Paint sludge mixed with thinners reprocessing / recycling of paint sludge mixed with thinners	10000	154.5
277	M/s. Suraj Coats MIDC Bhosari, Pune from SRO Pimpri Chinchwad, MPCB, Pune	Reprocessing of Paint Sludge /Residue	750	
278	M/s. ACE Industries, S. No. 30, H. No. 18-B, Unity Industrial Estate, Dhigodi, Tal. Haveli, Dist. Pune	Recovery of Thinner from paint sludge	3000	
279	M/s. Maharani Innovative Paints Pvt. Ltd. Gat No. 627, 1/1B, Pune Nashik Highway, Opp. Kishor Pump, Village Kuruli, Chakan, Tal. Khed, Dist. Pune	Paint Sludge	6000	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
280	M/s. Alchemist Oil Pvt. Ltd. G. No. 15/2, Tal. Haveli, Dist. Pune	Paint Sludge	4800	
281	M/s. Daya Lubricants Pvt. Ltd. Building No. 11, Waliv Phatta , Prime Industrial Estate, Sativali Road, Village Valiv Phata, Vasai (E) Thane, (D)-401 208, Maharashtra	Used Oil	3000	1729.839
		Waste Oil	14400	833.099
282	M/s. Deepak & Company B-20, Road No. 16, Wagle Indl. Estates, Thane, Maharashtra-400 604	Used Oil	1800	
283	M/s. Shiva Petro Synth Specialities Ltd. Plot No. 2/3, Shah & Diwan Indl. Area, Opp. BIDCO Studio, Vill Mahim, Palghar Dist. Palghar	Waste Oil	7500	0.068
		Used Oil	7500	0.086
284	M/s. Meghani Enterprises H-14, Shaah & Diwan Industrial Complex, Udyognagar Chintupada, Mahim Village, Palghar Dist. Thane	Waste Oil	8400	1170
		Used Oil	4500	305.25
285	M/s. North East Lubrica Pvt. Ltd. S. No. 404, Abitghar, Taluka Wada, Dist. Thane - 421 303	Used Oil	9000	
		Waste Oil	9000	
286	M/s. Meher Petro Chem Pvt. Ltd.Plot No. 17, KPD Indl. Estate, Mamor-Wada Road, Vill.:Homrapur, Dist. Thane-421 303	Used Oil	3000	
		Waste Oil	12000	
287	M/s. Sai Om Petro Specialities Ltd. Plot No. 209, Village Khapari, Bhiwandi Wada Road, Tal. Wada, Dist. Thane	Waste Oil	15000	
288	M/s. Industrial Esters & Chemicals Pvt.Ltd. Plot No.A-10, M.I.D.C Industrial Area Ambernath,Distt.Thane	Used Oil	6000	154
		Waste Oil	8550	351

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
289	M/s. Ishvar Petrochem Pvt. Ltd. G.U.T. No. 147/P, Village Sapraonde, P.O., Kudus,Ta-Wada, Dist. Thane-412312, Maharashtra	Used Oil	650	
290	M/s. Al Ali Mohammed Industries Sr. No. 57-1/2, Village Ghatesh Khurd, Khanivali Road, Tal-Wada, Dist. Thane-421303	Waste Oil	18000	
		Used Oil	6000	
291	M/s. Poonam Petrochem Pvt. Ltd. Gut No.459, Dinkarpada Vill. Kondle, Tal. Wada, Distt.Thane-421 312	Used Oil	3000	
		Waste Oil	6000	
292	M/s. Plus Lubricants Gut No. 228(P1), S.No.43 Abithghar, Tal. Wada, Dist.Thane	Used Oil	7500	
		Waste Oil	7500	
293	M/s. Meet Petro Products Pvt. Ltd. Gut No: 177, Konsai Village, Post: Nehroli, Tal: Wada, Dist: Thane	Used Oil	2000	
		Waste Oil	1000	
294	M/s. ABC Petro Chem Pvt. Ltd. Gat No: 10, Village: Vardha, Post Uchat, Tal: Wada, Dist: Thane	Used Oil	6000	14.82
		Waste Oil	18000	169.76
295	M/s. Star Petrochem Industries, G. No. 421/422, Vill. Usar, Post. Uchat, Tal. Wada, Dist. Palghar	Waste Oil	6000	
		Used Oil	6000	
296	M/s. Naaz Enterprises Gat. No, 691, Bhupi Phata, Jadhavwadi Haveli, Dist. Pune, Maharashtra	Used Oil	800	611.574
		Waste Oil	400	148.019
297	M/s. R. R. Scrap Merchant 203/1, Chikhali-Moshi Road, Chikhali, Tq.Haveli, Distt.Pune-412114 (Maharashtra)	Used Oil	350	38.04
		Waste Oil	1500	283.028
298	M/s. Ameet Lubricants and Chemicals S. N. 584/1 and 2, Garde Road, Saswad, Distt. Pune	Used Oil	2160	456.778
		Waste Oil	2000	42

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
299	M/s. Samarth Petroleum Gut No. 653/1/C/211/2, Kumbhari Tal. South Solapur, Dist. Solapur, Maharashtra	Used Oil	3600	
300	M/s. Shriya & Shristi Associates Gut No.156/157, Phulare Wasti, Chimbaligaon, Pune-Nashik Road Chakan, Tal.Khed Distt.Pune	Used Oil	1500	
		Waste Oil	900	
301	M/s. Metro Lubes Pvt. Ltd. Plot No. A-69, MIDC Kurkumbh, Tal-Daund, Dist. Pune	Used Oil	3600	
302	M/s. Patidar Industries Plot No. A-74 MIDC Kurkumbh Tal. Daund, Pune-413 105	Used Oil	8400	5528
		Waste Oil	8400	
303	M/s. Super Lubes Gat no: 116, Dehu- Alandi Road, Chikhali, Pune -14	Used oil	900	
		Waste Oil	1800	
304	M/s. Blitz Industries, Plot No. 177 & 178, Ranjhe of Kondapur Road, Near Pune Satara Highway, Pune 412205	Waste Oil / Used oil	4680	
305	M/s. Aditya Industries Plot No. A-73,MIDC, Pune - Solapur Road, Kurkumbh – 413105, Dist. Pune	Used oil	4800	980
306	M/s. Trimurti Enterprises B/G-6, MIDC, Bhosari, Pune - 411026	Used oil	1000	165.2
307	M/s. Navgire Petrcohemicals Gut no: 69 and 73 A/p: Gatachi Wadi, Tal: Barshi Dist : Solpaur	Used Oil	1680	870.382
308	M/s. Alchemist Oil Pvt. Ltd. G. No. 15/2, Tal. Haveli, Dist. Pune	Waste Oil	4800	
		Paint Sludge	4800	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
309	M/s. Trimurthi Enterprises, Plot No.A-168, H Block, MIDC Pimpri, Pune	Used Oil	1000	
310	M/s. Radiant Lubes P. Ltd. Plot No. C-8 & C-9, MIDC Gutibori, Tal. Hingana, Dist. Nagpur, Maharashtra	Waste Oil	19740	
		Used Oil	5225	
311	M/s. Nova Lubes Pvt. Ltd. 187/4 Mahurjhiri Village, Katol Road, Distt. Nagpur	Used Oil	2160	
312	M/s. Highrise Transformers A-28, MIDC Industrial Area Karanja(Ghadge), Tal.Karanja Distt.-Wardha-442 203	Waste Oil	960	
313	M/s. Globle Techniqurs Plot No. C-70, MIDC Umred, Tal. Umbred, Dist. Nagpur	Re-Refining & Waste Oil	600	
314	M/s. Midland Oil Co. Ltd. Sr. No. 46/2, Vil. Aalagondhi, Tal. & Dist. Nagpur, Post. Rama- 441 108	Used Oil	600	
		Waste Oil	5300	
315	M/s. Rozy Lube Industries (Ambika Lube Industries) Plot No. 67, Wanjara Layout, Kamptee Road, Nagpur	Used Oil	1320	
316	M/s. Ranjana Group of Industries Plot No. B-95, MIDC, Butibori, Dist. Nagpur	Used oil	5000	
317	M/s. Lucky Petroleum Plot No. E/11, MIDC, Ghugghus Road, Chandrapur	Used Oil	1200	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
318	M/s. Sourabh Oils E-30-31, MIDC, Ghugus Road, Chandrapur-442406 Maharashtra	Used Oil	3000	
319	M/s. Panjatani Oil Refinery, Sr. No. 173/2, Village Saigata, Tal. Bramhapuri, Dist. Chandrapur	Used Oil	8640	
		Waste Oil	10560	
320	M/s. Tax Oil Lubricants Pvt. Ltd. R-591, MIDC Industrial Area, Rabale, Navi Mumbai-400 701	Waste Oil	12960	
321	M/s. Balaji Rang Udyog Pvt. Ltd. Plot No.44, MIDC Taloja Industrial Area (New Chemical Zone) Taloja-410 208, Distt. Raigad	Waste Oil	1500	
322	M/s. Shree Pooshp Hans Chemical Plot No.W/186, MIDC, Taloja Tal.-Panvel, Dist.Raigad-410 208	Waste Oil	36000	1790.42
323	M/s. Desmo Exports Ltd. Plot No: C-108, C-108/1, TTC Pavane, MIDC, Navi Mumbai	Used Oil	2500	
		Waste Oil	2500	
324	M/s. Subhadra Petrochemicals Pvt. Ltd. Plot No. F-2, MIDC, Kupwad Block, Sangali-416 436	Used Oil	7020	3112.445
325	M/s. P Square Industries Ltd. Plot No. J-4, MIDC, Gokul Shirgaon, Kolhapur	Used Oil / Waste Oil	2400	
326	M/s. Patel Petro Pvt. Ltd. Plot No. H-4, Behind Eurotex Industry, MIDC Gokul Shrigaon, Kolhapur-416234	Used Oil	7200	7189.9
327	M/s. Vipro Industries	Used Oil	7000	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
	Plot No. D-2/2, MIDC Gokul Sirgaon, Kolhapur-416 234	Waste Oil	5000	
328	M/s. Bana Refinery Pvt. Ltd. H-15, MIDC, Gokul Shirgaon, Kolhapur- 416 234	Used Oil	2000	4120.243
		Waste Oil	2000	
329	M/s. Maharashtra Ester & Ketones Pvt. Ltd. B-52/2, MIDC Industrial Area, Lote Parshuram, Tal. Khed, Dist. Ratnagiri	Dra Therm	3600	
330	M/s. Amol Oils 92, Ajanta Road, Chincholi, Jalgaon	Waste Oil	3600	
		Used Oil	3000	
331	M/s. Garg Distillaries Pvt. Ltd. Survey No. 26/2, 26/2-A, Village-Asali, Post Bhorkheda, Taluka- Sirpur, Dist.- Dhule	Used Oil	6000	
		Waste Oil	6000	
332	M/s. Samarth Industries Plot No. N-22, MIDC, Jalgaon-425 003	Used Oil	3600	
333	M/s. Insotech Refineries Plot No.1, Gut No.114/7, Post-Burudgaon, Nagar Daurid Road, Next to Kinetic Engineering Ahmednagar-414 006	Used Oil	2520	
334	M/s. Ravi Industries G-45, M.I.D.C Area, Jalgaon , Maharashtra	Used Oil	3000	
		Waste Oil	1800	
335	M/s. Paras Petrochem 229, Village: Daregaon, Malegaon, Nashik –423203	Used Oil	3000	
336	M/s. Nikhil Lube Gat No. 347/1, Chandrapuri, Tal. Malegaon, Dist. Nashik	Used Oil	1000	645.715

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
337	M/s. India Petrochem S. No.: 59/2, Plot No. 31/2, Chokwala Industrial Estate, At. Bedkipada, Ta. Navapur, Dist. Nandurbar	Used Oil	3000	
338	M/s. Ekta Oil Lubricant Industries Gat. No. 361, Plot No. 1, A/p. Talegaon, Tal. Dindori, Nashik	Used Oil	221	
339	M/s. 3 S Reclaimers Plot No. G-13/3, MIDC, Ahemadnagar	Used Oil	900	
340	M/s. Lube Tech Oil Company Plot. No. F-96, MIDC, Ambad, Tal & Dist. Nashik	Used Oil	600	
341	M/s. M. K. Oil Lubricating Industry, Gat No. 361, Plot No. 1, Vill. Talegaon, Tal. Daund, Dist. Nashik	Used Oil	223	
342	M/s. Kapilo Petrochem (P) Ltd. T-60, MIDC Nanded, Maharashtra-431603	Used Oil	3000	
343	M/s. Kanchan Chemicals Plot No.B-25, MIDC, Osmanabad – 413 501	Used Oil	8640	
344	M/s. Global Lubrication Gut No. 94, Village Chitegaon, Tq. Paithan, Dist. Aurangabad - 431007	Used Oil	500	
345	M/s. Ajanta Transpower Equipments Pvt. Ltd. Plot No. K-6, MIDC Area, Dist. Aurangabad	Used Oil (Transformer Oil)	1560	365

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
346	M/s. Sagar Industries, Plot No. E-16, Phase-II, MIDC, Jalna	Used Oil	3000	
347	M/s. K. K. Lubrication, G. No. 07, Jawatapur, Tal. & Dist. Aurangabad	Used Oil	2000	
348	M/s. Global Techniques, Plot No. C-70, MIDC Umred, Tal. Umred, Dist. Nagpur	Waste Oil	600	
349	M/s. Tribo Lubes Pvt. Ltd. Takai Adoshi Road, Village Honad, Post Saigaon, Survey No. 13/7A, 14/3, 15/6, Taluka Khalapur, Dist. Raigad	Waste Oil	9000	444.83
		Used Oil	7500	909.882
350	M/s. Lubstar Petro-Chem Industries C-29, MIDC, Mahad, Dist. Raigad	Used Oil	1800	218.8
351	M/s. Rebon Lubricants Sr. No. 56, Hissa No. 5, Vill. Honad, Tal. Khalapur, Raigad	Used Oil	1000	
		Waste Oil	1600	
352	M/s. Lubricon India Plot. No. 20, Emrald Industrial Estate, Vill. Dheku, Tal. Khalapur, Raigad	Used Oil	250	
353	M/s. A.G. Astavinyak Petrochem Pvt. Ltd. S.No: 222, Village : Hedwali, Tal: Sudhagad-Pali Dist: Raigad	Used Oil	1800	
		Waste Oil	1800	
354	M/s. Premier Petrochem, Plot No. 1, G. No. 185, KIDC, Vill. Dheku, Dist. Raigad	Waste Oil	9000	
355	M/s. Shree Laxmi Refinery Plot No: C-19, Additional MIDC Nandgaon Peth, Amravati Dist: Amravati	Used oil	6000	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
356	M/s. Sanket Chemicals, Plot No. D-18/6, TTC MIDC Turbhe, Navi Mumbai	Spent Solvent	240	
357	M/s. Delta Finochem Pvt. Ltd., Gat No. 504/507, Plot No. 18/19, Gonde Dumala, Tal. Igatpuri, Dist. Nashik	Spent Solvent	3600	
358	M/s. Pioneer Industrial Corporation Plot No. N-210, MIDC, Tarapur, Tal. & Dist. Palghar	Re-refining of Spent Solvent	3600	
359	M/s. Darshan Chemicals Plot No. A-38/39, MIDC Pawane, Thane Belapur Road, Navi Mumbai 400705	Re-processing of Spent Solvent	12000	
360	M/s. Sagar Kala Chemiclas Pvt. Ltd. Plot No. 56, New Chemicals Zone Taloja, MIDC, Tal. Panvel, Dist. Raigad 410208	Re-Processing of Spent Solvent	960	647.898
361	M/s. Shree Pooshphans Chemicals, Plot No. W-186/D, MIDC Taloja Indl. Area, Taloja, Tal. Panvel, Dist. Raigad	Re-Processing of Spent Solvent	3000	
362	M/s. Balaji Chemicals, Plot No. W-209/B, MIDC taloja, Tal. Panvel, Dist. Raigad	Spent Solvent Used Thiner	3600 780	
363	M/s. Hindustan Metal Company, M survey No. 122, Village Mondha, Tal. Hingna, Dist. Nagpur	Re-refining of Aluminium Dross & Skimming Waste	3000	
364	M/s. Bombay Metal Works, S. No. 183, H. No. 5/2, Dahisar Road, Pimpri, Thane	Aluminium Dross & Scrap	5000	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
365	M/s. Vidhi Industries S. No. 106, Village Sheurg, Tal. Panvel, Dist. Raigad	Aluminium Dross and Skimming	3600	
366	M/s. Shree Laxmi Metal Industries, G. No. 62, 64, Vill. Chindwadli, Wada Shahapur Road, Wada, Dist. Palghar	Aluminium Scrap	720	
367	M/s. Moonlight Metal Industries Pvt. Ltd. Sr. No. 6, Kaman Road, Sativali Village, Vasai East, Dist. Palghar	Aluminium Scrap	1200	
368	M/s. Vishal Metal Industries, A/13, Patel Estate, Near Flora Hotal, Vasai Kaman Road, Decdol, Vasai East, Dist. Palghar 421202	Aluminium Scrap	300	
369	M/s. Anshika Metal Industries A/p. Niphan, Khopoli Pen Road, Tal. Khalapur, Dist. Raigad	Aluminium Dross / Scrap	3500	
370	M/s. Sai Parma, Plot No. B-45, MIDC, Sultanpur, Tal. Wai, Dist. Satara	Used Food Grade HNP / Rolling Oil	1000	10
371	M/s. EFTEC (India) Pvt. Ltd. G-9, MIDC Ranjangaon, Tal. Shirur, Dist. Pune 412220	PVC Waste Sealer	300	
372	M/s. Sigma Electric Manufacturing Corporation Pvt. Ltd. Unit 1, Gat No. 154/155, Mahalunge, Chakan Talegaon Road, Chakan, Tal. Khed, Dist. Pune	Copper Scrap / Druid	2000	
373	M/s. Tinna Rubber & Infrastructer Ltd. Gut No. 113/2, 115, Village Pali, Tal. Wada, Dist. Palghar	Tyre Scrap	32000	

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
374	M/s. Krestar Inc, Survey No. 84/2, 85/2, 85/5, 85/6, 85/7, 87/12, 87/13, of Village Belobdakhar, Tal. Uran, Dist. Raigad	Reconditioning / reparing & washing of ISO Tanks	57.6	
375	M/s. VFM Logisupport Services Ltd. D-63/P/2 & D-64, MIDC, Mahad, Tal. Mahad, Dist. Raigad 402301	Reconditioning & Washing of IBCs Reconditioning & Washing of Drums / Carboys	200000	240

Table 17(h): Maharstra-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Mumbai Waste Management Ltd., Plot No. P-32, MIDC Taloja	1623	3137	31343	120739	27091	30525	117438	29389	NA	5747	839	1488129	11000000	3	120000
2	M/s Trans Thane Creek Waste Management Association, Plot No. P-128, TTC MIDC Indl area, Shil Mhape, Navi Mumbai, 400710	0	0	25973.07	7785.34	---	25973.07	7785.34	---	0	0	---	33758.41	---	---	21600
3	M/s	0	15873.9	46491.	38752.	21623.39	46491.	38752.	20930	0	0	16567.3	85243.6	9000000	3	6000

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
	Maharashtra Enviro Power Ltd., Plot No. P-56, MIDC, Ranjangaon, Tal. Shirur, Dist. Pune.		7	1	51		1	51				6	1			0
4	M/s Maharashtra Enviro Power Ltd., CHW-01, Vill-Mandwa, MIDC Butibori, Dist Nagpur 441 122.	0	1158	12065	10906	2492	12065	10906	593		0	3057	76321	9000000	3	60000

Table 17(i): Maharastra-Details of Hazardous waste disposed in Captive TSDF(s)

S.No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill (MT/A)		
1	M/s Gharda Chemicals Ltd. MIDC Lote, Parshuram, Tal: Khed, Dist: Ratnagiri	Incinerable	0.32	---	449.696	13272.573

18.
MANIPUR
(Hazardous waste generation and its Management)

Table 18: Manipur- Details of Hazardous waste Generation*

S. No.	District	No. of Hazardous Waste Generating Industry	Quantity of Hazardous Waste as per Authorization (MTA)	Quantity of Hazardous Waste as per Annual Return (MTA)	Quantity Disposed in Captive SLF (MT)	Quantity Disposed through Common SLF at TSDF (MT)	Quantity Disposed by Captive Incinerator (MT)	Quantity Disposed Through Common Incinerator at TSDF (MT)	Quantity Co-processed in cement Kiln (MT)	Quantity utilized under Rule 9 (MT)	Quantity sent to recyclers of Schedule-IV Hazardous Wastes (MT)	Captive Utilization (MT)	Quantity of Hazardous Waste stored at occupier premises at the end of the year (MT)
1	Imphal East	24	35.8	0	0	0	0	0	0	0	0		0
2	Imphal West	102	223.6	0	0	0	0	0	0	0	0		0
3	Thoubal	39	20.1	0	0	0	0	0	0	0	0		0
4	Chandel	10	1.9	0	0	0	0	0	0	0	0		0
5	Senapati	11	27.3	0	0	0	0	0	0	0	0		0
6	Tamenglong	5	1.3	0	0	0	0	0	0	0	0		0
7	Ukhrul	5	12.1	0	0	0	0	0	0	0	0		0
8	Churachand	22	9.5	0	0	0	0	0	0	0	0		0
9	Bishnupur	37	5.2	0	0	0	0	0	0	0	0		0
	Total	**255**	**336.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

* Information pertains to 2016-17

19.
MEGHALAYA
(Hazardous waste generation and its Management)

Table19(a): Meghalaya-Details of Hazardous waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year (Metric Tonne)	Quantity of HW exported during the year (Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Ri-Bhoi	5	9.72 KL/A+430 MT/A				2.75 Kl/A + 395.60 MT/A					
2	East Khasi Hills	1	20 KL/A				7.69 KL/A					
3	East Jaintia Hills	8	57.12KL/A				53.18 KL/A					
	Total	**14**										

Table 19(b): Meghalaya- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	Nil	Nil	Nil	Nil
2	For disposal at common Incinerator	Nil	Nil	Nil	Nil
3	For recycling by Schedule IV recyclers	Nil	Nil	Nil	Nil
4	For utilization in co-processing (cement plants)	Nil	Nil	Nil	Nil
5	For utilization under Rule 9 (other than co-processing)	Nil	Nil	Nil	Nil

Table 19(c): Meghalaya-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Ri-Bhoi	2.75 Kl/A + 383 MT/A	0	0	0	0	0	0	0
2	East Khasi Hills	7.69 KL/A	0	0	0	0	0	0	0
3	East Jaintia Hills	53.18 KL/A	0	0	0	0	0	0	0
	Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table 19(d): Meghalaya-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Ri-Bhoi	0	0	0	0	0	0	0	0
2	East Khasi Hills	0	0	0	0	0	0	0	0
3	East Jaintia Hills	0	0	0	0	0	0	0	0
	Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table 19(e): Meghalaya-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Ri-Bhoi	0	0	0	0	12.6			
2	East Khasi Hills	0	0	0	0	0	0	0	0
3	East Jaintia Hills	0	0	0	0	0	0	0	0
	Total	**0**	**0**	**0**	**0**	**12.6**			

Table 19(f) : Meghalaya-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**	**0**	**0**	**0**
B	**Utilization of HW under Rule 9**	0	0	0
C	**Co-processing in Cement Plants**	0	0	0

Table 19(g): Meghalaya-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
	INP	INP	INP	INP

Table 19(h): Meghalaya-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Table 19(i): Meghalaya-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
	Nil	Nil	Nil	Nil	Nil	Nil

20.
MIZORAM
(Hazardous waste generation and its Management)

Table 20(a): Mizoram-Details of Hazardous waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Aizawl	33	0	0	0.0165	0	0	0	0.0031	0	0	0

Table20(b): Mizoram- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	0	0
2	For disposal at common Incinerator	0	0	0	0
3	For recycling by Schedule IV recyclers	0	0	0	0
4	For utilization in co-processing (cement plants)	0	0	0	0
5	For utilization under Rule 9 (other than co-processing)	0	0	0	0

Table 20(c): Mizoram-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Aizawl	0	0	0	0	0	0	0	0

Table 20(d): Mizoram-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Aizawl	0	0	0	0	0	0	0	0

Table 20(e): Mizoram-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Aizawl	0	0	0	0	0	0	0.0031	0

Table 20(f): Mizoram-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

Sr.No.	Type of Recycling Facilities	No. Of Facilities authorized for recycling/utilisation/Co-processing of HW	Total Authorised Capacity (MTA)	Quantity Recycled/Utilized/Co-Processed (MT)
A	**Commonly Recyclable HW**			
1	Used Oil	33	0.0165	0.0031
2	Waste Oil			
	Total	**33**	**0.0165**	**0.0031**
B	**Utilisation of HW under Rule 9**	0	0	0
C	**Co-Processing in Cement Plants**	0	0	0

Table20(g): Mizoram-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No.	Name and Address of the Facility	Type of Hazardous Waste Recycled	Authorized Recycling / Utilization / CO-Processing Capacity (MTA)	Quantity Recycled / Utilized / Co-processed (MT)
1	INP	INP	INP	INP

Table 20(h): Mizoram-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Table 20(i): Mizoram-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	Nil	Nil	Nil	Nil	Nil	Nil

21.
NAGALAND
(Hazardous waste generation and its Management)

Table 21(a): Nagaland-Details of Hazardous waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Dimapur	1	0	0	10	0	0	0	10	0	0	0

Table 21(b): Nagaland- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposall

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	0	0
2	For disposal at common Incinerator	0	0	0	0
3	For recycling by Schedule IV recyclers	0	0	Digboi Refinery at Guwahati, Assam	10
4	For utilization in co-processing (cement plants)	0	0	0	0
5	For utilization under Rule 9 (other than co-processing)	0	0	0	0

Table 21(c): Nagaland-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Dimapur	0	0	0	0	0	0	0	0

Table 21(d): Nagaland-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Dimapur	0	0	0	0	0	0	0	0

Table 21(e): Nagaland-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Dimapur	0	0	10	0	0	0	10	0

Table 21(f): Nagaland-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Waste Oil	0	0	0
2	Sludge containing with oil	1 (IOC Guwahati refinery, Assam)	10	10
	Total	1	10	10
B	**Utilization of HW under Rule 9**	0	0	0
C	**Co-processing in Cement Plants**	0	0	0

Table 21(g): Nagaland-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	Nil	Nil	Nil	Nil

Table 21(h): Nagaland-Details of Hazardous waste disposed in Common TSDF(s)

S. No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Table 21(i): Nagaland-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	Nil	Nil	Nil	Nil	Nil	Nil

22.
ODISHA
(Hazardous waste generation and its Management)

Table 23(a): Odisha-Details of Hazardous waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Angul	24	11481.16	205	1760.632	93414.12	1120.044	106.81	631.81	87222.812	0	0
2	Balasore	14	241.036	344.3	171.982	3254.3	92.708	15.751	17.036	2741.839	0	0
3	Bargarh	4	2.3	0	99.045	0	2.058	0	9.153	0	0	0
4	Bhadrak	3	105.65	0	6572.08	2503	1.738	0	16.212	2337.692	0	0
5	Bolangir	1	0	113.08	0			113.03			0	0
6	Cuttack	21	953.84	510	160.12	8590.008	47.899	17.652	44.52	7347.034	0	0
7	Dhenkanal	10	2522.9	0	2313.995	31603.6	1340.44	0	234.258	26839.942	0	0
8	Ganjam	6	3.25	0	46.445	173.63	0.03	0	5.957	7	0	0
9	Jagatsinghpur	13	1113.64	50	8165.5	24459.67	968.867	29.8	113.851	17494.71	0	0
10	Jajpur	29	97607.79	83	1763.543	46993.3	33105.664	19.9	400.7	23607.57	0	0
11	Jharsuguda	24	13616.647	149	984.927	377671.33	10277.633	77.387	413.541	225403.25	0	0
12	Kalahandi	1	6	0	72	3000	0	0	24.48	638	0	0
13	Keonjhar	49	1344.731	0	841.618	10227.372	1218.046	0	447.81	7214.543	0	0
14	Khurda	22	3948.02	2.95	629.103	14.5	3770.176	0	25.435	0.46	0	0
15	Koraput	6	171.678	25	1512.675	2590.5	116.525	5.215	394.497	1218.73	0	0
16	Malkangiri	1	0	0	13.5	0	0	0	5.29	0	0	0
17	Mayarbhanj	2	77.19	0	63.009	0	56.25	0	61	0.027	0	0
18	Nabarangpur	1	7.15	0	2.16	0	7.15	0	0	1.8	0	0
19	Rayagada	3	364.83	0.5	196	0	351.93	0.1	118.8	133.79	0	0
20	Sambalpur	17	5425.98	2	2834.062	118955.56	6789.74	0	1704.401	97157.99	0	0
	Sundargarh	84	2364.035	13.35	2512.913	76663.18	760.606	0.052	749.829	80911.958	0	0
	Total	**335**	**141357.827**	**1498.18**	**30715.309**	**800114.07**	**60027.504**	**385.697**	**5418.58**	**580279.147**	**0**	**0**

Table 23(b): Odisha- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposa

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	---	0	---	0
2	For disposal at common Incinerator	---	0	West Bengal	19.9
3	For recycling by Schedule IV recyclers	West Bengal	1301.35	West Bengal	1789.23
		Jharkhand	52.73	Jharkhand	415.447
4	For utilization in co-processing (cement plants)	---	---	Andhra Pradesh	39.98
5	For utilization under Rule 9 (other than co-processing)	---	---	Rajasthan	433.32
				Chhattisgarh	2380.15
		Total	**1354.08**	**Total**	**5078.027**

Table 23(c): Odisha-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Angul	40.68	0	0	0	0	0	0	0
2	Balasore	1707.84	0	0	0	1354.08	0	0	0
3	Bargarh	0	0	0	0	0	0	0	0
4	Bhadrak	0	0	0	0	0	0	0	0
5	Bolangir	0	0	0	0	0	0	0	0

6	Khurda	4.99	0	0	4033	0	0	0	0
7	Cuttack	222.17	0	0	0	0	0	0	0
8	Dhenkanal	242.73	0	0	0	0	0	0	0
9	Ganjam	0	0	0	0	0	0	0	0
10	Jagatsinghpur	90.645	0	0	0	0	0	0	0
11	Jajpur	169.625	0	0	0	0	0	0	0
12	Jharsuguda	0	0	0	4850	0	0	0	0
13	Kalahandi	0	0	0	0	0	0	0	0
14	Keonjhar	0	0	0	1611.55	0	0	0	0
15	Koraput	0	0	0	0	0	0	0	0
16	Malkangiri	0	0	0	0	0	0	0	0
17	Mayarbhanj	0	0	0	0	0	0	0	0
18	Nabarangpur	0	0	0	0	0	0	0	0
19	Rayagada	0	0	0	0	0	0	0	0
20	Sambalpur	0	0	0	35320.15	0	0	0	0
	Sundargarh	531.406	0	0	17176.2	0	0	0	0
	Total	**3010.086**	**0**	**0**	**62990.9**	**1354.08**	**0**	**0**	**0**

Table 23(d): Odisha-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Angul	2953.98	43	0	84	0	0	0	0
2	Balasore	89	0	0	15.751	0	0	0	0
3	Bargarh	0	0	0	0	0	0	0	0
4	Bhadrak	0	0	0	0	0	0	0	0
5	Bolangir	0	0	0	113.03	0	0	0	0

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
6	Cuttack	15.51	0	0	0	0	0	0	0
7	Dhenkanal	2535.75	0	0	0	0	0	0	0
8	Ganjam	0	0	0	0	0	0	0	0
9	Khurda	1167.64	0	0	0	0	0	0	0
10	Jagatsinghpur	0	620.5	0	0	0	0	0	0
11	Jajpur	33140.14	0	0	0	0	0	0	0
12	Jharsuguda	5160.88	69.45	0	146.298	0	0	0	0
13	Kalahandi	0	0	0	0	0	0	0	0
14	Keonjhar	22.07	0	0	0	0	0	0	0
15	Koraput	0	0	0	0	0	0	0	0
16	Malkangiri	0	0	0	0	0	0	0	0
17	Mayarbhanj	46.93	0	0	0	0	0	0	0
18	Nabarangpur	0	7.15	0	0	0	0	0	0
19	Rayagada	0	348	0	0	0	0	0	0
20	Sambalpur	7206.82	29.7	0	0	0	0	0	0
21	Sundargarh	57.35	691.983	0	0	0	0	0	0
	Total	**52396.07**	**1809.783**	**0**	**359.079**	**0**	**0**	**0**	**0**

Table 23(e): Odisha-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Angul	2760.05	0	847.152	10.765	883.114	22.81	888.358	6753.595
2	Balasore	13.547	0	110.075	8.94	17.255	0	35.745	6
3	Bargarh	0	0	0.016	0	2.058	0	0.016	0
4	Bhadrak	0.735	0	1.291	0	2.473	0	1.701	
5	Bolangir	---	---	---	---	---	---	---	---
6	Khurda	126.479	0	2.85	0	2729.015	0	7.803	0
7	Cuttack	15.69	0	12.927	0	48.079	17.652	4.294	0
8	Dhenkanal	1224.99	0	6.255	2.65	29.68	0	1.382	24.035
9	Ganjam	0.02	0	3.787	0	0.05	0	4.158	0.5
10	Jagatsinghpur	0	15.75	442.102	1656.985	348.367	45.55	517.601	4314.385
11	Jajpur	365.935	0	11.748	4.46	331.459	0	35.406	13.1
12	Jharsuguda	24.3	68.911	360.86	76493.584	5071.603	0	374.016	114598.688
13	Kalahandi	0	0	12.72	1620	0	0	25.5	32
14	Keonjhar	5.158	0	136.226	1.77	1201.134	0	82.693	3367.989
15	Koraput	0	0	22.847	0	116.525	5.215	95.645	26.6
16	Malkangiri	0	0	0	0	0	0	0	0
17	Mayarbhanj	0	0	0	0	9.32	0	0	0.018
18	Nabarangpur	0	0	0	0	0	0	0	0
19	Rayagada	0	0	12.6	1.34	3.93	0.1	24.59	2.68
20	Sambalpur	1827.379	0	10.268	13993.785	1410.299	0	71.179	6610.987
	Sundargarh	82.001	0.255	54.01	28.641	93.274	0.307	63.759	14.66
	Total	**6446.284**	**84.916**	**2047.734**	**93822.92**	**12297.635**	**91.634**	**2233.846**	**135765.237**

Table 23(f): Odisha-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross			
2	Zinc Bearing Wastes	1	3000	4.99
3	Copper Bearing Waste			
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt			
5	Lead bearing waste including battery waste	1	18000	0
6	E-Waste			
7	Paint and ink Sludge/residues			
8	Used oil	10	12578.4	1315.116
9	Waste Oil	5	36715.5	1689.99
	Total	**17**	**70293.9**	**3010.096**
B	**Utilization of HW under Rule 9**			
1	Utilization of Used Anode Butt to produce Carbon Pellets and High Energy (HE) Coke for use in Steel furnaces/foundries.	1	3300	
2	Utilization of pre-processed Used Anode Butt to produce Green Anodes through Anode-Baking Process for use in Aluminium Smelters	1	20546	20365.01
3	Utilization of pre-processed used Anode Butt generated to produce Carbon Electrode Paste.	2	57120	1201.22
4	Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal	5	41640	14529.02
5	Utilisation of Spent Pot Lining generated during production of Primary Aluminium from Alumina Smelting Industries for utilization as a supplementary resource for manufacturing of Carbon Mineral Fuel	2	29520	9719.45
6	Utilisation of Flue Gas Cleaning Residue generated from Bag filter connected to steel scrap melting induction furnace for recovery	1	70900	17176.2

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
	Zinc Metal			
	Total	**12**	**223026**	**62990.9**
C	**Co-processing in Cement Plants (outside the state)**			**39.98**

Table 23(g): Odisha-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s Chemical & Metallurgical Co., Shed Used Oil 720 No. S/111-24, industrial Estate, Kalunga, Rourkela	Used Oil	720 KL/A	139.5
2	M/s N. S. Chemicals, Plot No.-E/72, :Chhend Colony, Rourkela, Sundargarh	Used Oil	936 KL/A	68.52
3	M/s Ratna Industries, At- Jamunanki, Po- 1Kuarmunda, Dist-Sundargarh-770039	Used Oil	750 KLA/A	14.4
4	M/s Raj Lubricants, At/ P.0- Janug nj, Dist- Balasore, Odisha	Used Oil	1500 KL/A	344.7
5	M/s Susim Enterprises, At- 154/F & G,New Industrial Estate, Jagatpur, Dist-Cuttack, Odisha	Used Oil	1200 KLA/A	155.03
6	M/s Gouri Shankar Lubricants, AtGurujang, Po- Talcher, Dist- Angul, Odisha - 759100	Used Oil	600 KL/A	40.68
7	M/s Asian Petro Chemicals, At Asanabahali, Po.-Barada, Gundichapada, Diskphenkanal	Used Oil	960 KL/A	242.73

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
8	M/s Shree Durga Petrochemicals, Plot No. 89A, New Industrial Estate, Phase-11, Jagatpur, Dist - Cuttack, Odisha - 754021	used lubricating oil/Transformer oil	2160 KL/A	67.14
9	M/s Swaraj Lubricants, At- Gobinda, PoHaldipada, Dist-Balasore, Odisha	used oil waste oil	1500 KL/A 6000 KL/A	
10	M/s Purbanchal Petroleum Private Limited, At Kalagada, Po - Jadupur,I Dist - Kendrapara, Odisha - 754213	used oil/spent oil waste oil	3650 KL/A 12045 KL/A	0
11	M/s Shriya Metals & Chemicals, At-, Khairbandh, PO- Ranto Birkera, PSBramhanitarang, Dist - Sundargarh, Odisha - 770037	waste oil	7350 KL/A	308.98
12	M/s N. C Oil Refinery Pvt. Ltd., V l- Soya, Po-Osakana, Balikuda, Dist-	waste oil	5000 KL/A	90.64
13	M/s Omm Sai Refinery 58/263, Kochilagadia, PO- Darpanigarh Dist. Jajpur Odisha	waste oil	10400 KL/A	169.62
14	M/s Dhan Shree Smelters, At- Plot No. 154/C & D, New Industrial Estate, ,Jagatpur, Dist- Cuttack, Odisha	lead acid battery plates and other lead scrap	1800 T/A	0
15	M/s East Coast Biotech Project, At - Paniora (Near Sungranite Exports Ltd.), PO-Palaspur, Dist- Khurda, Odisha	zinc skimming/zinc ash/zinc dross	3000 T/A	4.99
16	M/s Omm Cee Business, At- IDCO Plot NO. 3, 5anabramanitarang, Industrial Estate, Kalunga, Dist - Sundargarh, Odisha	used anode butt	3300 T/A	0
17	M/s Metacast International, At/Po - 1‘atapali, Dist-Sambalpur, Odisha	used anode butt	10080 T/A	1201.22

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
18	M/s Metakani Resources, At/Po-Kabrapali, Dist - Sambalpur, Odisha	used anode butt	47040 T/A	0
19	M/s A.K Enterprises, Plot No. 7, Khordha Industrial Estate, Dist Khordha, Odisha	aluminium dross	8400 T/A	4033
20	M/s Gaurav Aluminium At/PO Hirma, Dist-Jharsuguda, Odisha	aluminium dross	12000 T/A	4850
21	Shree Sai Metallik,At-Jamunalia, PO-Badaposhi,VIA-Naranpur, Dist-Keonjhar, Odisha	aluminium dross	7680	1611.55
22	Hirakud Metallics, Nuakhurigaon, PO-Sason, Dist-Sambalpur, Odisha	aluminium dross	9600	1036.47
23	Hindalco Industries Ltd., Smelter Unit, at/PO-Hirakud, Dist-Sambalpur, Odisha-768016	aluminium dross	3960	2998
24	Hindalco Industries Ltd., Smelter Unit, at/PO-Hirakud, Dist-Sambalpur, Odisha-768016	Anode Butt	20546	20365.01
25	M/s Green Energy Resources, Shanti Nagar Road, Near Furniture point, Budharaja, sambalpur	spent pot lining manufacturer carbon fuel	25200 T/A	9719.45
26	M/s Shubhra Chemicals Plot No. 10, Old Industrial Estate, Jagatpur, Dist. Cuttack, Odisha	spent pot lining	12960 T/A	0
27	M/s Suraj Products Ltd., At- Barapali, Potst-Kesharmal, Rajganpur, Dist. Sundargarh, Odisha	flue gas dust/gas cleaning plant (GCP) sludge of LD furnace/electric arc furnace (EAF)/ blast furnace of steel plant/captive blast furnace	68500 T/A	16936.77
		GCP sludge of ferro alloy plant	2400 T/A	239.43

Table 23(h): Odisha-Details of Hazardous waste disposed in Common TSDF(s)

Name and Address of the TSDF	Quatity in Stock at the beginning of the year (MT)		Quatity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
	Landfillable	Incinerable	For Direct landfill	For Landfill after Treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Capacity of Incinerator (KCal)	Capacity of Incinerator (T/H)	Capacity of Landfill (MT/A)
Odisha Waste Management Project of M/s Ramky Enviro Engineers Ltd., Plot No. 420/648/1, Vill: Kanchichuan Via: Sukinda, PO: Mangalpur, Dist: Jajpur, Odisha- 755 018	N/A	N/A	15036.6	37527.17	N/A	N/A	15036.6	37527.17	N/A	N/A	N/A	120757.78	N/A	N/A	75000

Table 22(i): Odisha-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year		Cumulative HW disposed till the end of financial year	
			Incinerator (T/H)	Landfill (MT/A)	Incinerable (T/H)	Landfillable (MT)	Incinerable (T)	Landfillable (T)
1	M/s Rourkela Steel Plant, Rourkela	Landfill		15000 T		687.7		4672.7
2	M/s Hindalco, Hirakud	Landfill		55000T		0		0
3	M/s JK Paper Mill, Rayagada	Landfill		1550 T		348		1060.83
4	M/s Paradeep Phosphate Ltd., Paradeep	Landfill		5700 T approx		0		23.02
5	M/s NALCO (Smelter), Angul	Both	100 Kg/hr	40000 T		43	365	39928
6	M/s NALCO (Refinery), Damonjadi, Dist: Koraput	Incinerator	Not in use			0		
7	M/s OCL India Ltd., Raigangpur	Landfill		483 T		4.283		80.711
8	M/s Ballarpur Industries, Jeypore, Koraput	Landfill		3000 T		1		1.5
9	M/s Tata Refractories, Jharsuguda	Landfill		500 T		0		130
10	M/s IFFCO Ltd., Paradeep	Landfill		6000 T		4.5		1100
11	M/s Grasim Industries Ltd., Ganjam	Landfill		5100 T				
12	M/s Vedanta Aluminium Ltd., Jharsuguda	Both	50 kg/hr	22000 T	146.298	69.45	438.393	21802.419
13	M/s Raj Lubricant, At/P.P.-Januganj, District, Balasore, Odisha	Incinerator	100 Kg/hr		15.751		15.751	
14	M/s Indian Oil	Both	250 kg/hr	82125 T	0	616		616

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year		Cumulative HW disposed till the end of financial year	
			Incinerator (T/H)	Landfill (MT/A)	Incinerable (T/H)	Landfillable (MT)	Incinerable (T)	Landfillable (T)
	Corporaation Ltd., Paradeep							
15	M/s Mangalam Timber Products Ltd, Vill: Kusumi, Po & Dist.: Nabarangpur, Odisha- 746 059.	Landfill		140 T	0	7.15		7.15

23.
PUDUCHERRY
(Hazardous waste generation and its Management)

Table 23(a): Puducherry-Details of Hazardous waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Puducherry	133	15	1590	7152	370367	3.695	395.58	1557	24456.46	41254.278	0
2	Karaikal	12	0	1.27	147.18	53800	0	2.507	10	0	9131.669	0
3	yanam	2	0	0	6000	0	0	0	0	0	0	0
4	Mahe	0	0	0	0	0	0	0	0	0	0	0
	Total	**147**	**15**	**1591.27**	**13299.18**	**424167**	**3.695**	**398.087**	**1567**	**24456.46**	**50385.947**	**0**

Table 23(b): Puducherry- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	0	0
2	For disposal at common Incinerator	0	0	Tamilnadu	120
		0	0	Karnataka	215
3	For recycling by Schedule IV recyclers	0	0	Tamilnadu	911
				Karnataka	1
				Rajasthan	61
				Andhra Pradesh	90
				Telangana	76
				Maharashtra	50
				Haryana	79
				Kerala	82
4	For utilization in co-processing (cement plants)	0	0	Tamilnadu	74
5	For utilization under Rule 9 (other than co-processing)	0	0	AP	2011
				Karnataka	604.5
				Tamilnadu	13420

Table 23(c): Puducherry-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Puducherry	114	0	6938	6	0	0	144	0
2	karaikal	7	0	0	0	0	0	0	0
3	Yanam	0	0	0	0	0	0	0	0
4	Mahe	0	0	0	0	0	0	0	0
	Total	**121**	**0**	**6938**	**6**	**0**	**0**	**144**	**0**

Table 23(d): Puducherry-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Puducherry	0	1.255	0	48.58	0	0	0	0
2	Karaikal	0	0	0	2.5177	0	0	0	0
3	Yanam	0	0	0	0	0	0	0	0
4	Mahe	0	0	0	0	0	0	0	0
	Total	**0**	**1.255**	**0**	**51.09**	**0**	**0**	**0**	**0**

Table 23(e): Puducherry-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Puducherry	25.684	13	187	169	28.124	25	281	1571
2	Karaikal	0	0.0107	40	0	0	0	43	0
3	Yanam	0	0	0	0	0	0	0	0
4	Mahe	0	0	0	0	0	0	0	0
	Total	**25.684**	**13.01**	**227**	**169**	**28.124**	**25**	**324**	**1571**

Table 23(f): Puducherry-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S. No	Type of recycling facilities*	No. of facilities authorised for recycling/ utilization/co-processing of HW	Total authorized capacity (MTA)	Quantity recycled/ utilized/ co-processed (MT) during the year
1	Zinc bearing waste	2	6000	0
2	Used oil	1	2400	117
3	waste oil			
4	C5- Pertolium Jelly		50	4
5	Spent Solvents		250	144
Total		**3**	**8700**	**265**
41	Utilization of waste dichromate solution generate during manufacturing ibuprofen for production of Basic chromium sulphate	2	18100	6938

Table 23(g): Puducherry-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.NO	Name and address of the facility	Type of hazardous waste authorized for recycling		Authorized recycling/utilization/ Co-Processing capacity (MTA)	Quantity Recycled/ utilized / co-processed (MT
		Schedule I	Schedule II		
1	M/s R.K.Industries, 3/5, Lingareddipalayam, Puducherry-605 503	5.1 waste oil		1600	69
		5.2 oil residue		800	48
		5.2 soked cotton waste			19.5
		20.2		250	144
			C5	50	4
2	M/s Rishab Intermediates Pvt. Ltd., A-70, Indl., Estate, Sederapet, Puducherry 605 111.		A4	10800	6558
3	Premier chemical industries, S.F no. 123/8B, 123/9A thuthipet, villianur commune, Puducherry-605502.		A4	7300	380
4	M/s A. V. R. Zinc Products (P) Ltd., Unit -II, Adavipolam, Yanam- 533 464.	6.2		3000	0
5	M/s A. V. R. Zinc Products (P) Ltd., Unit -II, Adavipolam, Yanam- 533 464.	6.2		3000	0

Table 23(h): Puducherry-Details of Hazardous waste disposed in Common TSDF(s)

S. No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	No Common TSDF Fscility in Puducherry															

Table 23(i): Puducherry-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	M/s Solara Activa Pharma (Unit-I), R.S. 32, 34, PIMS road, Periya kalapet, Puducherry- 605014	Landfillable	0	90	1.25	30
2	M/s RK Industries, No. 3/5, Lingareddipalayam, Puducherry	Incinerable	3.6	0	51	0

24.
PUNJAB
(Hazardous waste generation and its Management)

Table 24(a): Punjab-Details of Hazardous waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Hoshiarpur	36	1553	20	2140	25500	830.248	3.3	1288.95	20682.625	0	0
2	Shaheed Bhagat Singh Nagar	20	6470	3819.5	10883	350	4095	992.397	3535.3	289.9	0	0
3	Amritsar	181	246.088	43.92	952.837	16.227	161.98	8.055	39.373	4.935	0	0
4	Patiala	83	1219.034	375.887	5274.316	8251	1053.391	243.18	5355.75	5625.12	0	0
5	Jalandhar	593	3342.524	32.68	1869.11	0	3305.57	28.56	1829.11	0	0	0
6	Kapurthala	58	153.696	168.7	1.85	35.8	35.23	161.28	0.85	14.2	0	0
7	SAS Nagar and Roopnagar	159	6159.79	2011.36	1005.68	6493.69	5504.69	1468.819	695.397	3614.745	0	0
8	Bathinda	35	1970.54	152.6	10768.89	0	186.82	44.6	8957.73	0	0	0
9	Mansa	9	92.06	2.2	170.352	0	92.06	2.2	170.352	0	0	0
10	Sri Muktsar Sahib	15	12.25	0	1069.02	0	12.25	0	1069.02	0	0	0
11	Batala	209	596.86	0	1	0	12.052	0	0.362	0	0	0
12	Faridkot	10	7.68	0	180.8	0.024	1.475	0	180	0	0	0
13	Moga	13	13.472	16	1326.48	1.33	10.0304	0.25	397.035	0	0	0
14	Ferozepur	4	0.135	0	120.84	0	0	0	120.72	0	0	0
15	Fazilka	3	6	0	1.25	21	1.92	0	0	0.32	0	0
16	Sangrur	80	1478.448	2705.075	705.416	15530	522.588	42.657	323.464	6308	7254.704	0
17	Barnala	14	204.04	2.613	1289.111	5400	166.207	0.1688	186.143	3319.61	0	0
18	Ludhiana-1	485	4957.8	174.4	1714.76	62940.79	5336.34	78.875	1396.25	13573.1	0	0
19	Ludhiana-2	253	2622.2	513.86	6307.48	328.87	2866.35	185.32	1574.05	135.6	0	0
20	Ludhiana-3	232	1183.92	120.3	337.84	0	823.92	40	182.93	0	0	0

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
21	Ludhiana-4	304	1764.735	211.097	297.07	1200	882.515	205.33	246.37	0	0	0
22	Fatehgarh Sahib	383	1998.83	0.57	62.66	778.28	1717.835	0.41	55.91	698.89	0	0
23	Khanna	105	343.476	0	4.511	61.68	308.11	0	3.49	59.89	0	0
	Total	**3284**	**36396.578**	**10370.762**	**35715.383**	**126908.69**	**27926.5814**	**3505.4018**	**27608.556**	**54326.935**	**7254.704**	**0**

Table 24(b): Punjab- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	0	0
2	For disposal at common Incinerator	0	0	0	0
3	For recycling by Schedule IV recyclers	Uttar Pradesh	2356.716	0	0
		Haryana	4675.587	0	0
		Maharashtra	280.88	0	0
		Chattisgarh	212.64	0	0
		Chandigarh	2045.23	0	0
		Tamilnadu	212.9	0	0
		Orissa	1272.85	0	0
		Rajasthan	133.93	0	0
		Gujarat	418.491	0	0
		Jammu & Kashmir	14.97	0	0
		Delhi	86.997	0	0
		Himachal	32.29	0	0
		Telangana	16.48	0	0
		Jharkhand	469.37	0	0
		West Bengal	59.94	0	0
		Madhya Pradesh	56	0	0
4	For utilization in co-processing (cement plants)	0	0	Rajasthan	304.88
5	For utilization under Rule 9 (other than co-processing)	0	0	0	0

Table 24(c): Punjab-Details on Hazardous Waste Recycled and Utilized

S. No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Hoshiarpur	1282.95	281.625	0	19935.68	0	0	0	0
2	Shaheed Bhagat Singh Nagar	3531	7.2	0	282.5	0	0	0	0
3	Amritsar	44.435	0	0.6	0.9	0	0	0	0
4	Patiala	2744.73	0	5505.02	0	0	0	0	0
5	Jalandhar	2112.01	0	0	0	75.35	0	0	0
6	Kapurthala	0	0	0	0	0	0	0	0
7	SAS Nagar and Roopnagar	708.326	0	3429.07	0	2115.93	0	0	0
8	Bathinda	8957.73	0	0	0	0	0	0	0
9	Mansa	170.352	0	0	0	0	0	0	0
10	Sri Muktsar Sahib	1069.02	0	0	0	0	0	0	0
11	Batala	0	0	0	0	0	0	0	0
12	Faridkot	180	0	0	0	0	0	0	0
13	Moga	431.41	0	0	0	0	0	0	0
14	Ferozepur	120.72	0	0	0	0	0	0	0
15	Fazilka	0	0	0.32	0	0	0	0	0
16	Sangrur	1052.818	0	6328.155	0	10153.991	0	0	0

S. No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	**15**	**16**	**17**	**18**	**19**	**20**	**21**
17	Barnala	195.518	0	3319.61	0	0	0	0	0
18	Ludhiana-1	305.97	0	13562.2	0	0	0	0	0
19	Ludhiana-2	1649.65	0	135.6	0	0	0	0	0
20	Ludhiana-3	182.93	0	0	0	0	0	0	0
21	Ludhiana-4	230.95	0	0	0	0	0	0	0
22	Fatehgarh Sahib	1.09	0	389.14	0	0	0	0	0
23	Khanna	0	0	22.965	0	0	0	0	0
	Total	**24971.609**	**288.825**	**32692.68**	**20219.08**	**12345.271**	**0**	**0**	**0**

Table 24(d): Punjab-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Hoshiarpur	629.225	0	3.115	0	0	0	0	0
2	Shaheed Bhagat Singh Nagar	3867.284	0	7.587	982.81	0	0	0	0
3	Amritsar	161.98	0	6.59	0	0	0	0	0
4	Patiala	510.73	0	456.8	54.45	0	0	0	0
5	Jalandhar	4950.461	0	26.925	22.53	0	0	0	0
6	Kapurthala	4.1	0	138.69	0	0	0	0	0
7	SAS Nagar and Roopnagar	5453.24	0	161.4	1365.5	0	0	0	0
8	Bathinda	134.92	51.9	0	44.6	0	0	0	0
9	Mansa	92.08	0	2.2	0	0	0	0	0
10	Sri Muktsar Sahib	12.25	0	0	0	0	0	0	0
11	Batala	10.985	0	0	0	0	0	0	0
12	Faridkot	0	0	0	0	0	0	0	0
13	Moga	27.63	0	0	0.25	0	0	0	0
14	Ferozepur	0	0	0	0	0	0	0	0
15	Fazilka	0	0	0	0	0	0	0	0
16	Sangrur	562.679	0	66.69	111	0	0	0	0
17	Barnala	137.076	0	0.363	0	0	0	0	0
18	Ludhiana-1	5438.7	0	80.575	0	0	0	0	0
19	Ludhiana-2	3067.55	0	203.42	0	0	0	0	0
20	Ludhiana-3	823.92	0	32.28	0	0	0	0	0
21	Ludhiana-4	759.38	0	152.38	0	0	0	0	0
22	Fatehgarh Sahib	490.62	0	0.19	0	0	0	0	0

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
23	Khanna	123.96	0	0	0	0	0	0	0
	Total	**27258.77**	**51.9**	**1339.2**	**2581.1**	**0**	**0**	**0**	**0**

Table 24(e): Punjab-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Hoshiarpur	2.12	0.6	0.4	0	203.143	0.785	6.4	175.62
2	Shaheed Bhagat Singh Nagar	50.019	0.9	2.1	0	277.735	2.9	6.4	0.2
3	Amritsar	538.194	7.015	153.776	1.5	538.194	8.48	148.714	4.935
4	Patiala	580.525	304.45	2625	0	1123.194	36.38	5236.002	120.1
5	Jalandhar	1874.276	21.84	287.26	0	229.385	0.945	4.36	0
6	Kapurthala	50.143	43.36	1.33	1.83	81.273	65.95	2.18	0.85
7	SAS Nagar and Roopnagar	823.722	315.47	157.73	787.06	875.12	257.424	144.801	972.458
8	Bathinda	6058.713	208.8	7358.64	200	6058.713	208.8	7358.64	200
9	Mansa	90.48	1000	171.16	0	90.48	1000	171.16	0
10	Sri Muktsar Sahib	12.39	0	1069.09	0	12.39	0	1069.09	0
11	Batala	31.288	0	0.428	0	32.355	0	0.79	0
12	Faridkot	0.945	0	0	0	2.42	0	0	0
13	Moga	61.505	0	34.375	2.64	43.9054	0	0	2.64

14	Ferozepur	0.726	0	0	0	0.726	0	0	0
15	Fazilka	6.93	0	1.195	0	8.85	0	1.195	0.32
16	Sangrur	139.5787	179.675	987.466	43.518	99.4877	44.642	258.112	23.363
17	Barnala	112.843	0.2962	25.694	0	141.974	0.102	16.319	0
18	Ludhiana-1	126.53	8.2	37.73	4.8	24.17	6.500	1128	15.7
19	Ludhiana-2	456.6	36.4	214.2	0	255.4	18.3	138.6	0
20	Ludhiana-3	163.12	12.28	24.6	0	172	20	24.6	0
21	Ludhiana-4	138.57	12.31	21.22	0	261.705	65.26	36.64	0
22	Fatehgarh Sahib	535.08	0.34	10.58	0	1762.295	0.56	65.4	309.75
23	Khanna	207.2	0	3.2	0	615.3	0	6.69	36.925
	Total	**12061.4977**	**2151.9362**	**13187.174**	**1041.348**	**12910.2151**	**1737.028**	**15824.093**	**1862.861**

Table 24(f): Punjab-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

Sr. No.	Type of Recyling Facilities	Total No. of Facilities authorizaed for recycling / Utilization / co-processing of HW	Total Authorized Capacity (MTA)	Total Quantity Recycled/ Utillized / Co-prcoessed (MT)
A	**Commonly recyclable HW**	0	0	0
1	Brass Dross	1	2250	0
2	Zinc Bearing Wastes	32	79654.2	20545.852
3	Copper Bearing Waste	0	0	0
4	Spent Catalyst containign nickel, cadmium, Zinc, copper, arsenic, vanadium and cobatt.	0	0	0
5	Lead bearing waste including battery waste	56	43412.72	6891.279
6	E-waste	0	0	0
7	Paint and ink Sludge/ residues	1	150	37.419
8	Used Oil	13	46208.4	2689.834
9	Waste Oil	1	13800	5800
	Total	**104**	**185475.32**	**35964.384**

Sr. No.	Type of Recyling Facilities	Total No. of Facilities authorizaed for recycling / Utilization / co-processing of HW	Total Authorized Capacity (MTA)	Total Quantity Recycled/ Utillized / Co-prcoessed (MT)
B	**Utilization of HW under Rule 9**	0	0	0
1	Recovery of solvents from spent solvents	1	2100	961
2	Utilization of APCD Dust/ Residue generated from LD Furnace/ EAF/ Blast Furnace for producing cold briquettets for use in blast furance for production of Pig iron	1	6000	389.14
3	Utilization of Spent H2SO4 generatedform pickling operations for manufacturing Ferrous Sulphate	2	62400	13440
4	Utilization of Spent Acid containing Molybdenum generated from filament industires for producing Molybdenum Trioxide by heating process.	1	165	161.86
5	De-contamination of contaminated drums/ containers / barrels	4	2293.77	61614.69
6	Utilization of process slude and primary ETP sludge gnerated from Pulp & Paper Industries for producing Paper Board/ Mill Board/ Card Board.	6	47450	30196.081
7	Utilization of spent fixer (Hypo) solution generated from Photography / X-rays films to recover silver metal.	1	60	17.395
	Total	**16**	**120468.77**	**106780.166**
C	**Co-processing in Cement Plants**	2	300.2	288.9
	Total	**2**	**300.2**	**288.9**

Table 24(g): Punjab-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
1	M/s Kuantum Papers Ltd (formally known as ABC Paper Mills), Saila Khurd, Tehsil Garhshankar, Hoshiarpur	32.3	25500	20682.625
2	M/s Shreyans Industries Ltd., Balachaur Ropar Road, Vill. Banah, Nawanshahr	32.3	350	272.48
3	M/s Kay Chemical Industries, 430, Focal Point, Amritsar	Zinc Ash	15.000	4.967
4	M/s B.B. Chemical Industry, Batala Road, Amritsar	Zinc Ash	18.000	9.501
5	M/s Shambu Nath Chemicals Works, Seth Jagat Bandhu Road, Old Jail Road, Amritsar	Zinc Ash	5.300	3.117
6	M/s Jay Jay Chemical, 262-East Mohan Nagar, Amritsar	Zinc Ash	1.500	0.475
7	M/s Kissan Zinc (P) Ltd, East Mohan Nagar, Amritsar	Zinc Ash	9.000	4.251
8	M/s Randeep Paper Board Mills (Chemical Divisions) Tarn Taran Road, Amritsar	Zinc Ash	12.400	4.870
9	M/s Sardar Agro Industry, 261, Focal Point, Amritsar	Zinc Ash	4.500	1.580
10	M/s Noor Chemical Industries, Village- Bal Kalan, Majitha Road, Amritsar	Zinc Ash	1.500	0.720
11	M/s G.R.P. Industries, Plot No. E-60, New Focal Point, Mehta Road, Amritsar	Lead Battery Plates / Lead Scrap	1.200	0.527
12	M/s Hero Battery Inds, 358-Focal Point, Amritsar	Lead Battery Plates / Lead Scrap	0.600	0.330

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
13	M/s Shiv Shakti Enterprises, Dhapai Road, Near- Chaudhry Farm House, Amritsar	Lead Battery Plates / Lead Scrap	0.015	0.010
14	M/s M.T. Metal, Ibban Kalan, Chabhal Road, Amritsar.	Lead Battery Plates / Lead Scrap	1.200	0.700
15	M/s Standard Engg, (Now Known as Standard Smelters) Fatehgarh Churian Road, Amritsar	Lead Battery Plates / Lead Scrap	0.150	0.075
16	M/s "Jyoti Chemicals & Fertilizers, PATIALA ROAD, SAMANA, Distt. Patiala"	Zinc skimmings/ zinc ash	3200	Nil, as the industry is lying temporary closed.
17	M/s The Malwa Industrial & Marketing Ferti-chem Co. Operative Society Ltd. (Lessee Parry Fertilizer India Ltd.,) Distt. Patiala	Zinc skimmings/ zinc ash	810	Nil, as informed by the industry.
18	M/s Shiv Shankar Enterprises, 38, Industrial Estate, Rajpura	Lead acid battery plates and other lead scrap/ashes/residues	305	Nil, as the unit is yet not taken in operation by the PP.
19	M/s Navjyoti Chemical & Fertilizer Ltd., PATIALA ROAD, Samana, Distt. Patiala	Zinc skimmings/ zinc ash	1260	Nil, as the industry is lying temporarily closed.
20	M/s Luxmi Chemicals & Fertilizers, Village Bahmna, Bhawanigarh Road, samana, Distt. Patiala.	Zinc skimmings/ zinc ash	2676	99.87
22	M/s J.K Trading Co. D-51-52 Sports & Surgical Complex, Jalandhar	used Oil	2208	449.88
	M/s United Petrochem Industries, Sangal Sohal road, Basti Peer Dad Khan, Jalandhar.	used Oil	17204	543.45

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
24	M/s Priya Chemicals and allide industry, Suranussi, G.T Road jalandhar	used Oil	1416.4	10.58
25	M/s A.K INDUSTRIES.,8/3 INDL. ESTATE, JALANDHAR	Lead bearing waste including batteries waste	250	25
26	M/s A.R. INDUSTRIES UNIT I,51-A, BEHIND INDUSTRIAL ESTATE JALANDHAR	Lead bearing waste including batteries waste	300	130
27	M/s A.R. INDUSTRIES UNIT-II, FLOW BEHIND INDUSTRIAL ESTATE JALANDHAR	Lead bearing waste including batteries waste	250	159
28	M/s ACTION BATTERIES, UNIT II,D-79, FOCAL POINT, JALANDHAR	Lead bearing waste including batteries waste	500	88.5
29	M/s GEE EMM INDUSTRIES,50-A, INDUSTRIAL ESTATE, PATHANKOT ROAD, BYE PASS, ROAD, JALANDHAR	Lead bearing waste including batteries waste	300	215.6
30	M/s IMPERIAL ALLOYS INDS.,GALI .NO.5 UDYOG NAGAR RANDHAWA .MASANDHA	Lead bearing waste including batteries waste	300	Nil
31	M/s J.J. ENTERPRISES,VPO RANDHAWAN MASANDAN, UDYOG NAGAR, DISTT. JALANDHAR	Lead bearing waste including batteries waste	250	120
32	M/s JASPREET & CO,DHOGRI ROAD, NEAR MURGIKHANA, JALANDHAR	Lead bearing waste including batteries waste	250	Nil
33	M/s KAYCEE BATTERIES & ALLOYS (P) LTD,H-18, INDUSTRIAL AREA, JALANDHAR	Lead bearing waste including batteries waste	500	Nil

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
34	M/s KUNAL METAL INDUSTRY UNIT II,BACKSIDE FOCAL POINT TRANSPORT NAGAR,JALANDHAR	Lead bearing waste including batteries waste	250	Nil
35	M/s PARAMOUNT ALLOY COMPANY,,VILLAGE DHOGRI JALANDHAR	Lead bearing waste including batteries waste	300	Nil
36	M/s Raj Dev Industries,Globe Colony, Jalandhar	Lead bearing waste including batteries waste	300	130
37	M/s S.K. METALS,RANDHAWA MASNDAN, UDYOG NAGAR, JALANDHAR	Lead bearing waste including batteries waste	300	20
38	M/s SAMRATH METAL CO. Udyog Nagar, VPO. Randhawa Masanda Backside Focal POint, Jalandhar	Lead bearing waste including batteries waste	300	79
39	M/s VINAYAK INDUSTRIAL CORP., CANAL ROAD, INDL. AREA, JALANDHAR	Lead bearing waste including batteries waste	300	Nil
40	M/s J.S Metal Works,Streel no.5 Near Shubh Kanda, VPO Gadaipur, Jalandhar	Lead bearing waste including batteries waste	300	40
41	M/s Charan Industry F-8, Focal Point, Jalandhar	Lead bearing waste including batteries waste	300	15
42	M/s Joginder Elelctricals & Auto Parts VPO. Panjdhera, Goindwal Road, Phillaur jalandhar	Lead bearing waste including batteries waste	250	28
43	M/s Sethi Brothers Industrties, Street No. 9 VPO. Randhawa Masanda Jalandhar	Lead bearing waste including batteries waste	500	20
44	M/s ZINC CHEM (FORMALLY DILSHER CHEMICALS) 82-AMAR GARDEN KAMAL PARK, JALANDHAR	Zinc beairng waste	162	38

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
45	M/s Ambuja Cement Ltd , Post Office, Rabriyaswas Tehsil Jaitaran, Distt Pali Rajastan	Paint Sludge	-	15.180 From RCF Kapurthala
46	M/s B.B Industries., Village Bhagwanpur, Tehsil Dera Bassi, Distt. SAS Nagar.	Lead Bearing waste including battery waste	1500	Nil (industry is yet to be commissioned)
47	M/s J.C. Chemicals ,Village Saidpura, Tehsil Dera Bassi	Recovery of solvents from spent solvent	2100	961
48	M/s Golden Petro, C-45. IFP, Chanalon	Recycling of used oil	2400	487.178
49	M/s Enviro clean, #129, Phase 9, Mohali	De-contamination of contaminated drums/ containers/ barrels	1050	430.101
50	M/s M.S Polymers, E-104, Focal Point, Chanalon, Kurali	Pant and ink sludge/ residue	150	37.419
51	M/s Philips Electronics India Ltd, Phase 9, Mohali	Utilisation of spent acid containing Molybednum generated from filament industries for producing molybdenum trioxide by heating process	165	161.86
52	M/s Chhikara Industries, Focal Point, Dera Bassi.	Lead Bearing waste including battery waste	4500	2000
53	M/s Dashmesh Solvex, Village Gharuan, Kharar	Zinc Ash from galvanizing industry	15	Nil (industry is yet to be commissioned)
54	M/s Raja Enterprises, Industrial Growth Centre, Mansa Road, Bathinda	Lead Bearing waste including battery waste	1500	900
55	M/s Shiva Electronics, Ramdittewala Road, Tehsil & Distt. Mansa	Lead Bearing waste including battery waste	500	225

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
56	M/s Sant Metal Industries, Seikhu Road, Malout, Distt. Sri Muktsar Sahib	Lead Bearing waste including battery waste	500	250
57	M/s S.S. Udyog, Plot no B-91, Focal Point, Malout, Distt. Sri Muktsar Sahib	Lead Bearing waste including battery waste	500	250
58	M/s Shiv Shakti Udyog, Seikhu Road, Malout, Distt. Sri Muktsar Sahib	Lead Bearing waste including battery waste	1000	500
59	M/s Dhamija Metals Industries, D-34, Focal Point, Malout, Distt. Sri Muktsar Sahib	Lead Bearing waste including battery waste	1500	250
60	M/s Alloys & Allied Enterprises, S-48, Focal Point, Malout, Distt. Sri Muktsar Sahib	Lead Bearing waste including battery waste	1500	0
61	M/s Om Shakti Smelters, Lambi Road, Gidderbaha, Distt. Sri Muktsar Sahib	Lead Bearing waste including battery waste	1500	400
62	M/s R.V. Metals Industries, Village Kotli Devan, Distt. Sri Muktsar Sahib	Lead Bearing waste including battery waste	700	0
63	M/s Bansal Paper Board Mills, Village Mahabadhar, Distt. Sri Muktsar Sahib	Utilization of process sludge and primary ETP sludge generated from Pulp & Paper Industries for producing paper Board / Mill Board / Card Board	0	0
64	M/s Sant Mix Board, Pharwahi Road, Bhikhi, Distt. Mansa	Utilization of process sludge and primary ETP sludge generated from Pulp & Paper Industries for producing paper Board / Mill Board / Card Board	3600	2949.5

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
65	M/s Lakhdata Petro Chemicals, Refinery Road, Village Ramsra, Distt. Bathinda	Used Oil & Waste Oil	13800	5800
66	M/s Dashmesh Metal, Village Jammu Kulian, Tehsil & Distt. Pathankot	Lead Battery Plates / Lead Scrap	720	20
67	M/s Balaji Industries, C-3A, Focal Point- Kotkapura, Distt. Faridkot	Zinc Ash	2160	0
68	M/s Sardar Chemfert Industries, Seed Farm Road, Abohar, Distt. Fazilka	Zinc Ash	500	1.92
69	M/s S.K. Metal, Near Focal Point, Kotakpura, Distt. Faridkot.	lead acid battery plates/lead scrap/ashes	120	0
70	M/s Sukhwindra Industry, Near Focal Point, Kotakpura, Distt. Faridkot.	lead acid battery plates/lead scrap/ashes	288	7
71	M/s Shubham Power Pack Products, VPO Khosa Pando, Distt. Moga.	lead acid battery plates/lead scrap/ashes	180	0.502
72	M/s Gursewak Oil Industry, D-5p, Industrial Focal Point, Abohar, Distt. Fazilka	Used Oil	1500	160
73	M/s. Lalit Chemicals & Fertilizers Industries, Lehragaga, Distt. Sangrur.	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	3000	0
74	M/s Green Globe Chemicals, Village Ganota, Tohana Road, PO Rampur Gujran, Moonak, Tehsil Sunam, Distt. Sangrur	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	2400	0
75	M/s. Indian Phosphate & Carbonates Mfg co, Pawara Road, Moonak, Distt. Sangrur.	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	2000	1839.164

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
76	M/s. Shri Ram Chemicals Industries, Sangrur Road, Dhuri, Distt. Sangrur.	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	5000	532.78
77	M/s. Bhoomi Sudhar Chemicals Industries, Focal Point, Sangrur .	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	7000	2238.092
78	M/s. Gupta Smelters (P) Ltd., C-48 , Industrial Focal Point, Sangrur.	Zinc Dross/Skimming/Ash (Catg. No. 6.2) and Brass Dross	Zinc Dross- 4500 Brass Dross- 2250	1572.564
79	M/s. Shree Ram Agro, Bagrian Road, Dhuri, Distt Sangrur	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	750	119
80	M/s Luxmi Agro Chemicals, Longowal Distt. Sangrur	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	1200	0
81	M/s. Suraj Fine Chemical Mfg. Co., Papran Road, Moonak, Distt. Sangrur.	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	3750	1560.823
82	M/s. Moonak Fertilizer, Dehla Road, Moonak, Distt. Sangrur.	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	2170	1888.534
83	M/s. Ganesh Fertichem India Pvt. Ltd., D/51-52, Industrial Focal Point, Sangrur.	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	6000	1052.712
84	M/s. Ganesh Chemical & Fertilizers VPO Rampura, Bhawanigarh, Distt. Sangrur	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	1200	0
85	M/s. Malwa Fertilizers, Pawara Road, Moonak, Distt. Sangrur.	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	2000	1691.579
86	M/s Ganesh Zinc Industries Pvt. Ltd., Plot no. 3,4,5 Focal Point, Sunam Road, Sangrur	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	8700	1892.096

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
87	M/s. Ganesh Agro B-7 Focal Point, Sangrur.	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	3780	1846.62
88	M/s. Moonak Chemical Industries, Dehla Road, Moonak, Distt. Sangrur.	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	400	283.51
89	M/s. Laurus Industries Pvt. Ltd. (previously Gupta Agri Care) , B-12/13 Focal Point, Sangrur.	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	6000	1485.308
90	M/s. Ganpati Agro Care, Mannwala Road, Village Benra, Tehsil Dhuri, Distt.	Zinc Dross/Skimming/Ash (Catg. No. 6.2)	9000	1004.6
91	M/s. Menon Board Mills, Sangrur Road, Sunam, Distt. Sangrur.	Paper ETP sludge (Catg. No. 32.3)	12000	3369.076
92	M/s. Dirba Paper Production Pvt. Ltd., Dirba, Distt. Sangrur.	Paper ETP sludge (Catg. No. 32.3)	3000	1923.16
93	M/s Shiv Shakti Paper Mills, Bhawanigarh	Paper ETP sludge (Catg. No. 32.3)	3000	981.82
94	M/s. Asha Metal Industries, Bhaini Jassa Road, Handiaya, Distt. Barnala.	Lead Battery Plates	750	0
95	M/s. Luxmi Metal, Saroud Road, Malerkotla, Dsitt.Sangrur.	Lead Battery Plates	2375	0
96	M/s. Nipun Metal Industries, C-23 , industrial Focal Point, Sangrur.	Lead Battery Plates	750	0
97	M/s. Shiv Shakti Enterprises, C-45, industrial Focal Point, Sangrur.	Lead Battery Plates	1800	130.667
98	M/s Shaurya Alloys Pvt. Ltd., Village Akbarpur Channa, Ahmedgarh, Distt. Sangrur	Lead Battery Plates	2400	0

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
99	M/s. Puneet Refinery C-4 Focal Point, Sangrur	Used/Spent oil Catg. No. 5.1)	3600	111
100	M/s Malana Silver Nitrate Recycling Unit, Village Rampur Gujran, Tehsil Moonak, Sangrur	Hyp solution generated from photography/xray films to recover silver metal	60	17.395
101	M/s Aggarwal Manufacturing Company, Plot No.10, Opp. Aarti Steel, Friends Indl Estate, Focal Point,Ludhiana	Used Oil	1200.000	305.970
102	M/s JBR Technology (P) Ltd. Unit-II (H2SO4), Kohara Machhiwara RoadLudhiana	Spent (H2SO4)	60000.000	12000
103	M/s Fertichem Plant Shakti Agro Pvt. Ltd.Village Rayian, Kohara Machhiwara RoadLudhiana	Spent (H2SO4)	2400.000	1440
104	M/s A.G Plstic Industries, Plot No. 1210/4, Phase-4, Focal Point, Ludhiana	Reprocessing of waste plastic Containers	4200.000	0
105	M/s J.S PlasticVill Nichi Mangli, Chandigarh RoadLudhiana	Reprocessing of waste plastic Containers	148.500	117
106	M/s Dashmesh Industries, B-1228/27, Sua Road, DhandariKalan, Industrial Area-C, Ludhiana.	Lead Bearing waste including battery waste	720	Closed
107	M/s Guru Metal Works, Industrial Area-C, DhandariKalan, Ludhiana.	Lead Bearing waste including battery waste	600	47.6
108	M/s Jyoti Industries, DhandariKalan, Industrial Area-C, Ludhiana.	Lead Bearing waste including battery waste	720	55.08
109	M/s Sapra Industries, Industrial Area-C, DhandariKalan, Ludhiana.	Lead Bearing waste including battery waste	200	Closed

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
110	M/s Amar Battery Industries, DhandariKalan, Ludhiana.	Lead Bearing waste including battery waste	240	137.92
111	M/s Jospatro Unit-2, Vill. Jugiana, G.T. Road, Ludhiana.	Recycling of used oil	1860	Closed
112	M/s Lucky Steel Works, Village Jugiana. G.T. Road, Ludhiana	De-contamination of contaminated drums/ containers/ barrels	750	132.2
113	M/s Lucky Steel Works (Unit-II), B-21-796/4, Industrial Area-B Ludhiana	De-contamination of contaminated drums/ containers/ barrels	900	3.4
114	M/s D.D. Agro Industries Ltd., Industrial Area-C, Luhdiana	Zinc Bearing Wastes	7300	1409.05
115	M/s OM Udyog, E-403, Focal Point, Phase-6, Ludhiana	Used Oil (Cat. 5.1)	2000	0 (the industry is lying closed)
		Empty containers (33.1)	0	0 (the industry is lying closed)
116	M/s Satkar Oil Company, D-177, Phase-6, Focal Point, Ludhiana.	Used Oil (Cat. 5.1)	900	108
117	M/s Vass International, Phase-7, Focal Point, Ludhiana.	Lead bearing waste (Cat. 9.1)	1200	109.8
118	M/s Shiva Traders, E_503, Phase-6, Focal Point, Ludhiana	Used Oil (Cat. 5.1)	1800	199.496
119	M/s Aastha Refinery, Tajpur Road, Bhamian Kalan, Ludhiana	Used oil	1566	146.09
120	M/s Madhav Alloys Pvt. Ltd. (Waste Recycling Division), Vill. Bhagwanpura, Tehsil Amloh, Distt. Fatehgarh Sahib	APCD dust from induction furnace	6000	389.14

S.No.	Name and Address of the Facility	Type of Hazardous Waste Authorized for Recyling	Authorized Recyling / Utilization/ Co-processing Capacity (MTA)	Quantity Recycled Utilzied/ Co-Processed (MT)
121	M/s BRS Lubricants, D-57, Focal Point, Mandi Gobindgarh	Used oil	6000	70
122	M/s Mahadev Petrochemicals, Plot No. D-116, Focal Point, Mandi Gobindgarh, Distt. Fatehgarh Sahib	Used oil	4800	0
123	M/s New Power Metals & Alloys, Near Aastha Mill, Ambey Majra, Mandi Gobindgarh	Lead Acid battery	5000	9.278
124	M/s New Power Inds., D-10, Focal Point, Mandi Gobindgarh	Lead Acid battery	300	23.456
125	M/s Bishamber Nath & Sons, G.T. Road, Sirhind Side, Mandi Gobindgarh.	Lead Acid battery	210	54.518
126	M/s The Shivom Gram Udyog Samiti, E-17, 18, Focal Point, Mandi Gobindgarh	Lead Acid battery	1200	41.695
127	M/s Dashmesh Batteries and Metal Industries, D-96, Focal Point, Khanna, Ludhiana	Lead Acid battery	600	69.13

Table 24(h): Punjab-Details of Hazardous waste disposed in Common TSDF(s)

S. No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Ramky Enviro Engineers Ltd., Punjab Waste Management Project, Village Nimbua, P.O. Rampur, Sainian	2511.546	112.902	1066.057	26429.832	1306.018	1109.701	26351.764	1372.057	0	2645.97	46.906	INP	INP	INP	INP

Table 24(i): Punjab-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	HPCL Mittal Energy Ltd., Phulo Khari, Distt. Bathinda	Landfillable	--	20,000	Nil	51.9

INP: Information Not Provided

25.
RAJASTHAN
(Hazardous waste generation and its Management)

Table 25(a): Rajasthan-Details of Hazardous waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Ajmer	29.00	168.16	220826.00	152.60	907339.10	0.12	88.68	96.34	8.20	4597.63	0.00
2	Alwar	298.00	30152.16	3743.02	12223.40	20781.68	5895.08	877.30	2234.87	15131.67	1701.73	0.00
3	Banswara	7.00	670.00	1916.00	5.00	0.00	295.45	92.18	3.91	2316.18	0.00	0.00
4	Baran	4.00	426.27	1.00	212.85	0.00	1.95	0.00	35.65	0.00	0.00	0.00
5	Barmer	62.00	247768.86	0.00	8.49	0.00	23779.65	8.49	0.00	9932.00	0.00	0.00
6	Bharatpur	5.00	120.00	2.30	2405.04	0.00	26.29	0.80	5.47	0.00	0.00	0.00
7	Bhilwara	49.00	3048.00	31558.43	950.87	2966.20	2884.02	2.04	2691.08	1124.14	0.00	1276.75
8	Bikaner	5.00	0.99	0.00	2553.15	0.00	0.66	0.00	90.18	0.00	0.00	7.98
9	Bundi	4.00	328.01	1000.00	64.34	0.00	125.80	0.00	15.88	0.14	0.00	0.00
10	Chittorgarh	21.00	15945.00	390.00	26069.00	3150.00	304132.28	98.00	14621.00	20986.96	154307.04	0.00
11	Churu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Dausa	2.00	0.30	37.00	0.00	0.00	0.14	17.22	0.00	0.00	0.00	0.00
13	Dholpur	20.00	657.51	0.00	4974.30	11.59	102.99	0.00	239.91	7.46	370.49	0.00
14	Dungarpur	2.00	450.00	0.00	46.00	0.00	176.00	0.00	0.52	0.00	0.00	0.00
15	Hanumangarh	13.00	81.20	0.00	7188.25	0.00	1.28	0.00	233.44	0.00	13.86	0.00
16	Jaipur	207.00	1440.13	294.34	9754.69	26893.02	1075.71	41.00	7667.46	17999.42	24586.14	0.00
17	Jaisalmer	2.00	200.80	0.00	0.00	779.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Jalore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Jhalawar	1.00	3052.02	0.00	6.00	0.00	801.17	0.00	0.50	0.00	0.00	0.00

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
20	Jhunjhunu	3.00	0.00	0.00	0.20	0.00	0.00	0.00	0.20	0.00	0.00	0.00
21	Jodhpur	42.00	16152.40	1653.95	64.40	6101.10	13392.59	0.00	0.00	174.33	0.00	0.00
22	Karauli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	Kota	26.00	4396.27	77.10	1827.17	70795.07	741.25	5.00	187.23	4532.26	980.94	0.00
24	Nagaur	3.00	143.83	205535.75	32.44	900079.1	0.80	0.06	0.01	377.00	377.06	0.00
25	Pali	582.00	20623.18	15.00	126.85	499.99	10923.52	0.00	80.80	9436.57	31064.99	0.00
26	Pratapgarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	Rajsamand	6	215421.10	160.00	126508.00	0.30	193479.39	28.14	11764.25	1058.24	6112.40	0.00
28	Sawai Madhopur	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	Sikar	9	168.00	0.00	4.70	200.00	53.34		0.43	200.00	0.00	0.00
30	Sirohi	27	809.30	0.00	19.41	0.00	476.16	0.00	9.81	1013.45	31710.79	0.00
31	Sriganganagar	6	22.02	0.01	2306.50	5.00	4.56	0.00	233.44	0.00	531.61	0.00
32	Tonk	4	22.50	110.25	120.04	0.00	20.14	0.26	165.82	0.00	0.00	0.00
33	Udaipur	72	70012.99	0.00	256.00	85947.14	36365.70	0.00	190.00	41145.42	1484.69	0.00
Total		**1511**	**632280.99**	**467320.15**	**197879.68**	**2025548.2**	**594756.04**	**1259.16**	**40568.20**	**125443.42**	**257839.37**	**1284.73**

Table 25(b): Rajasthan- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	Uttar Pradesh	3.50
2	For disposal at common Incinerator	0	0	0	0
3	For recycling by Schedule IV recyclers	PMP, Rudrapur,Uttarakhand, Bihar, Gujrat, Maharashtra, Hariyana, Punjab, HZL Pantnagar/Uttarakhand, Uttar Pradesh (UP), Delhi, Eastern Africa, Western Africa, Middle East	38568.05	INP	1901.22
4	For utilization in co-processing (cement plants)	Gujarat	214134.45	0	0
5	For utilization under Rule 9 (other than co-processing)	West Bangal, Gujrat, Tamil Nadu, Uttarakhand, Maharashtra, Gujarat	5136.87	0	0

INP: Information Not Provided

Table 25(c): Rajasthan-Details on Hazardous Waste Recycled and Utilized

S. No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Ajmer	96.34	88.42	0.00	8.20	0.00	434.58	0.00	4508.94
2	Alwar	2215.53	14996.08	0.00	78.31	0.00	0.00	0.00	0.00
3	Banswara	0.00	2316.18	0.00	0.00	0.00	0.00	0.00	0.00
4	Baran	43.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Barmer	0.00	9932.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Bharatpur	39.80	0.00	0.00	0.00	288.64	0.00	0.00	0.00
7	Bhilwara	4991.28	0.00	1124.14	50.61	0.00	0.00	0.00	0.00
8	Bikaner	92.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Bundi	13.78	0.00	0.00	0.14	0.00	0.00	0.00	0.00
10	Chittorgarh	15332.05	29816.94	0.00	0.00	2396.49	136245.00	0.00	0.00
11	Churu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Dausa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Dholpur	22.76	0.00	7.46	0.00	31.94	0.00	0.00	0.00
14	Dungarpur	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Hanumangarh	68.56	0.00	0.00	0.00	13.86	0.00	0.00	0.00
16	Jaipur	7811.78	8488.83	0.00	9510.59	27177.13	0.00	0.00	0.00
17	Jaisalmer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Jalore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

S. No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
19	Jhalawar	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Jhunjhunu	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Jodhpur	0.00	107.70	0.00	66.63	0.00	0.00	0.00	0.00
22	Karauli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	Kota	71.55	0.00	0.00	4532.26	1043.08	0.00	344.65	0.00
24	Nagaur	0.01	377.00	0.00	0.00	0.00	0.00	0.00	0.00
25	Pali	80.80	10450.02	0.00	0.00	0.00	31064.99	0.00	0.00
26	Pratapgarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	Rajsamand	10677.76	0.00	1070.94	0.00	6102.60	0.00	0.00	0.00
28	Sawai Madhopur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	Sikar	4.70	0.00	200.00	0.00	0.00	0.00	0.00	0.00
30	Sirohi	9.81	1719.18	0.00	0.00	0.00	31710.79	0.00	0.00
31	Sriganganagar	231.27	0.00	0.00	0.00	534.12	0.00	0.00	0.00
32	Tonk	165.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	Udaipur	182.00	0.00	0.00	39375.21	1314.79	0.00	0.00	187.40
Total		**42152.74**	**78292.34**	**2402.54**	**53621.94**	**38902.66**	**199455.36**	**344.65**	**4696.34**

Table 25(d): Rajasthan-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Ajmer	0.12	0.00	88.68	0.00	0.00	0.00	0.00	0.00
2	Alwar	3426.91	2219.00	742.41	54.03	0.00	0.00	0.00	0.00
3	Banswara	295.45	0.00	43.70	0.00	0.00	0.00	0.00	0.00
4	Baran	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Barmer	17490.65	6289.00	0.00	8.49	0.00	0.00	0.00	0.00
6	Bharatpur	26.29	0.00	0.80	0.00	0.00	0.00	0.00	0.00
7	Bhilwara	2722.46	0.00	18.78	0.00	0.00	0.00	0.00	0.00
8	Bikaner	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Budi	85.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Chittorgarh	465.26	303655.28	97.07	0.00	0.00	0.00	0.00	0.00
11	Churu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Dausa	0.14	0.00	17.22	0.00	0.00	0.00	0.00	0.00
13	Dholpur	102.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Dungarpur	170.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Hanumangarh	2.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Jaipur	1034.37	0.00	58.22	0.00	0.00	0.00	0.00	0.00
17	Jaislmer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Jalore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Jhalawar	801.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Jhunjhunu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Jodhpur	13392.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	Karauli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

23	Kota	602.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	Nagaur	0.80	0.00	0.06	0.00	0.00	0.00	0.00	0.00
25	Pali	373.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	Pratapgarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	Rajsamnd	0.00	193469.50	0.00	0.00	0.00	0.00	0.00	0.00
28	Sawaimadhopur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	Sikar	53.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	Sirohi	476.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Sriganganagar	4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	Tonk	20.14	0.00	0.26	0.00	0.00	0.00	0.00	0.00
33	Udaipur	2430.01	26936.78	0.00	0.00	0.00	0.00	0.00	0.00
Total		**43980.61**	**532569.56**	**1067.20**	**62.52**	**0.00**	**0.00**	**0.00**	**0.00**

Table 25(e): Rajasthan-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Ajmer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Alwar	253.02	21.93	61.29	625.08	502.19	102.79	80.63	682.36
3	Banswara	100.11	0.00	1559.81	0.00	100.11	48.48	1563.72	0.00
4	Baran	1.79	0.00	11.09	0.00	1.51	0.00	3.24	0.00
5	Barmer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Bharatpur	0.00	0.00	80.40	0.00	0.00	0.00	127.92	0.00
7	Bhilwara	164.42	863.20	2300.20	190.07	325.99	842.96	221.63	139.45
8	Bikaner	0.84	0.00	11.24	0.00	0.00	0.00	1.00	0.00
9	Bundi	10.55	0.00	0.00	0.00	50.96	0.00	2.10	0.00
10	Chittorgarh	251.37	20.00	51.76	733.00	263.11	20.93	326.92	6582.34
11	Churu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Dausa	14.12	0.00	0.00	0.00	14.12	0.00	0.00	0.00
13	Dholpur	0.00	0.00	52.05	0.00	0.00	0.00	237.26	0.00
14	Dungarpur	23.24	0.00	0.00	0.00	28.57	0.00	0.00	0.00
15	Hanumangarh	1.50	0.00	0.00	0.00	0.46	0.00	164.88	0.00
16	Jaipur	27.36	17.22	2836.35	101.05	68.70	0.00	0.00	101.05
17	Jaislmer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Jalore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Jhalawar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Jhunjhunu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Jodhpur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	Karauli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	Kota	6.37	0.00	2.49	0.00	145.62	5.00	118.17	0.00
24	Nagaur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
25	Pali	21.44	0.00	0.00	1013.45	10571.38	0.00	0.00	0.00
26	Pratapgarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	Rajsamnd	0.00	0.00	185.76	18.00	9.89	28.14	311.31	5.30
28	Sawaimadhopur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	Sikar	0.00	0.00	4.27	0.00	0.00	0.00	0.00	0.00
30	Sirohi	0.00	0.00	0.00	705.73	0.00	0.00	0.00	0.00
31	Sriganganagar	0.00	0.00	0.34	0.00	0.49	0.00	0.00	0.00
32	Tonk	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	Udaipur	2727.00	0.00	12.00	959.79	9725.91	0.00	189.90	2737.21
Total		**3603.13**	**922.35**	**7169.05**	**4346.17**	**21809.01**	**1048.30**	**3348.69**	**10247.71**

Table 25(f): Rajasthan-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/Utilized/ Co-processed (MT)
A	**Commonly Recyclable HW**			
1	Brass Dross	1	1070.00	0.00
2	Zinc Bearing Wasters	11	66230.00	12322.63
3	Copper Bearing Waste	4	4190.00	1324.13
4	Spent catalyst containing nickel, cadmium, Zinc, Copper, arsenic, Vanadium and cobalt	1	2400.00	328.44
5	Lead bearing waste including battery wastes	71	307234.85	56543.71
6	E-Waste	13	91391.00	1750.70
7	Paint and Ink Sludge/ Residues	1	18000	0
8	Used Oil	21	69678	7855.126
9	Waste Oil	4	68400	930.66
	Total	**127**	**628593.85**	**81055.4**
B	**Utilization of HW Under rule 9**			
1	Recovery of solvents from spent solvents	2	1806.00	427.80
2	Utilization of spent catalyst – of recover –platinum ,iridium, Osmium, palladium, Rhodium, Ruthium .Rhenium, Gold& Silver	2	520	194.61
3	Utilization of Oil based iron sludge of Ball & Roller bearing for producing Ferrus Sulphate	1	2640	1058.24
4	Utilization of Mercury Waste generated from various industry for recovering Mercury	1	120	50.78
5	Utilization of Hydro fluro sillcic acid - acidic scrubber solution generated during Single Super Phosphate manufacturing industry recovered sodium silico fluoride (Sodium fluorosilicate) for use in Glass Industry	2	3150	498.27
	Total	**9**	**8236.00**	**2229.70**
C	**Co-processing in cement plant**	**12**	**2577119.00**	**277747.70**

Table 25(g): Rajasthan-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
1	M/s Ojhas MetalH-1-344 MIA,	Battery recycle	1300.00	2.20
2	M/s Rohan IndustriesG1-556,MIA,	Battery recycle	8000.00	449.00
3	M/s Surendra Metal IndustriesH-1-135, MIA,	Battery recycle	1500.00	0.00
4	M/s Balaji Metal IndusriesH-1-756, mia,	Battery recycle	450.00	0.00
5	M/s Gulab Singh and SonG-231-A, MIA	Battery recycle	200.00	0.00
6	M/s Sri Om Sai MetalH-1-754,MIA,	Battery recycle	1500.00	0.00
7	M/s Sunil IndustriesF-1-551 (South extension), MIA	Battery recycle	2560.00	14.66
8	M/s Rishab MetalH-630(B), MIA,	Battery recycle	1400.00	22.28
9	M/s Aditi IndustriesH-1, 960, MIA,	Battery recycle	1800.00	0.00
10	M/s Kushbu Metal WorksH-1-767, MIA,	Battery recycle	1350.00	12.40
11	M/s Rama MetalH-1-755, MIA	Battery recycle	1350.00	0.00
12	M/s Aggarwal EnteprisesF-24A, MIA	Battery recycle	1000.00	0.00
13	M/s Pragati UdhyogH-1, 630 (A), M.I.A.	Battery recycle	5000.00	0.00
14	M/s Ramesh Kumar YadavH-1-738, MIA	Battery recycle	1350.00	37.80
15	M/s Shivam Metal H-1-956, MIA,	Battery recycle	1200.00	2.50
16	M/s Vasoo MetalG-287, MIA	Battery recycle	4000.00	180.59
17	M/s Ritu Metal Industries, G1-557, MIA, Alwar	Battery recycle	1350.00	15.80

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
18	M/s Shri Sidhhi Vinayak Metal Industries, H1-739-748, MIA, Alwar	Battery recycle	1650.00	12.50
19	M/s Greenscape Eco management, G1-584-585, MIA	E-waste	600.00	121.68
20	M/s Greenscape Eco Management, G-588-591, MIA	E-waste	60000.00	1188.19
21	M/s Vasoo Metal Unit -iii	E-waste	525.00	212.00
22	M/s sri krishna addedtives.	E-waste	1560.00	1.23
23	M/s Shri balaji Lubricant	used Oil	2700.00	26.00
24	M/s Shri Shyam Lubricant	used Oil	6750.00	0.00
25	M/s Prime Metal	Copper and Zinc Bearing waste recycling	950.00	35.60
26	M/s Zinc-o- India, Village Kesarpura, Alwar	Zinc bearing residue	950.00	0.00
27	M/s Zinc-o- Rajasthan, Village Kesarpura, Alwar	Zinc bearing residue	1200.00	0.00
28	M/s Malpani Petro Chem Pvt. Ltd.,c-60 A, Road No. 1 C, Vishwakarma Industrial Area , Tehsil:Jaipur District:JAIPUR	Used oil	1200.00	348.39
29	M/s Mahashwari Petro Chemicals,G-681, Road No. 9 F 2,Vishwakarma Industrial Area , Tehsil:Jaipur District:JAIPUR	Used oil	3600.00	216.00
30	M/s Mahabir Chemicals Industries,G-680, Road No. 9 F 2,Vishwakarma Industrial Area , Tehsil:Jaipur District:JAIPUR	Used oil	3600.00	475.84
31	M/s Om Industries,C-60 A, Road No. 1 C, Vishwakarma Industrial Area , Tehsil:Jaipur District:JAIPUR	Used oil	3600.00	255.00

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
32	M/s Shri Tirupati Industries,G-491,Road No.9A,Vishwakarma Industrial Area , Tehsil:Jaipur District:Jaipur	Used oil	3600.00	240.00
33	M/s Indomax Chemical Industries,F783(E),Road No.13,V.K.I Area Jaipur , jaipur Tehsil:Jaipur District:Jaipur	Used oil	1200.00	464.00
34	M/s Bharat Industrial Oil Company,S-758 (I), Road no. 9-F-1, VKIA , Tehsil:JAIPUR District:JAIPUR	Used oil	3600.00	461.17
35	M/s ETCO E-waste Recycler Private Ltd, SB-23, Shilp Bari, Road, No. 14, VKI Area, , Jaipur Tehsil:Jaipur(VKIA) District:Jaipur	E-waste recycler	525.00	0.00
36	M/s Ultra Tech Cement Ltd (Unit Kotputli Cement Works),Village - Mohanpura, Kotputli, JAIPUR	Cement co-process	30000.00	0.00
37	M/s S.S.Metals,G 1-141, RIICO Industrial Area, Jhotwara Extn. Sarna Dungar, Jaipur(VKIA)	Lead Acid Battery recycler	4500.00	95.41
38	M/s Shakti Metals,E-147 RIICO Industrial Area Sarna Doonger , Jaipur Tehsil:Jaipur District:Jaipur	Lead Acid Battery recycler	420.00	4.80
39	M/s Premier Metals (Old Name-Dinesh Engineering Corp.),G-1/85, RIICO Industrial Area, Sarna Doongar Phase I , Jhotwara Tehsil:Jaipur District:Jaipur	Lead Acid Battery recycler	4500.00	199.28
40	M/s Premier Metals,E-113, RIA, Sarna Doongar, Jaipur	Lead Acid Battery recycler	4500.00	227.74

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
41	M/s Radhey Industries, KHASRA NO.274/279,DISA ROAD, NEAR RIICO KALADERA , KALADERA Tehsil:Amber District:Jaipur	Lead Acid Battery recycler	1500.00	0.00
42	M/s Murliwala Pigment,G-1-209, RIICO INDUSTRIAL AREA, KALADERA, CHOMU , Jaipur Tehsil:Chomu District:Jaipur	Lead Acid Battery recycler	5000.00	130.00
43	M/s Shri Balaji Batteries Pvt. Ltd., G-374(B) Jhatwara Extn. Phase-IInd Jhotwara JaipurJaipur(VKIA)JAIPUR	Lead Acid Battery recycler	1526.00	60.00
44	M/s R.K.Enterprises, PLOT NO.H-220(A),RIICO INDUSTRIAL AREA,JHOTWARA (EXT.), SARNA DOONGAR , JAIPUR Tehsil:Jaipur District:Jaipur	Lead Acid Battery recycler	1875.00	749.87
45	M/s Shri Balaji Industries, G-374,Jhotwara Ext. , Sarna Doongar Tehsil:Jaipur District:Jaipur	Lead Acid Battery recycler	3000.00	192.85
46	M/s Arham Industries, G-I/43-44, RIICO Industrial Area, P.o Deeg, Bharatpur	Spent Catalyst	2400.00	328.44
47	M/s Hindustan Petrolium Corporation Ltd, Vill. Dhormui (Jaghina), Bharatpur	Oily Sludge	0.80	0.80
48	M/s Bharat Petrolium Corporation Ltd., Vill. Dhormui (Jaghina), Bharatpur	Oily Sludge	1.50	0.00
49	M/s Indian Oil Corporation Ltd., Vill. Dhormui (Jaghina), Bharatpur	Oily Sludge	5.04	0.00
50	M/s Kaysons Pigment Pvt.Ltd, G-24, RIICO Industrial Area, Odela Road, Dholpur	Lead Bearing	102.30	71.22

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
51	M/s R.P Industries, B-81/A, RIICO Industrial Area, Odela Road, Near Bhole Baba Dairy, Dholpur	Lead Bearing	120.70	18.46
52	M/s R.P Industries, B-81/A, RIICO Industrial Area, Odela Road, Near Bhole Baba Dairy, Dholpur	E-Waste	705.00	0.00
53	M/s Jai Kaila Maa Industries, G-79, RIICO Industrial Area, Odela Road, Dholpur	Lead Bearing	5.10	0.00
54	M/s Hindustan Industries, G-434, Ext. Growth centre RIICO Indiustrial Area, Dholpur	Lead Bearing	45.30	5.29
55	M/s S.B.J & Co., F-137, Growth centre RIICO Indiustrial Area, Dholpur	E-Waste	876.00	7.10
56	M/s Dixit Battery Centre, G-1/20, RIICO Industrial Area, Odela Road, Dholpur	Lead Bearing	0.00	0.00
57	M/s Shivani Paper & Board Industries, G-1/19, Growth centre RIICO Indiustrial Area, Dholpur	Asbestors Containing residues	11.59	7.46
58	M/s K.G Metalloys , F-37, 38, RIICO Industrial Area, Odela Road, Dholpur	Lead Bearing	643.00	80.25
59	M/s K.G Metalloys , F-37, 38, RIICO Industrial Area, Odela Road, Dholpur	E-Waste	1800.00	0.00
60	M/s S.N Metal Products, F-39, 40, RIICO Industrial Area, Odela Road, Dholpur	Zinc bearing Waste	600.00	31.94
61	M/s B.B Petro Chemicals, F-5B, RIICO Industrial Area, Odela Road, Dholpur	Used Oil	0.00	0.00

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
62	M/s Mona Batteries & Chemicals, G-1/16, RIICO Industrial Area, Odela Road, Dholpur	Lead Bearing	0.00	0.00
63	M/s Shri Shyam Industries, G-13, RIICO Industrial Area, Odela Road, Dholpur	Lead Bearing	0.00	0.00
64	M/s Vardhaman Metals, H-65, RIICO Industrial Area, Odela Road	Lead Bearing	12.20	0.00
65	M/s Rajasthan Pigments & Chemicals, Magodown road, Bharatpur	Lead Bearing	0.00	0.00
66	M/s Tirupati Lead & Oxide Pvt. Ltd., G-368, Growth Center Industrial Area Extension, Dholpur	Lead Bearing	60.20	57.60
67	M/s WECYCLE. INC, E-72, Growth Center Industrial Area, Dholpur	Spent Anode Butt	350.00	0.00
68	M/s Hindustan Zinc Limited, Dariba Smelter Complex Dariba Railmagra Rajsamand	Zinc ash/skimming/other zinc bearing wastes arising from smelting and refining	30000.00	5573.30
69	M/s Hindustan Zinc Limited, Dariba Smelter Complex Dariba Railmagra Rajsamand	Lead acid battery plates and other lead scrap/ashes/ residues not covered under Batteries (Management and Handling) Rules,2001	80000.00	6102.60
70	M/s Sarswati Metals, Khasra No 5906/432, Tehsil: Shahpura District: Bhilwara	Lead acid battery plates/ Lead scrap	3000.00	100.00
71	M/s Ganpati Metalloys Pvt Ltd., E-34 (A), Industrial Area, Growth Centre, , Hamirgarh Tehsil:Bhilwara District:Bhilwara	Lead acid battery/lead secrap	4150.00	62.00

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
72	M/s Shikhar Ferro Pvt. Ltd. Khasra No.-868/2 , VillageKotriDaribaMejaDemRoad Tehsil:Bhilwara District:Bhilwara	Utilization of Oil based iron sludge of Ball & Roller bearings for producing Ferrous Sulphate	2640.00	1058.24
73	M/s Shukla E-waste Processors, H-309(B), RIA, Bhiwadi	E-Waste (S4, 17)	480.00	29.52
74	M/s Dhruv Techengineers Pvt Ltd, G-1209, Rampur Mundana, RIA	E-Waste (S4, 17)	9940.00	132.22
75	M/s Eco Management and Protection Services, F-33, RIA, Kahrani	Paint Sludge (S4)	18000.00	0.00
76	M/s Interact Auto Pvt. Ltd., F-1017, RIA, Khuskhera	Zinc Ash/Zinc Dust/Zinc Skimming (S4)	1800.00	934.62
77	M/s Hitesh Enterprises, H-1-794, RIA, Chopanki	Zinc Ash/Zinc Dust/Zinc Skimming (S4)	1440.00	0.00
78	M/s New Lubrisales India Pvt. Ltd, F-192, RIA, Khuskhera	Used or Spent Oil (S4)	18000.00	693.70
79	M/s Shiv Shakti Oil & Lubricants, F-557, RIA, Chopanki, Bhiwadi	Used or Spent Oil (S4,)	3600.00	297.50
80	M/s Pilot Industries Ltd, A-44, RIA, Kahrani	Lead bearing waste including battery waste (S4, 18)	12000.00	2841.00
81	M/s Sumecto Alloys Pvt. Ltd., G-740, Phase-II, RIA, Bhiwadi	Lead bearing waste including battery waste (S4, 18)	5000.00	338.79
82	M/s Exclusive Lead Alloys Pvt. Ltd., G-1-690, Phase-II, RIA, Bhiwadi	Lead bearing waste including battery waste (S4, 18)	5000.00	2316.30
83	M/s Lotus Alloys, G-1-669, RIA, Chopanki	Lead bearing waste including battery waste (S4, 18)	3000.00	130.80

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
84	M/s Rohan Metal Pvt. Ltd., G-733, Phase-II, RIA, Bhiwadi	Lead bearing waste including battery waste (S4, 18)	27000.00	1304.98
85	M/s Arya Alloys Pvt. Ltd., B-824, RIA, Bhiwadi	Lead bearing waste including battery waste (S4, 18)	29400.00	3285.00
86	M/s Ashish Pigmnents and Alloys Pvt. Ltd, G-1-691, RIA, Bhiwadi	Lead bearing waste including battery waste (S4, 18)	4500.00	1500.00
87	M/s Exclusive Food Product Pvt. Ltd., G-1-678, RIA, Bhiwadi	Lead bearing waste including battery waste (S4, 18)	3000.00	0.00
88	M/s Mansha Plastics Pvt Ltd., G-1- 483-484, RIA Chopanki,	Insulated copper wire scrap/ copper with PVC shathing including ISRI- code materialnamely DRUID/ Jelly fluid copper cables	1200.00	54.75
89	M/s New lubrisales india Pvt. Ltd.	Used Oil	80.00	32.00
90	M/s.Anna Petrochem Private Limited,E-49/50,RIICO Growth Centre,Phase-II,Maval Abu-Road,Sirohi,Rajasthan. (Waste-oil recycling)	Waste oil	30000.00	758.19
91	M/s.Nirma Limited,Vill:Nimbol, Tehsil:Jaitaran, Distt:Pali.(CO-Processing-Cement Plant)	Unit has not co-processed any haz-waste in 2017-2018.	0.00	0.00
92	M/s. Ambuja Cements Limited,Rabriyawas,Tehsil:Jaitaran,Distt:Pali(CO-Processing-Cement Plant)	Chemical sludge (35.3),Process waste residue , sludge (21.1) ,oil containing waste (5.2),MSW Waste ,Plastic Waste,Tyre Chips	276000.00	35985.28
93	M/s.J.K.Lakshmi Cement Ltd,Jaykaypuram,Tehsil:Pindwara,District:Sirohi.(CO-	TDI Tar & Waste mix solid,Chemical Gypsum	60000.00	31710.79

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
	Processing-Cement Plant)			
94	M/s.Binanai Cement Limited,Binanigram,District:Sirohi(CO-Processing-Cement Plant)	Unit has not co-processed any haz-waste in 2017-2018.	0.00	0.00
95	M/s. Shree cement Limited,Vill:Ras,Tehsil:Jaitaran,District:Pali,Rajasthan.(CO-Processing-Cement Plant)	Chemical sludge (35.3),Process waste residue , sludge (21.1) & oil containing waste (5.2),Phosphate sludge(12.5),Incineration ash (36.2),Spent acid(26.3),Drill cutting oil (2.1),Organic effluent (sch-III)etc.	998279.00	39354.55
96	M/s lucid colloids	spent solvent	6.00	0.00
97	M/s Bharat oil	Organic residue from process	73.00	53.85
		Spent clay containing oil	73.00	53.85
		Used oil	4200.00	0.00
98	M/s Shankar udhyog	Lead acid batteries scrap & lead scrape	1500.00	0.00
		Lead ash	0.50	0.00
		Lead ash	132.00	66.63
99	M/s Aditya Cement limited	ETP Sludge of CTPP	50000.00	0.00
		ETP Sludge of other industries	0.00	28857.00
		Contaminated Plastic waste	45000.00	10167.00

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
		Solvent Recovery/ Recovered solvent (Toluene Residue)	15000.00	69.00
		Toxic Effluent Containing Pesticide (Aquaous waste)	40000.00	612.00
		Precess Residue & Waste	20000.00	1602.00
		Spent Solvent	25000.00	127.00
		Phosphate Sludge	15000.00	437.00
		Process Waste Sludge/Residue Containing acid or Other Toxic merals or Organic Compound	150000.00	5201.00
		Wastes or residues Containing Oil /Oily rags	20000.00	1728.00
		Paint sludge	25000.00	1211.00
		Process waste residue	20000.00	89.00
100	M/s J. K. Cement Works, Nimabhera, Chittorgarh (Raj)	Chemical Gypsum	120000.00	13338.00
		Waste Mix liquid	42000.00	7639.66
		Waste liquid blend and waste solid blend (Iron sludge)	120000.00	2047.00
101	M/s J. K. Cement Works, Mangrol, Chittorgarh (Raj)	Plastic waste/ Carbon black	1200.00	339.54
		Waste Mix liquid	60000.00	18287.04
		Waste mix Solid	101000.00	27941.41

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
		Waste mix Solid & Liquid	8400.00	589.93
		ETP sludge of textile unit	1200.00	412.73
		Lead Zinc Slag	30000.00	8564.00
		Agro waste, Bio mass & Tyre chips	36500.00	9623.67
			54750.00	
		Chemical Gypsum	120000.00	429.50
		Waste liquid blend and waste solid blend (Iron sludge)	120000.00	494.54
		Plastic & Resin waste	3600.00	91.40
102	M/s Birla Corporation Limited, Chanderia, Chittorgrah (Raj.)	a) Waste Mix Liquid	10000.00	318.66
		b) Waste Mix Solid	20000.00	12063.00
		c) TDI Tar Waste	6000.00	548.13
		d) Process wastes, residues and sludge (Plastic waste)	15000.00	66.00
		e) ETP Sludge (Textile industry)	5000.00	1737.00
		f) Sludge from Common Effluent Treatment Plant, Bhiwadi	5000.00	0.00
		g) Tyre Chips	2000.00	0.00

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
		h) FMCG (Maggie, Shampoo, Rejected / expired eatable)	3000.00	0.00
103	M/s LAFARGE INDIA PVT. LTD (Nuvoco Vistas Corp. Ltd.)	Waste Mix Liquid & Solid	80.00	308.81
		Waste Mix Solid	24000.00	4700.00
		TDI Tar	6200.00	2655.00
		Chemical Sludge From WTP	10000.00	11.04
		Drill Cut waste	9000.00	0.09
		Chemical Gypsum	144000.00	5157.25
104	M/s WONDER CEMENT LTD.	Waste Liquid blend (Iron sludge)	207000.00	9341.31
		Waste Gypsum	30000.00	1092.18
		Carbon black	48000.00	1297.19
		Biomass (Mustered Husk)	48000.00	991.86
105	M/s Om Industries, N.H. 15, Nal Badi, Bikaner	Lead bearing waste including battery waste	2501.50	83.92
106	M/s Shri Ganesh Udyog, F-160, Udyog Vihar, Sriganganagar	Lead bearing waste including battery waste	1088.80	58.75
107	M/s Pawan Foundary Work, F-243, Phase II, Udyog Vihar, Sriganganagar	Lead bearing waste including battery waste	555.10	9.69
108	M/s Gagan Udyog, G-1-120, Udyog Vihar, Sriganganagar	Lead bearing waste including battery waste	94.40	19.05
109	M/s Magnum Metals, G-1/144, RIICO Udyog Vihar, Sriganganagar	Lead bearing waste including battery waste	1288.60	239.36

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
110	M/s Ganpati Udyog, G-1/119A, phase I, Udyog vihar Sriganganagar	Lead bearing waste including battery waste	1030.25	311.42
111	M/s Shri H.L. Industries, G-1/13, Phase I, Udyog Vihar, Sriganganagar	Lead bearing waste including battery waste	555.25	15.99
112	M/s Shivam Enterprises, G-53, Phase I, Udyog Vihar, Sriganganaar	Lead bearing waste including battery waste	1030.25	44.99
113	M/s Kataria Metal Industries, G-1/142 B, Phase I, Udyog Vihar, Sriganganagar	Lead bearing waste including battery waste	999.10	60.90
114	M/s Khurana Traders, H-1-361 (C), Udyog Vihar, Sriganganagar	Lead bearing waste including battery waste	537.70	12.01
115	M/s Dinesh Battery Industries, A-28, Phase I, Industrial Area, Hanumangarh Jn.	Lead bearing waste including battery waste	815.00	43.36
116	M/s Soka Industries, Chak 18 NWD, Mega Highway, Rawatsar, Tehsil-Rawatsar, Dist-Hanumangarh	Lead bearing waste including battery waste	1513.50	40.34
117	M/s. Swastik Zinc Pvt. Ltd., F-268, Mewar Industrial Area, Road No. 12, Madri, Udaipur – 313 001 (Rajasthan)	Zinc ash and Skimmings, other Zinc bearing wastes arising from smelting & refining- 2. Copper oxide mill scale, Copper rivets, Cake & residue waste copper alloys and slag's	3500.00	1153.00

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
118	M/s. West India Chemicals, F-24 -25, Mewar Indl. Area, Road No. 4, Madri, Udaipur – 313 003 (Rajasthan)	1. Zinc Ash, Zinc Skimmings &Brass Dross - Copper dross, Brass dross,	1070.00	0.00
119	M/s Precicious Metals Recycler, G-1, 199, Gudli Industrial Area Udaipur	Lead Acid Battery Plates and Lead Scrap, Secondary production of Metals	20000.00	914.70
120	M/s Jainam Industries (P) Ltd. Plot No. 90,91,107 & 108 RIICO Industrial Area Sanwar, Tah. Mavli, Distt. Udaipur, Rajasthan	Waste Oil	12000.00	172.47
121	M/s Raj Industries, G1-201, RIICO Industrial Area Gudli, Udaipur (Raj.)	Copper cake & residue	240.00	116.38
122	M/s Chamunda Petrochemicals Pvt. Ltd.	used oil- Waste oil-	40000.00	0.00
123	M/s Ravindra Heraeus Pvt. Ltd.A-196 (A), F-Road, MIA, Madri, Udaipur.	Spent Catalyst	260.00	19.10
124	M/s Choksi Heraeous Ltd, A 195 -196 F Road Madri Industrial Area Madri, Udaipur, Rajasthan 313003	Spent Catalyst	260.00	175.51
125	M/s Udaipur Cement Works Ltd (J.K. Udaip;ur Udyog Ltd.,	Zerosite	500.00	0.00
126	M/s ACC Ltd.	Co-Processing in Cement Plants	92600.00	0.00

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
127	M/s Mangalam Cement Ltd. I	Co-Processing in Cement Plants	133100.00	0.00
128	M/s Mangalam Cement Ltd. II	Co-Processing in Cement Plants	21900.00	0.00
129	M/s Mangalam Cement Ltd. III	Co-Processing in Cement Plants	99000.00	0.00
130	M/s Raj Industries	Lead slag/ Lead bearing residues or Lead Ash/ Particulate from flue gas	600.00	44.96
131	M/s Universal Chemicals	Recovery of solvents from spent solvents	1800.00	427.85
132	M/s Barkha Enterprises	Utilization of Mercury waste generated from various industries for recovering mercury.	120.00	50.78
133	M/s Krishna Enterprises	Zinc Fines/Dust/Ash/Skimmings (Dispersible form) or Other residues from processing of Zinc Ash/Skimmings	2000.00	705.21
134	M/s SS Polychemicals Pvt Ltd	Zinc Fines/Dust/Ash/Skimmings (Dispersible form) or Other residues from processing of Zinc Ash/Skimmings	900.00	320.50
135	M/s Tanwar Rajput & Company	Zinc Fines/Dust/Ash/Skimmings (Dispersible form) or Other residues from processing of Zinc Ash/Skimmings	640.00	30.40

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
136	M/s Trimtalead Industries	Zinc Fines/Dust/Ash/Skimmings (Dispersible form) or Other residues from processing of Zinc Ash/Skimmings	1500.00	43.96
137	M/s Anil Petro Lube Pvt. Ltd., Dhani Purohitan, Khoda Ganesh Road, Kishangarh	Organic residue from process	41.00	0.00
		Spent clay containing oil	82.00	0.00
138	M/s Shree Swastik Pigments, Parbatpura, Ajmer	Chemical Sludge from waste water treatment	0.50	0.00
		Lead slag/lead bearing residues	4.00	0.00
		Lead Ash/ Particulate from flue gas	1.00	0.00
139	M/s Shree Mahaveer Industries, F-13, RIICO Ind. Area, Parbatpura, Ajmer	Chemical Sludge from waste water treatment	1.00	0.00
		Lead Slag/Lead Bearing residue	6.00	0.00
		Lead Ash/Particulate from flue gas	1.20	0.00
140	M/s Shree Swastik Pigments, Parbatpura, Ajmer	Lead slag/lead bearing residues	8.00	0.00
		Lead Ash/ Particulate from flue gas	120.00	0.00
141	M/s Shree Balaji Metal Works, Village-Sendariya, Parbatpura, Ajmer	Chemical Sludge from waste water treatment	0.50	0.00
		Lead Slag/Lead Bearing residue	4.00	0.00

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
		Lead Ash/Particulate from flue gas	60.75	0.00
142	M/s Shree Cement Ltd, Andheri Deori, Beawar	Used Oil	0.25	0.01
		Chemical Sludge from waste water treatment	18000.00	0.00
		Organic residue from process	3600.00	50.71
		Spent clay containing oil	6540.00	51.56
		Sludge from Common Effluent Treatment Plant, Bhiwadi	6000.00	0.00
		Spent acid (sulphuric acid) sch-I (26.3) and sch-II B-15 -	900000.00	4508.94
143	M/s Friendssolvex, G-1-262, RIICO Industrial Area, Silora-I, Kishangarh	Used or spent oil	3.60	0.00
144	M/s Bharat Petro Industries, Khasra No. 2, Plot No. 3A, Khodamata Ind Area, Udaipur kalan, Kishangarh	Used oil	3.00	0.00
		Waste Oil	1.40	0.00
145	M/s Sahu Lubricants, G-71, RIICO Ind. Area, Bagru Extn., Jaipur	Used Oil	3600.00	36.00
146	M/s Modi Chemicals G-70, RIICO Ind. Area, Bagru, Jaipur	Used Oil	2100.00	0.00

S. No.	Name and Address of the facility	Type of Hazardous Waste authorised for Co-processing	Authorized Co-Processing Capacity (MTA)	Quantity Co-processed (MT)
147	M/s Poddar Hydrocarbons,, G-1-125, RIICO Ind. Area, Bagru, Jaipur	Used Oil	3000.00	210.02
148	M/s Sales Care Services, 28, Exol Industrial Park, Sawarda, Dudu Mozamabad, Jaipur	Used Oil	3000.00	0.00
149	M/s Khandelwal Lubs Pvt. Ltd., F-12, RIICO In. Area, Didwana, Dausa	Used Oil	600.00	279.00
150	M/s Gravita (India) Ltd., Saurabh Farm, Harsuliya Mod, Phagi, Jaipur	Lead battery scrap/ plates & other lead scraps	27600.00	27336.32
Total			**5085480.88**	**359606.82**

Table 25(h): Rajasthan-Details of Hazardous waste disposed in Common TSDF(s)

S. N	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Rajasthan Waste Ma0gement Project , Survey No. 1018/13 Village Gudli, Tehsil Mavli, Udaipur Rajasthan	DLF: 14.512 LAT: 134.806 Total : 149.318	0	3197.8	11448.64	0.00	3182.21	11437.4	0.00	0.00	DLF: 30.170 LAT: 145.983 Total:	0.00	176.15	0.00	0.00	18000

S. N	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
											176.153					
2	M/s BWMP Balotra Waste Mangement Project,Village-Kher,Tehsil-Pachpadra,City-Balotra,District-Barmer(Raj.), Pin-344022	0.00	0.00	4270.7	25062.97	0.00	4270.74	25062.9	0.00	0.00	0.00	0.00	147299.61	0.00	0.00	0.00
3	M/s Continental Petroleum Ltd, Behror, Alwar	0.00	22.18	0.00	0.00	1068.2	0.00	0.00	1067.2	0.00	0.00	23.18	0.00	2500.00	0.75	0.00

Table 25(i): Rajasthan-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill (MT/A)		
1	M/s HZL, Deabri Smelter, Udaipur	Geosynthetic lined covered with HDPE geo membrane geo textile	0.00	2200000.00	27018.31	136023.00
2	M/s HZL-CLZS - SLF	Landfillable	0.00	0.00	10033.82	163510.00
3	M/s HZL-CLZS - Jarosite as a Jarofix after lime & Cement addition	Landfillable	0.00	0.00	293621.28	3164481.00
4	M/s Hindustan Zinc Limited, Dariba Smelter Complex Dariba Railmagra Rajsamand	Jarofix Yard	0.00	180000.00	176046.80	1282197.60
		Secured Landfill	0.00	33035.00	17422.70	114612.76
5	M/s Cairn India Limited (Vedanta Limited (Cairn Oil & Gas), Mangla Processing Terminal (MPT), near Nagana village, Barmer.	Secured Landfill	0.00	185000.00	6289.00	143722.00
		Capative Incinerator	0.02	0.00	8.48	293.00
6	M/s Shiv Shakti oils and lubricants	Capative Incinerator	2.00	0.00	8.77	26.03
7	M/s Insecticides India Ltd.	Capative Incinerator	25.00	0.00	45.26	242.94
8	M/s Lords Chloro Alkali Ltd., SP-460, MIA, Alwar	Landfillable	0.00	0.00	2219.46	65332.64

26.
SIKKIM
(Hazardous waste generation and its Management)

Table 26(a): Sikkim-Details of Hazardous waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	South	23	0	600	0	0	0	179.933	0	0	0	0
2	East	33	0		0	0	0	870.901	0	0	0	0
Total		**56**	**0**	**600**	**0**	**0**	**0**	**1050.834**	**0**	**0**	**0**	**0**

Table 26(b): Sikkim- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	0	0
2	For disposal at common Incinerator	0	0	West Bengal	1050.834
3	For recycling by Schedule IV recyclers	0	0	0	0
4	For utilization in co-processing (cement plants)	0	0	0	0
5	For utilization under Rule 9 (other than co-processing)	0	0	0	0

Table 26(c): Sikkim-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	South	0	0	0	0	0	0	0	0
2	East	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0

Table 26(d): Sikkim-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	South	0	0	870.901	0	0	0	0	0
2	East	0	0	179.933	0	0	0	0	0
Total		**0**	**0**	**1050.834**	**0**	**0**	**0**	**0**	**0**

Table26(e): Sikkim-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	South	0	0	0	0	0	870.901	0	0
2	East	0	0	0	0	0	179.933	0	0
Total		**0**	**0**	**0**	**0**	**0**	**1050.834**	**0**	**0**

Table 26(f): Sikkim-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**	0	0	0
B	**Utilization of HW under Rule 9**	0	0	0
C	**Co-processing in Cement Plants**	**0**	**0**	**0**

Table 232: Sikkim-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	Nil	Nil	Nil	Nil

Table 26(h): Sikkim-Details of Hazardous waste disposed in Common TSDF(s)

S. No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Table 26(i): Sikkim-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	Nil	Nil	Nil	Nil	Nil	Nil

27.
TAMIL NADU
(Hazardous waste generation and its Management)

Table 27(a): Tamil Nadu-Details of Hazardous waste Generation

Name of the District	No of Hazardous Waste Generatig Industry	Authorised Quantity of Hazardous Wastes (Tons/Annum)				Quantity of Hazardous Wastes Generated as per Annual Returns Within the State (Metric Tonnes)				Quantity of Wastes Imported During the year (Metric Tonnes)	Quantity of Wastes Exported During the year (Metric Tonnes)
		Landfillable	Incinerable	Recyclable	Utilisable	Landfillable	Incinerable	Recyclable	Utilisable		
	1	2	3	4	5	6	7	8	9	10	11
Ambattur	326	7725	6117.3	43723.1	640	4043	720	27240	650.304	0	0
Ariyalur	25	3640.52	20	757.133	0	0	20	757.133	0	0	0
Chennai	88	95.6	535.8	92.5	1080	19.82	321.48	83.25	936	0	0
Coimbatore North	142	1713.692	177.573	4599.842	2016.29	1028.215	124.3	3219.89	806.52	0	0
Coimbatore South	125	2228.456	413.718	40426.69	0	910	248.23	10500	1163.149	0	0
Cuddalore	54	5270.41	2246.67	17887.07	2696.6	4934	257.41	6047.85	1532.06	0	0
Dharmapuri	14	0.12	0	53.768	0	0.1	0	43.01	0	0	0
Dindigul	39	1091.75	0	1807.704	3700	987	0	1533.754	0	0	0
Erode	230	3881.06	0	1262.692	4836.25	2400	0	1145.78	3120	0	0
Gummidippondi	134	3244.35	700.06	46349.07	0	2919.915	420.36	33452	919.254	16592.8	0
Karur	82	3640	23318.800	20601	925.000	2184	13991.28	12360.6	555.000	0	0
Hosur	135	4856.42	1809.44	19910.22	0	2913.85	542.832	19910.22	1969.669	0	0
Kumarapalayam	122	1519.96	0	144.59	0	447.78	0	144.59	0	0	0
Madurai	92	946.1	781.95	1369.22	0	946.1	21.65	65.8	619.267	0	0
Maraimalai Nagar	316	8879	3979.25	13674.5	0	7622.3	1591.7	8363.18	3036	0	0
Nagapatinam	42	5223.86	2.25	754.37	19569.95	87.815	3.066	51.94	0	0	0
Nagercoil	20	2.15	0	148.57	0	2.15	0	148.57	0	0	0
Namakkal	14	25.3	0	253.41	972.72	8.75	0	120.34	594.64	0	0
Perundurai	162	3591.06	0	7560	8501.76	3648.09	4	0	7628.01	0	0
Pudukottai	42	330.520	86.780	2539.000	21600.000	64.100	70.11	391.726	900.000	0	0

Name of the District	No of Hazardous Waste Generatig Industry	Authorised Quantity of Hazardous Wastes (Tons/Annum)				Quantity of Hazardous Wastes Generated as per Annual Returns Within the State (Metric Tonnes)				Quantity of Wastes Imported During the year (Metric Tonnes)	Quantity of Wastes Exported During the year (Metric Tonnes)
		Landfillable	Incinerable	Recyclable	Utilisable	Landfillable	Incinerable	Recyclable	Utilisable		
	1	2	3	4	5	6	7	8	9	10	11
Ramanathapuram	15	0.416	60.97	0.008	0	0.416	60.97	60.97	0	0	0
Salem	104	13645.33	2172.85	572.95	1273.41	13904.88	2173.66	1145.9	1273.41	0	0
Sivagangai	16	10.25	0	19.83	92.05	4.506	0	23.1	108.65	0	0
Sriperumbudur	342	21528	25699	65857	0	18400	7709.7	55420	4067.052	16269	0
Thanjavur	31	84.96	3.57	70.87	0	84.96	3.57	54.451	0	0	0
Theni	15	55.95	0	37.924	84.000	3	0	27.5	60.300	0	0
Thiruvannamalai	23	22.72	13.61	651.661	15529	22.72	13.61	651.661	0	0	0
Thoothukudi	51	110313.29	4.91	18095.14	37668.42	99281.96	3.93	14476.11	27367.9	0	0
Tirunelveli	48	73	13	2831	23615	34	0	1003	2338	0	0
Tiruppur North	232	5000.161	169	25481.96	0	300	4	0	19700	0	0
Tiruppur South	41	412.09	24	5367.84	3876.38	265.41	43.77	4652.73	6271.77	0	0
Tiruvallur	175	1796.85	1098.58	7082.64	13013.57	1550.5	380	6870.6	8823.358	0	0
Trichy	64	2771.085	58.110	2379.232	0.000	2728.035	57.640	2369.788	728.685	0	0
Udhagamandalam	17	582.3	16	55.1082	0	500.3	8	35	0	0	0
Vaniyambadi	189	2058.8	0	15.66	49689.75	2058.8	0	15.66	49689.75	0	0
Vellore	113	24555.605	653.2933	10860.06	2450	8040.4231	906.1066	1654.9624	1084.65	0	0
Villupuram	29	2263	5316	63007	0	122	350	2406	0	0	0
Virudhunagar	41	271.685	1547.872	3	0	271.685	1547.872	3	0	0	0
Total	**3750**	**243350.82**	**77040.356**	**426303.3**	**213830.15**	**182740.58**	**31599.25**	**216450.07**	**145943.4**	**32861.8**	**0**

Table 27(b): Tamil Nadu- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	0	0
2	For disposal at common Incinerator	0	0	0	0
3	For recycling by Schedule IV recyclers	Karnataka, Puducherry, MP, WB, Telangana, Kerala, Andhra Pradesh	1570.76	0	0
4	For utilization in co-processing (cement plants)	Karnataka Puducherry	23.15 1903.63	0	0
5	For utilization under Rule 9 (other than co-processing)		9284	0	0

Table 27(c): Tamil Nadu-Details on Hazardous Waste Recycled and Utilized

S.No	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled (listed under Schedule -IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled (listed under Schedule -IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-prcessing in cement Kiln	Other than Co-processing	Captive Utilization (other than coloumn 15 & 16)		Co-processing in cement Kiln	Under Rule 9 other than co-processing	Capative Utilization (other than coloumn 19 & 20)
		14	15	16	17	18	19	20	0
1	Ambattur	2284	0	0	0	0	0	1223.358	0
2	Ariyalur	0	55335.9	0	0	0	101.8	0	0
3	Chennai	0	0	0	975	0	0	0	0
4	Coimbatore North	365	0	2129	0	0	0	0	0
5	Coimbatore South	8256.914	7614.8	0	0	930.725	85.2	0	0

S.No	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled (listed under Schedule -IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled (listed under Schedule -IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-prcessing in cement Kiln	Other than Co-processing	Captive Utilization (other than coloumn 15 & 16)		Co-processing in cement Kiln	Under Rule 9 other than co-processing	Capative Utilization (other than coloumn 19 & 20)
		14	15	16	17	18	19	20	0
6	Cuddalore	0	0	0	0	0	0	198	0
7	Dharmapuri	0	0	0	0	0	0	0	0
8	Dindigul	486.539	9566.355	0	0	0	0	0	0
9	Erode	55.298	0	0	0	0	0	2209	0
10	Gummidippondi	42806.46	0	0	0	0	0	0	0
11	Karur	1574.77	422.47	0	0	0	0	0	0
12	Hosur	0	0	0	0	0	0	0	0
13	Kumarapalayam	702	8390.87	0	0	0	0	0	0
14	Madurai	428.48	0	0	0	94.16	0	0	0
15	Maraimalai Nagar	4320	0	0	0	0	0	0	0
16	Nagapatinam	0	0	0	0	0	0	0	0
17	Nagercoil	0	0	0	0	0	0	0	0
18	Namakkal	412.98	0	0	0	79.78	0	0	0
19	Perundurai	0.000	0	0.000	0.000	0.000	0.000	0.000	0.000
20	Pudukottai	168.7	0	0	0	0	0	0	0
21	Ramanathapuram	0	0	0	0	0	0	0	0
22	Salem	10500	0	0	0	0	0	0	0
23	Sivagangai	0	0	0	0	0	0	0	0
24	Sriperumbudur	35402	0	0	0	0	0	5281	0
25	Thanjavur	0	0.000	0.000	0.000	0	0.000	0.000	0.000
26	Theni	142	0	0	0	62.45	0	0	0

S.No	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled (listed under Schedule -IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled (listed under Schedule -IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-prcessing in cement Kiln	Other than Co-processing	Captive Utilization (other than coloumn 15 & 16)		Co-processing in cement Kiln	Under Rule 9 other than co-processing	Capative Utilization (other than coloumn 19 & 20)
		14	**15**	**16**	**17**	**18**	**19**	**20**	**0**
27	Thiruvannamalai	0	0	0	0	0	0	0	
28	Thoothukudi	3662.834	0	0	26156.69	0	0	0	0
29	Tirunelveli	746.23	1410	0	580	0	0	0	0
30	Tiruppur North	325	0	0	0	0	0	0	0
31	Tiruppur South	0	0	0	0	0	0	0	0
32	Tiruvallur	3757.23	0.000	1450.000	0.000	31.000	0.000	0.000	0.000
33	Trichy	1559.15	0	0	0	186.814	0	0	0
34	Udhagamandalam	0	0	0	0	0	0	0	0
35	Vaniyambadi	0	0	0	0	0	0	0	0
36	Vellore	2365.49	0	1651.28	0	40	1651.28	0	0
37	Villupuram	2333.43	0	0	0	28.17	0	0	0
38	Virudhunagar	0	0	0	0	0	0	0	0
	Total	**122654.505**	**82740.395**	**5230.28**	**27711.69**	**1453.099**	**1838.28**	**8911.358**	**0**

Table 27(d): Tamil Nadu-Details on Hazardous Waste Disposed

S.No	Name of the District	Disposal of hazardous waste (generated with in the State/UT)				Disposal of hazardous waste(received from other State/UT)			
		Quantity Disposed in Secured Land fill (MT)		Quantity Disposed through incinerator(MT)		Quantity Disposed in secured landfill (MT)		Quantity Disposed through incinerator(MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	**Ambattur**	5043	0	787	0	0	0	0	0
2	**Ariyalur**	0	0	9	0	0	0	0	0
3	**Chennai**	34	0	34	0	0	0	0	0
4	**Coimbatore North**	548	0	35	0	0	0	0	0
5	**Coimbatore South**	175	0	77	0	0	0	0	0
6	**Cuddalore**	8611	0	42	0	0	0	0	0
7	**Dharmapuri**	0	0	0	0	0	0	0	0
8	**Dindigul**	4	0	0	0	0	0	0	0
9	**Erode**	3042	0	0	0	0	0	0	0
10	**Gummidippondi**	4908	0	190	0	0	0	0	0
11	**Karur**	1497.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	**Hosur**	1642	0	228	0	0	0	0	0
13	**Kumarapalayam**	141.75	0	0	0	0	0	0	0
14	**Madurai**	992	0	15	0	0	0	0	0
15	**Maraimalai Nagar**	5254	0	672	0	0	0	0	0
16	**Nagapatinam**	6	0	1	0	0	0	0	0
17	**Nagercoil**	0	0	0	0	0	0	0	0
18	**Namakkal**	5.25	0	0	0	0	0	0	0
19	**Perundurai**	6284		4	0	0	0	0	0
20	**Pudukottai**	94.000	0.000	110.000	0.000	0.000	0.000	0.000	0.000
21	**Ramanathapuram**	0	0	0	0	0	0	0	0

22	**Salem**	112	13335	2	2172.04	0	0	0	0
23	**Sivagangai**	0	0	0	0	0	0	0	0
24	**Sriperumbudur**	6261	0	1762	0	0	0	0	0
25	**Thanjavur**	34	0	3	0	0	0	0	0
26	**Theni**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27	**Thiruvannamalai**	101	0	10	0	0	0	0	0
28	**Thoothukudi**	15	99267.22	1	0	0	0	0	0
29	**Tirunelveli**	28	0	0	0	0	0	0	0
30	**Tiruppur North**	272	0	2	0	0	0	0	0
31	**Tiruppur South**	320	0	0	0	0	0	0	0
32	**Tiruvallur**	1500.5	0	174	0	0	0	0	0
33	**Trichy**	496.000	0.000	25.000	0.000	0.000	0.000	0.000	0.000
34	**Udhagamandalam**	0	0	4	0	0	0	0	0
35	**Vaniyambadi**	379	0	0	0	0	0	0	0
36	**Vellore**	11233	0	679.57995	0	0	0	0	0
37	**Villupuram**	179	0	350	0	0	0	0	0
38	**Virudhunagar**	0	0	271.685	0	0	0	0	0
	Total	59211.5	112602.22	5488.26495	2172.04				

Table 27(e): Tamil Nadu-Details on Hazardous Waste Stored at Occupier Premises

S.No	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31 st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	**Ambattur**		105	4370	0	496	38	9500	40
2	**Ariyalur**	0	0	0	0	0	11	104.23	0
3	**Chennai**	27.24	96.44	24.97	39	84.06	383.92	21.65	2500
4	**Coimbatore North**	257.05	35.51	460	2993	737.3	124.81	500	1670.52
5	**Coimbatore South**	204.228	74.46	1500	392.900	939.2	245.69	3659	769.839
6	**Cuddalore**	4217	99.11	422.19	256.04	540	314.52	1326	255.81
7	**Dharmapuri**	0	0	4.71	0	0.1	0	5.23	0
8	**Dindigul**	10.000	0.000	41.700	0.000	993.000	0.000	59.750	0
9	**Erode**	712	0	155.5	100	70	0	165.48	150
10	**Gummidippondi**	2244.5	30	0	0	256.4	260.36	22000	4988
11	**Karur**	4132	6995.84	6180	277.5	4819	8902.286	8240.4	370
12	**Hosur**	1500.000	0.000	300.000	0.000	2771.900	314.832	10456.000	10456
13	**Kumarapalayam**	206	0	36.15	0	512.03	0	36.15	0
14	**Madurai**	85.15	5.8	23.5	0	39.3	12.45	65.8	0
15	**Maraimalai Nagar**	1200	0	0	0	3568.3	919.7	3184	518
16	**Nagapatinam**	960.198	0	253.492	0	1042	2.066	263.5835	0
17	**Nagercoil**	7.7	0	0	0	9.85	0	38.56	0
18	**Namakkal**	2.63	0	36.1	178.39	6.13	0	84.24	0
19	**Perundurai**	4684.99	0	0	1304.98	2049.087	0	0	3120
20	**Pudukottai**	79.438	62.52	11.388	134.17	49.538	22.63	14.57	192.2
21	**Ramanathapuram**	0.21	0	0	0	0.626	60.97	60.97	0
22	**Salem**	259.55	2.04	572.95	1273.41	717	1.62	1145.9	792.28
23	**Sivagangai**	18.65	0	3.295	78.68	23.156	0	3.485	0

S.No	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31 st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
24	**Sriperumbudur**	11.52	14.5	12.6	0	12151	0	31805	363.526
25	**Thanjavur**	14.8	1.01	3.6	0	65.76	1.58	3.95	0
26	**Theni**	3	0	0	7	6	0	0	15
27	**Thiruvannamalai**	97.58	2.04	97.7	0	19.3	5.65	580.2	0
28	**Thoothukudi**	89353.76	3.54	1302.4	23730.3	89353.78	6.47	14476.11	24941.51
29	**Tirunelveli**	43.3	0	912	1542	49.3	0	641	100
30	**Tiruppur North**	12	2	0	0	40	4	0	2200
31	**Tiruppur South**	953.84	114.5	10171.4	5258.11	899.3	158.27	12311.32	1132
32	**Tiruvallur**	100	20	500	80	150	226	870	682.19
33	**Trichy**	135.730	19.390	38.780	0.000	2367.800	52.030	877.160	0
34	**Udhagamandalam**	0	5	20.05	0	500.3	4	10.5	0
35	**Vaniyambadi**	1646	0	0	11214	3325.8	480.3612	0	13509
36	**Vellore**	4020.21155	453.0533	2068.703	570	828	679.57995	1293.3354	175
37	**Villupuram**	203	14	1000	0	146	19	725	0
38	**Virudhunagar**	0	0	25	0	271.69	0	25	0
	Total	**117403.2756**	**8155.7533**	**30548.178**	**49429.48**	**129898.007**	**13251.79515**	**124553.5739**	**68940.875**

Table 27(f): Tamil Nadu-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

Type of Recycling Facilities	District	No of Facilities Authorization of Recyeling /utilization Co-processifng of HW	Total Authorized Capacity (MTA)	Quantity Recycled /Utilized /Coprocessed (MT)
Copper Baring Waste				
Lead bearing waste including battery waste	Ambattur	2	2284	2284
	Villupuram	1	500	0
			2784	2284
	Sriperumbudur	1	16,400	
	Dindigul	1	19,184	0
			3700	
Zinc bearing waste	Gummidipoondi	5	90840	23545
	Hosur	1	6500	0
	Maraimalai Nagar	1	35000	4320
	Pudukottai	2	1780	168.7
	Salem	1	10500	10500
	Sriperumbudur	1	36000	35402
	Theni	1	540	142
	Thoothukudi	1	15750	3662.834
	Tiruvallur	4	9680	3287.51
	Trichy	1	1200	1191.9
	Coimbatore (S)	1	25200	3315.337
	Vellore	1	7200	2255.18
	Gummidipoondi	1	1500	0
	Kumarapalayam	1	720	702
	Namakkal	1	1596	492.76
	Trichy	2	1645.6	395.18

Type of Recycling Facilities	District	No of Facilities Authorization of Recyeling /utilization Co-processifng of HW	Total Authorized Capacity (MTA)	Quantity Recycled /Utilized /Coprocessed (MT)
	Villupuram	1	1350	0
Used Oil	Coimbatore (N)	2	5100	365
	Coimbatore (S)	1	13950	4950
	Dindigul	1	1350	244.004
	Erode	1	55.298	55.298
	Gummidipoondi	3	9832	7660.8
	Karur	1	4179.96	962
	Hosur	1	1571	0
	Madurai	4	14305.6	522.64
	Perundurai	2	7560	0
	Tiruppur (N)	1	40.32	270
	Theni	1		62.45
	Vellore	2	8100	172.1
	Villupuram	1	10584	15.62
Waste oil	Coimbatore (N)	1	4320	0
	Coimbatore (S)	2	12400	922.302
	Dindigul	1	9000	242.535
	Gummidipoondi	3	11600.66	11600.66
	Karur	1	999.6	612.77
	Madurai	1	4500	0
	Tirunelveli	1	720	746.23
	Tiruvallur	2	3780	6.836
	Vellore	1	5400	0
	Villupuram	1	4300	184.6

Type of Recycling Facilities	District	No of Facilities Authorization of Recyeling /utilization Co-processifng of HW	Total Authorized Capacity (MTA)	Quantity Recycled /Utilized /Coprocessed (MT)
		66	429493.718	123544.246
Co-processing in Cement Plants	Ariyalur	3	335277	55335.9
	Coimbatore (S)	1		7700
	Dindigul	1	37560	9566.355
	Karur	1	925	422.47
	Kumarapalayam	1	8395	8390.87
	Tirunelveli	1	21500	1410
		8	403657	82825.595
De-contamination of contaminated drums /containers/barrels	Chennai	1	1080	975
Spent catalyst containing nickel, cadmium, Zinc, Copper arsenic, Vanadium and cobalt	Coimbatore (N)	2	4012	2129
	Dindigul	1		6000
	Tiruvallur	2	1450	1450
	Cuddalore	1	1200	196
		1	7742	10,750
	Tiruppur (N)	1	2100	55
Aluminium Dross	Tiruvallur	1	4800	493.885
Utilization of Spend Sodium Dichromate Solution generated during manufacturing of ibuprofen for production of Basic Chromium Sulphate	Ambattur	1	1330	1223.36
	Sri Perumbudur	1	8400	5281
	Villupuram	1	375	375
	Erode	1	2555	2209
Spent Solvent	Villupuram	4	9480	2133.21
	Tirivalur	1	4728	

Type of Recycling Facilities	District	No of Facilities Authorization of Recyeling /utilization Co-processifng of HW	Total Authorized Capacity (MTA)	Quantity Recycled /Utilized /Coprocessed (MT)
	Kancheepuran	2	8620	5361
			22,828	7494.21

Table 27(g): Tamil Nadu-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

District	S.No	Name and address of the Facility	Type of Hazardous Waste Recycled	Authorized Recycling /Utilization /Co-Processing Capacity (MTA)	Quantity Recycled/ Utilization / Co processing Capacity (MT)
Ambattur	1	M/s. HIFLO SOLDERS PVT LTD S.F. No 1131/1A1A2, MADHAVARAM Village, MADHAVARAM Taluk, Tiruvallur District	Schedule III/Part - B- B1 - Metal and metal -bearing wastes, Bn1070- Waste of Copper and copper alloys in dispersible form, unless they contain any of the constituents mentioned in Schedule II to an extent that they exhibit part C characteristics.	660	660
			Schedule I /31. Electronic Industry, 31.1 - Process residdue and wastes	624	624
	2	M/s. Jain Metal Rolling Mills, S.F. No. 1073/4, 24/2, 41/2, 41/2A, Madhavaram Village, Madhavaram Taluk, Tiruvallur District	Schedule II /B Concentratin limit: more than 5000 mg/kg, B3 Copper compounds	400	400
			Schedule II /B Concentratin limit: more than 5000 mg/kg, B3 Copper compounds	600	600

	3	M/s. Ayes Dyes & Chemicals, 17 1st Cross Street Vanagaram Road, Ayanambakkam, Chennai 602 102.	Utilization of Sodium Bi Chromate Solution generated during manufacturing of ibuprofen for production of Basic Chromium Sulphate	1330	1223.36
					3507.36
Ariyalur	1	Ultra Tech Cement Ltd, Reddipalayam Village, Ariyalur District.	21.1 Process Wastes, residues & Sludges	25,550	2,716
			4.1 Oily sludge /emusion	25,550	0
			5.1 Wastes /residues Containing Oil	147	14
			5.2 Oil soaked cotton waste from automobile industries	500	289
			CETP/IETP sludge of textile industry	1,27,750	46,468
			34.3 Chemical sludge from automobile intustries	43,800	0
			34.3 Phosphate sludge from automobile industries	43,800	0
			36.4 Green mesh with Resin	36,500	0
			21.1 Process Wastes, residues & Sludges	25,550	2,716
	2	M/s. Dalmia Cement (Bharat) Ltd, palanganatham - Village, Ariyalur - Tk &Dt. Pin 621 651	Solid Waste Mix from GEPIL, Ranipet.	16,500	20.96
	3	Dalmia Cement (Bharat) Limited, S.F. No. 630, Thamaraikulam Village, Ariyalur 621 705	Solid WasteMix	15,180	3,111.94
					55,335.90

Chennai	1	M/s. T Sathyanarayana Chetty No. 3 Veerakutty Street Old Washernment, Chennai 21.	Hazardous Chemical contaminated drums/containers/barrels	1080	**975**
Coimbatore (N)	1	Nagalakshmi Agencies Unit - II S.F.No.540/1B2B, Vellakinar Village Saravanampatti Road, Coimbatore - 641 029	3.1 - Oil- Containing Cargo residue, washing water and sludge	4320	0
			4.1 - Oily sludge / emulsion		
			4.3 - Slop oil		
			5.2 - Wastes / residues containing oil		
	2	Nagalakshmi Agencies S.F.No.540/1, Saravanampatti Main Road Vellakinar Post, Coimbatore - 641 029	5.1 - Used Oil	3600	0
	3	Shri Sathya Sai Lubricants S.No.86/1F Kunnathur Village, Annur Taluk COSMAFAN Foundry Cluster Park-III Coimbatore - 641 107	5.1 - Used Oil	1500	365
	4	Veeyes Alloys Pvt Limited SF.No.518-1A and 1B and 520-1 Saravanampatty,Thudiyalur Road Vellakinar Post, Coimbatore - 641 029	33.3. Discarded containers / barrels / liners contaminated with hazardous wastes/ chemicals	3532	2119
	5	K.M.Agency No.1/35-A, Kuranur, Kemmarampalayam Village, Mettupalayam Taluk, Coimbatore - 641 113.	33.3. Discarded containers / barrels / liners contaminated with hazardous wastes/ chemicals	480	10
					2494
Coimbatore (S)	1	M/s. Sri Balaji Industries S.F. No. 16/4 Part, Sirukalandai Village, Kinathukadavu Taluk, Coimbatore	3.1 Oil containing cargo residue (ship) 3.3 Sludge from Filter (ship) 3.4 Ballast water containing oil	400 KL/Year	400

		District	(ship)		
	2	M/s. Sri Balaji Industries Unit II, S.F. No. 16/4 Part, Sirukalandai Village, Kinathukadavu Taluk, Coimbatore District	3.1 Used /spent oil	4950 T/Year	4950
	3	M/s. Arpe Lubricants, S.F. No. 406, Malumichapatti Village, Plot NO. 94, SIDCO Industrial Estate, Coimbatore 641 021.	3.1 Oil containing cargo residue, washing water and sludge	3000 KL/Year	0
			5.1 Used /Spent Oil	9000 KL/Year	
	4	M/s. Jaya Traders, S.F. 36, Seerapalayam Village, Coimbatore (South) Taluk, Coimbatore District	3.1 Oil - containing cargo residue, washing water and sludge	9000 KL/Annum	522.302
			5.1 Used /Spent Oil		
	5	M/s EMAAR Lead Company Limited, SF No 47, Puliyamarathupalayam Road, Selakaricahl Village, Sulur taluk, Coimbatore	Lead Battery	25200 MT	3315.337
					9187.639
	6	M/s. ACC Limited, Madukkarai Cement Works, R.S. No. 1053/3, 1054/2/1060/3, 1091/1, 1058/1 & 1206/3, Madukkarai Village, Coimbatore South Taluk, Coimbatore District	35.3	90,720	7,478.26
			5.2	3,499	96.27
			5.2	36,417	48.84
			21.1	2,20,320	16.34
			35.3	26,438	16.40

			23.1	61,689	43.48
			Total	2,18,763	7,700
			Foot note*: was issued with HWA to process the Hazardous waste in terms of % use of HW based on feed. Hence the value is abnormal. The actual quantity processes is 7700 T.		
Cuddalore	1	Daniel Barrels 59/2 Kammimanagar Salai M Pudur Post Arisiperiyankuppam, Cuddalore	33.1	1200	
Dharmapuri		Nil			
Dindigul	1	M/s. S.V.M.A Alloys, Kurumbapatty, Village, Dindigul West Taluk, Dindigul District	A1160-Waste lead acid batteries, whole or crushed	3700	0
	2	M/s. Sasi Industries, Balakrishnapuram Village, Dindigul East Taluk, Dindigul District	Used/Spent Oil	1350	244.004
			Waste Oil	1800	41.485
			Tarry residues	1800	159.2
			Spent solvents	3600	41.85
			Oil containing cargo residue washing water and sludge	600	0
			sludge and filters contaminated with oil	600	0
			Ballast water containing oil from ships	600	0
					486.539

			Discarded containers/barrels/liners contaminated with hazardous wastes /chemicals	600 Nos/Year	6000
	3	M/s. Chettinad Cements Corporation Ltd, Karikali Village, Vadansandur Taluk, Dindigul District	4.1 Oil Sludge or Emulsion	3600	0
			5.1 Used /Spent Oil	60	0
			5.2 Waste or Residuecondaining Oil	1500	256.24
			21.1 Process Waste, Residue and sludge	9000	244.04
			28.1 Process Residue and Waste	4800	0
			28.3 spent carbon	4800	0
			28.6 spent solvent	4200	0
			35.3 Chemical Sludge from Waste Water Treatment Plant	7200	6744.495
			37.3 concentration or Evaporation residues	2400	2321.58
				37560	9566.355
Erode	1	M/s. Saizrol Industries, 64, Thannerpandalpalayam Road, Sunnambu Odai, Erode 638 005.	1. Used Oil 2. Oily sludge/emulsion 3. Spent clay containing oil	55.298	55.298
	2	Tanwell SF No. 69/1 Virapalayam village, Erode Taluk, Erode District	A5. Waste containing Chromium compounds	2241	2209
Gummidipoondi	1	M/s. Supreme Petro Products (used Oil) S.F.No. 225 /1A 2J, 225/1A2/c Eguvarpalayam Village, Gummidipoondi Taluk, Tiruvallur District.	Used oil	4960	4960

	2	M/s.Supreme petro Products (Waste Oil) S.F.No.225/1AJ,225/1Ak Eguvarpalayam Village, Gummdipoondi Taluk, Tiruvallur District.	Waste oil	10800	10800
	3	M/s. Roshan Metal, Sirupuzalpettai Gummidipoondi Taluk, Tiruvallur District	Used Lead Acid Battery	2280	2280
	4	M/s. GMT Alloys B25 Sipcot Industrial SF.No.351 Pappankuppam, Gummdipoondi Taluk, Tiruvallur District.	Used Lead Acid Battery	2400	2400
	5	M/s. Sree Sumangala Metals and Industries pvt ltd, Plot no. B-51/1, SIPCOT Industrial Complex, Gummidipoondi and Taluk, Tiruvallur District.	Used Lead Acid Battery	27600	Nil
	6	M/s JAIN METALS ROLLING MILLS, PLOT NO. R1 & R2, SIPCOT INDUSTRIAL ESTATE, Gummidipoondi and Taluk, Tiruvallur Dt	Used Lead Acid Battery	51000	17990
	7	M/s Quality Lube Products Limited, No.35A, SIDCO Industrial Estate Vichoor, Ponneri Taluk, Tiruvallur District	Used oil	2880	200.8
	8	M/s Quality Lube Products Limited, No.35A, SIDCO Industrial Estate Vichoor, Ponneri Taluk, Tiruvallur District	Waste oil	800	800
	9	Quality Zinc Chem NO. 231/4, Vichoor Village, Ponneri Taluk, Tiruvallur district	Zinc Bearing Waste	1500	641.6
	10	Shri Sabhari Smelter Pvt ltd, No. 280pt, 281pt Vichoor Village, Ponneri Taluk, Tiruvallur Dt.	Used Lead Acid Battery	7560	875

	11	M/s Priya Petro Products, No. 123 SIDCO Industrial Estate, Vichoor, Ponneri Taluk, Tiruvallur Dt	Used oil	2592	2500
	12	M/s Priya Petro Products, No. 123 SIDCO Industrial Estate, Vichoor, Ponneri Taluk, Tiruvallur Dt	Waste oil	0.66	0.66
					43448.06
Karur	1	M/s. Vinayaga Lubricants, S.F. No. 561/2A, 2B, and 562 Part, Plot No. 67, SIDCO Industrial Estate, Athur Village, Karur Taluk & District	5.1 Used /Spent Oil	4179.96	962
			3.1 Waste Oil containg cargo residues washing water & sludge	999.6	612.77
			1.2 Tarry residue	1500	-
			3.3 Sludge & Filters	999.6	-
			3.4 Ballast Water containing oil from ships	999.6	-
			20.2 spent solvents	3000	-
			20.3 Spent residue	11640	-
					1574.77
	2	M/s. Chettinad Cements Corporation Ltd, Karur - Trichy Main Road, Karur Taluk, Karur District	CETP/IETP Sludge of textile industry	925	422.47
Hosur	1	M/s. Shree Durgai Lubes	Used Oil	1571 T/Y	0
	2	M/s. Global Lead Alloys	Used Lead Acid Battery	6500 T/Y	0
Kumarapalayam	1	M/s. Sayee Chem Industries Thokkavadi, Goundempalayam, Thiruchengode Taluk, Namakkal District	Zinc Ash	720	702

	2	M/s. THE INDIA CEMENTS LIMITED Sankari west Post sankari, Kumarapalayam Taluk Namakkal District	ETP Sludge	8395	8390.87
Madurai	1	M/s. Sun Reclaimery Madurai Automobile Co-op Indl Estate Kappalur, Madurai -625 008	Used/Spent Oil Waste Oil/Sludge Emulsion/Spent clay containy Oil	4140	200.03
	2	M/s. Sun Reclaimery Waste oil Division, Plot No. A25-27, A49-51 Madurai Automobile Co-op Indl Estate Kappalur, Madurai -625 008	Waste Oil/slop Oil/ Oily sludge Emulsion Oil containing cargo residue washing water and sludge sludge and filters contaminated with oil Ballast water containing oil from ships	4500	Not in operation
	3	M/s. Southern Petrocoal, 1/120, A Katrampatti, T. Pudupatti, Thirumangalam Taluk, Madurai District	Used/Spent Oil	1525.6	102.61
	4	M/s. King Industry - Used Oil - RR Plot No. 43, Mahia Industrial Estate, Uranganpatti, Madurai 20	Used/Spent Oil	2880	220
	5	M/s. Sri Meenakshi Petro Products 141, Virudunagar Road, Thirumngalam, Madurai	Used/Spent Oil	5760	Not is operation
					522.64
Maraimalai Nagar	1	M/s. POCL Enterprises Ltd, S.F.No. 360, Nennakarai Village, Chengalpattu Taluk, Kancheepuram District	Lead Scrap /Battery	35000	4320
Nagapattinam		Nil	Nil	Nil	Nil

Nagarcoil		Nil	Nil	Nil	Nil
Namakkal	1	M/s. Sri Sakthi Sulphate Salem Road, Ayeepalayam Village, Athanoor Post, Rasipuram Talu, Namakkal District	Zinc Ash	1596	492.76
Perundurai	1	M/s. Jayam Refineries, Post No. F. 13, SIPCOT Industrial Growth Centre, Perundurai 638 052 Erode District	5.1 Used /Spent Oil	5400	Nil
	2	M/s. Sai Ram Industries, Plot No. F 10, SIPCOT Inustrial Growth Centre Perundurai Taluk, Erode District	5.1 Used /Spent Oil	2160	Nil
Pudukkottai	1	M/s. Parakash Alloys Industries, S.F. No. 77/5A, 5C, Vadugapatti Village, Illuppur Taluk, Pudukkottai District - 621 316	B4 - Lead and Lead Components	1380	100
	2	M/s. Power Tech Industries, S.F. No. 40, Plot No. 1-D/2, SIPCOT Industries Complex, Nathampannai, Pudukkottai District 622 002	B4 - Lead and Lead Components	400	68.7
					168.7
Ramanathapuram		Nil	Nil	Nil	Nil
Salem	1	M/s. Valarmathi Alloys, Shed No. 9 and 10, SIDCO Industrial Esate, Veerapandi Village, Ariyanur Post, Salem District.	Waste Batteries, Lead Scrap, Lead dross, Lead ash and other lead Bearing Scrap	10500 T/Annum	10500
Sivagangai		Nil	Nil	Nil	Nil
Sriperumbudur	1	M/s. Pondy Oxides and Chemicals Ltd, Plot No. G17-19, G30-32, SIPCOT Indl Park, Sriperumbudur po and Tk, Kancheepuram District Pin 602 102.	Lead	36000	35402

	2	Arihant Intermediates (Madras) Pvt Ltd., SF No. 90/1, Sathamai village, Maduranthagam Taluk, Kancheepuram District	A5. Waste containing Chromium compounds	8400	5281
	3	M/s Latha Chemicals ,Nervalur Vilage, Kancheepuram Taluk & District	20.2 Spent Solvents	2625	Nil
	4	Ayesha Enterprises , Neervalur Village, Kanceepuram District	20.2 Spent Solvents (Thiners) & Paints	240	Nil
	5	Hydromet India Pvt Limited,Vedal Village, Rajakulam Post Kancheeepuram District	Copper Ash and Dross		
Thanjavur		Nil	Nil	Nil	Nil
Theni	1	M/s. Guru Marketing, S.F. No. 232/1B Boothipuram Village, Bodinaickanur Village, Theni District	Scrap Battaries	540	142
	2	Avatar PetroChemicals,Andipatti SIDCO Industrial Estate Thimmarasa Naickenoor, Andi patti	20.2 Spent Solvents	180	Nil
			3.1 Waste Oil containg cargo residues washing water & sludge	700	27.5
			3.3 Sludge & Filters contaminated with oil	700	Nil
			3.4 Ballast Water containing oil from ships	620	Nil
			4.1 Oily sludge /emusion	2200	Nil
			5.2 Residues Contaminated With Oil	2200	Nil
Tiruvannamalai		Nil	Nil	Nil	Nil

Thoothukudi	1	M/s. Sither Metal Industries, No. 386, South Veerapandipuram Road, Saminatham Village, Ottpidaram Taluk, Thoothukudi	B4 - Lead and Lead Components	15750	3662.834
Tirunelveli	1	M/s. PMB & Co, Sivarajapuram, Abisekpatti, Ghandinagar Post., Tirunelveli	5.2 Waste or Residues Condaining Oil	720	746.23
	2	M/s. The India Cements Ltd, Sankar Nagar, Madurai Road, Tirunelveli	35.3 Chemical Sludge from Waste Water Treatment	21500	1410
Tiruppur (N)	1	ATLAS Corporation, S.F. No. 1023 P and 202/A1P, Rasathavalasu Village, kangeyam Taluk, Tiruppur District 638 111	5.1 Used /Spent Oil	4032	270
			20.1 Contaminated Aromadic, Aliphatic or Nabhenic solvants	2100	21
			20.2 spent solvents		34
					325
Tiruppur (S)		Nil	Nil	Nil	Nil
Tiruvallur	1	M/s. Chennai Used Drums Barrels Re-cond, G-5 7 SIDCO Industrieal Estate, Kakkalur, Tiruvallur Taluk & District	Discarded containers/barrels	450	450
	2	M/s. Muthu Barrels Tarding Company, DP 179 SIDCO Industrial Estate, Thirumazhisai, Poonamalle Taluk, Tiruvallur District 600 124.	Discarded containers/barrels	1000	1000
	3	M/s. Trigel Petro chem. (P) Ltd 72, Sidco Industrial Estate,Kakkalur,Tiruvallur Taluk & District	Waste Oil	360	4.824

	4	M/s.Mega petro Products No.60 Sidco Industrial Estate Kakkalur, Tiruvallur Taluk & District.	Waste Oil	3420	2.012
	5	M/s. EL Tech Power System Private Limited S.F.No. 106 part, Thirumazhisai Village, Poonamallee Taluk, Tiruvallur District.	Lead and Lead Components	1800	1800
	6	M/s. Southern Power Industries D.P. No: 3 –Electrical Industrial Estate, Kakklaur Village, Tiruvallur Taluk & District.	Lead and Lead Components	1200	198.63
	7	M/s.POCL Enterprises Limited G-47 SIDCO Industrial Estate, Kakkalur, Tiruvallur taluk & District.	Lead and Lead Components	5600	208.88
	8	M/s. Perms Gold S.F.No. 147/11, Melandur Village, Uthukottai Taluk, Tiruvallur District.	Lead and Lead Components	1080	1080
	9	M/s. Sri Balaji Metals, Shed No. 5, Plot No. 17, SIDCO Industrial Estate, R.K. Pet 631 303	Aluminium Dross	4800	493.885
	10	Sri Balaji Chem Industries ,Plot No 94,95 SIDCO Industrial Estate Kakallur Tiruvallur District	Spent Solvents	4728	
					3788.231
Trichy	1	M/s. Trichy Metals and Alloys, S.F. No. 536 2A, Thathamangalam, Manachanallur Taluk, Trichy District	Lead Bearing Waste	1200	1191.9
	2	M/s. Sylvan Farm Chemicals, Velanganatham Road, M. Pudupatti, Post Box No. 7, Musiri - 621 211.	Zinc Fines /Dust / Ash	795.6	367.25

	3	M/s. ICMC Corporation Ltd, I-3, SIDCO Industrial, Esate, Ariyamangalam, Trichy District	Zinc Bearing Waste	850	27.93
	4	M/s IACL Pvt Limited I 5 Industrial Estate, Ariya Mangalam Trichy District	Zinc Bearing Waste	650	0
					1587.08
Udhagamandalam		Nil	Nil	Nil	Nil
Vaniyambadi		Nil	Nil	Nil	Nil
Vellore	1	M/s. Lakshmi & Co (Used Oil Recycling), Plot No. 99, SIDCO Industrial Estate, Ammanur, Arakonam Taluk, Vellore District	5.1 Used Oil	4500	125.6
	2	M/s. Lakshmi & Co (Waste Oil Recycling), Plot No. 99, SIDCO Industrial Estate, Ammanur, Arakonam Taluk, Vellore District	5.2 Waste Oil	5400	0
	3	M/s. M.R. Industries, Plot No. 73, SIDCO Industrial Estae, Ammanur, Arakonam Taluk, Vellore District.	5.1 Used Oil	3600	46.5
	4	M/s. Universal Lead Alloys, S.No. 587, Senganatham Road, Rangapuram Village, Vellore Taluk, Vellore District.	Lead bearing Waste	7200	2255.18
					2427.28
Villupuram	1	M/s. Pentakcoast Resins, Kondalangumppam Village, Vanur Taluk, Villupuram.	Spent Solvents	3240	342.06
	2	M/s. Thirupathi Oil Company unit 1, Venmaniyathur, Tindivanam Taluk, Villupuram.	Waste Oil	4300	184.6
	3	M/s.D.V.R. Refingers, Eraiyur village, Vanur Taluk, Villupuram.	Used Oil	10584	15.62
			Spent Solvents	2880	0

	4	M/s. Thirumala Chemicals, Atthiyanthal Village, Tirukoyilur Taluk, Villupuram.	Spent Solvents	360	8
	5	M/s. Sri Chementor Pvt. Ltd, Perumbakkam Village, Vanur Taluk, Villupuram.	Spent Solvents	3000	1783.15
	6	ICMC corportaion Ltd., Thennalapakkam, Tindivanam	Zinc fine dust/ash	850	0
			Sludges and filter cake (copper/Brass/ash/dross)	500	0
	7	Balaji Chemicals SF No 54/5 Kalla Kolathur ,Tindivanam Villupuram District	Utilization of Sodium Bi Chromate Solution generated during manufacturing of ibuprofen for production of Basic Chromium Sulphate	1184.4	375
					2708.43
Virudhunagar	Nil	Nil	Nil	Nil	Nil

Table 27(h): Tamil Nadu-Details of Hazardous waste disposed in Common TSDF(s)

S. No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Tamil Nadu Waste Management Ltd., No. 33 SIPCOT Industrial Complex, Gummidipoondi- 601 201, Thiruvallur	287	688	14814	44399	4368	14814	44531	4368	0	155	1241	455480		1	100000
2	M/s Tamil Nadu Waste Management Ltd., Unurimikulam, Tiruchuli Taluka, Virudhu nagar.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 27(i): Tamil Nadu-Details of Hazardous waste disposed in Captive TSDF(s)

Cam	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill (MT/A)		
1	M/s Chemplast Sanmar Ltd Plant 1, Salem	Landfillable	0	25	25	49182.35
2	M/s Chemplast Sanmar Ltd Plant II PVC, Salem	Incinerable	---	0	2172.04	
3	M/s Chemplast Sanmar Ltd Plant II, Salem	Landfillable	7.5	250	250	
4	M/s Chemplast Sanmar Ltd Plant III, Salem	Landfillable	0	2305	2305	
5	M/s Cabot Sanmar Ltd. Plant V, Salem	Landfillable	0	175	175	0
6	M/s Steel Authority of India	Landfillable	0	10580	10580	33042.69
7	M/s Vedanta Ltd., Copper Smelter Plant, SIPCOT Industrial Complex, Thoothukudi.	Landfillable	0	300000	99267.22	703316

28.
TELANGANA
(Hazardous waste generation and its Management)

Table 28(a): Telangana-Details of Hazardous waste Generation

S. No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Hyderabad	227	7096.24	763.63	22128.26	0	4640	379.22	8016.16	3.47	0	0
2	Sangareddy	234	35155.187	21339.004	49738.18	49299.46	29800.136	605.768	8712.035	10712.09	0	3113.955
3	Kothagudem	185	0	0	871.715	16200	160.12	0	513.206	14840	0	0
4	Nalgonda	210	69691.34	26893.16	9676.74	0	14650.685	711	9583	23986	0	0
5	Nizamabad	197	4539.33	135.2	96.6	0	3512	128.6	58.43	59.5	0	0
6	Medak	476	52882.01	60752.48	2179.09	0	28130.26	380	823.47	20881	0	0
7	Ramagundam	90	100.57	22.26	868.77	0	0	3.12	553.75	0	0	0
8	Medchal	456	32418.29	4627.78	44432.12	0	30460.62	868	21050.4	9530	0	0
9	Rangareddy	391	5312.91	2869.37	7074.29	0	4863.44	43.5	888.27	300	0	0
10	Warangal	176	0	24.56	125.443	0	0	24.58	124.243	0	0	0
	Total	**2642**	**207195.8**	**117427.4**	**137191.2**	**65499.46**	**116217.26**	**3143.788**	**50322.96**	**80312.06**	**0**	**3113.95**

Table 28(b): Telangana- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	0	0
2	For disposal at common Incinerator	0	0	0	0
3	For recycling by Schedule IV recyclers	0	0	0	0
4	For utilization in co-processing (cement plants)	Andhara Pradesh	26614.17	Andhara Pradesh	29981.41
		0	0	Karnataka	5503.735
5	For utilization under Rule 9 (other than co-processing)	0	0	0	0

Table 28(c): Telangana-Details on Hazardous Waste Recycled and Utilized

S. N.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Hyderabad	8016.16	3.47	0	0	0	0	0	0
2	Sangareddy	8712	7351	0	0	0	0	0	0
3	Kothagudem	613.206	0	14840	0	0	0	0	0
4	Nalgonda	8194	14344.027	0	0	1392	26614.2	0	0
5	Nizamabad	0	59.5	0	0	0	0	0	0
6	Medak	823.4779	0	0	0	0	0	0	0

S. N.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
7	Ramagundam	378.277	0	0	0	0	0	0	0
8	Medchal	21048.56	7975.65	0	0	0	0	0	0
9	Rangareddy	881.273	164.44	0	0	0	0	0	0
10	Warangal	124.243	0	0	0	0	0	0	0
	Total	**48791.1969**	**29898.087**	**14840**	**0**	**1392**	**26614.2**	**0**	**0**

Table 28(d): Telangana-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Hyderabad	4510.7	0	277	0	0	0	0	0
2	Sangareddy	29806.136	0	612.768	0	0	0	0	0
3	Kothagudem	160.12	0	0	0	0	0	0	0
4	Nalgonda	13808.68	0	235.303	0	0	0	0	0
5	Nizamabad	3215	0	0	0	0	0	0	0
6	Medak	28130.265	0	421.89	0	0	0	0	0
7	Ramagundam	0	0	3.12	0	0	0	0	0
8	Medchal	30719.5	0	862.4	0	0	0	0	0
9	Rangareddy	4608.93	0	274.616	0	0	0	0	0
10	Warangal	0	0	64	0	0	0	0	0
	Total	**114959.331**	**0**	**2751.097**	**0**	**0**	**0**	**0**	**0**

Table 28(e): Telangana-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Hyderabad	20.3	230	0	0	94.7653	329.3	0	0
2	Sangareddy	2151	0	0	0	2145.3	0	0	0
3	Kothagudem	0	0	398.81	0	19.14	0	298.45	0
4	Nalgonda	330	150	32	0	1184.7	624.027	63	0
5	Nizamabad	51.9	0	10.583	0	360.4	91.8	69.015	0
6	Medak	4867.2	3198	162.44	0	4855.36	3603.99	142.13	0
7	Ramagundam	0	3.56	1.17	0	0	3	176.646	0
8	Medchal	274.62	0	0	0	15.737	6.085	1.882	21.079
9	Rangareddy	264.498	0	781.901	0	518.7	0	780.5	136.9
10	Warangal	0	0	0	0	0	0	0	0
	Total	**7959.518**	**3581.56**	**1386.904**	**0**	**9194.1023**	**4658.202**	**1531.623**	**157.979**

Table 28(f): Telangana-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross			
2	Zinc Bearing Wastes			
3	Copper Bearing Waste	3	4612	3577.91
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	2	1132	774.3
5	Lead bearing waste including battery waste	24	112902.3	26760.2
6	E-Waste	4	30000	15001.99
7	Used oil			
8	Waste Oil	17	362921.1	18876.165
	Total	**50**	**511567.4**	**64990.565**
B	**Utilization of HW under Rule 9**			
1	Recovery of solvents from spent solvents	27	101890.1	62700.5
2	Utilization of process sludge and primary ETP sludge generated from Pulp & Paper Industries for producing Paper Board/ Mill Board/ Card Board	32	16200	14840
	Total	59	118090.1	77540.5
C	**Co-processing in Cement Plants**	10	940928.3	61565.513

Table 28(g): Telangana-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s Syno Chem India, Plot No. 48, CIE (Expansion), Gandhinagar, Balanagar, RR dist	Zinc, Copper and Brass bearing waste	512	77.91
2	M/s Shilpa Metal Udhyog, Plot No. 3-100, Sy. No. 799, Ankireddy Palli (V), Keesara (M), Rangareddy District.	Zinc, Copper and Brass bearing waste	500	500
3	M/s. Bhagyanagar India Ltd., IDA Nacharam, Medchal District	Copper scrap/ Reverts/ Waste / Druid /copper oxide mill scale / copper cake and residue / slags from copper processing / copper dross	3600	3000
4	M/s. HBL Power Systems Ltd., Lalgadi Malakpet (V), Shameerpet (M), Rangareddy dist.	Zinc bearing waste, spent catalyst containing nickel, Cadmium, Zinc, Copper, Arsenic, Vanadium & Cobalt.	250	88.3
5	M/s Premier Alloys & Chemicals Pvt. Ltd., Plot No. F-19/B, Phase-I, IDA, Jeedimetla, Rangareddy District.	Vanadium Sludge	882	686
6	M/s Shree Ram Battery Industries, Sy. No. 339/A, Bhootpur (V&M), Mahaboobnagar District.	Lead and Lead Oxide by recycling of used lead acid batteries.	1800	1200
7	M/s Sri Padmavathi Energy Solutions (India) pvt. Ltd., Sy. No. 515/EE. 515/U, 515/A, 515/AA & 516/AE, Udityal (V), Balanagar (M), Mahaboobnagar District.	lead bearing waste including battery waste.	3529	2541
8	M/s Gemtek Industries, Sy. No. 189/2, Annaram (V), Farooqnagar (M), Mahaboobnagar District.	Zinc bearing waste, waste oil and used lead acid batteries	16000	261

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
9	M/s Supreme Batteries (P) Limited Sy. No. 76/A & 76/B, Raikal (V), Shadnagar (M), Mahaboobnagar District.	lead bearing waste including battery waste	7200	6128
10	M/s HBL Nife Power System Ltd., Sr. No. 64-67, & 77-81, Nandigaon (V) Kothur (M) Mahaboob Nagar, Dist. -509 223 (A.P).	Lead Acid Battery Plates and Lead Scrap / Ashes/Residues only	18000	6659
11	M/s Galaxy Pigments Pvt. Ltd., Macharam (V), Balanagar (M), Mahaboobnagar District	Lead acid batteries	2000	1200
12	M/s Baba Metal Industry, Chevulapally (V), farooqnagar (M), Mahaboobnagar District.	Scrap Lead Acid Batteries	306	200
13	M/s CCL Metal, 120 (aa), Chevulapally (V0, Farooqnagar (M), Mahaboobnagar District.	Scrap Lead Acid Batteries	306	150
14	M/s Etasha Batterys,Sy.no.155/1, U (part-II), Teegapur vill, Kothur Mdl. MBNR dist.,509228	Scrap Lead Acid Batteries	730	0.9
15	M/s Hyderabad Pigments Ltd,plot No:24 Part, IDA, Kothur, Mahaboobnagar Dist,509228	Lead ash bag Fillter dust	0.5	0.3
16	M/s Mittal Batteries Pvt.Ltd.,,Sy.No.24/A, APIIC, Industrial Park, Kothur(V) & (M) , Mahabubnagar Dist,509228	Scrap Lead Acid Batteries	300	158
17	M/s Mohit Traders (Formerly Sai Sneha Industries),Sy. No. 121/A, Chowalapally (V), Faroorqnagar (M), Mahabubnagar District ,509216	Lead slag from Furance	73	0.5
18	M/s Prakash Metal IndustriesPlot No: 18/A, Sy.No: 103, IDA Kothur, Kothur (V /M), Ranga Reddy district	Scrap Lead Acid Batteries	1045	1.2
19	M/s S.,R. Traders, sy no 758 chattanpalle(V) farooqnagar(m) Rangareddy Dist-509216		0.73	0.4

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
20	M/s Sheesh Mahel Industries,sy no 758 chattanpalle(V) farooqnagar(m) Rangareddy Dist-509216	Scrap Lead Acid Batteries	0.73	0.4
21	M/s Shree Unik Industries (formerly Deepak Battery Industries, Sy No 38/A, 39/A & /2 /40,Gunded (V), Balanagar (M) , Mahabubnagar Dist,509202	Scrap Lead Acid Batteries	200	0.5
22	M/s Maurya Industry Unit II, Sy.no.41/1/A, Annaram (V), Farooqnagar (M), Rangareddy District.	Lead dross	730	1.2
23	M/s. Nile Ltd., (Non-Ferrus division), Panthangi (V), Choutuppal (M), Yadadri District.	Lead manufacturing unit.	40000	6578
24	M/s. Gochem Metals & Alloys, Sy. No. 384/13/1, Bonthugutta (V), H/o. Chinthapally (V), Miryalaguda (M), Nalgonda District.	Lead recovery & Batteries	212	140
25	M/s. Akash Metal Industries, Sy No. 625 & 626, Narayanagiri (V), Pochampally (M), Yadadri District.	Lead recovery	1197	300
26	M/s. J.R.Gotech Accumulator Ltd., Narayanagiri (V), Pochampally (M), Yadadri District.	Battery unit	279	196.64
27	M/S. ZSL PRIVATE LIMITED (FORMERLY ZENSAR SUPPLIERS PRIVATE LIMITED), Plot No. 148 & 150, I.E. Medchal, Rangareddy District.	Lead ash, battery scrap and furnace oil.	18000	1000
28	M/s. Anantha Lead Private Limited, 148-150, IE Medchal, R,R, District, Andhra Pradesh - 501 401.	Used Lead Acid Batteries		
29	M/s. H.K. Industries, Plot No. 10, IDA Rampur, Dharmasagar (M), Warangal Urban District	Lead extraction activity	993.36	43.16

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
30	M/s. Sasi E Recycling Solutions, Sy No: 152 Part 157, 160 & 165, IDA, Pashamailaram, Patancheru (M), Sangareddy District	E-waste	0.05	1.99
31	M/s. Z Enviro Industries Pvt. Ltd. (formerly M/s. Z Industries), 106 & 107, Pulimamidi (V), Kandukur (M), Rangareddy District	E-waste scrap and discarded parts	10000	4500
32	M/s. Earth Sense Recycle Pvt. Ltd., Plot No. 37, APIIC Industrial Park, Mankal, Maheshwaram (M), Rangareddy District	E-Waste of electrical and electronic goods. (Containing Discarded computers & PCBs, Monitors, Capacitors, Copper wires, printers etc.), Home appliances.	10000	5500
33	M/s. Ramky-E-Waste Recycling Facility (Ramky Enviro Engineers Ltd.), Plot No.25, Hardware Park, Maheshwaram (M), Rangareddy District	E-Waste of electrical and electronic goods. (Containing Discarded computers & PCBs, Monitors, Capacitors, Copper wires, printers etc.)	10000	5000
34	M/s Nas Oil & Fuel, Sy. No. 121/a, Choulapally (V), Farooqnagar (M), Mahaboobnagar District	Used oil	4200	617
35	M/s Sri Saiganga Lubricants, Plot No. 13/3, Shed No. 4, IDA, Kothur (M), Mhaboobnagar District.	Used oil	900	190
36	M/s. Indian Tar coal company, Sy. No. 223 & 233, Plot No. 216, IDA, Phase - III, Pashamailaram (V), Patancheru (M), Sangareddy district	Waste oil	20	1125
37	M/s. Mistry Petroleum Products Pvt. Ltd., Plot No. 146 & 147, Phase – II, IDA, Pashamailaram, Patancheru (M), Sangareddy District.	Waste oil	3600	437.1

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
38	M/s. Tanu Petrochem Products Pvt. Ltd., Plot No. 238, Phase – II, IDA, Pashamailaram (V), Patancheru (M), Sangareddy District.	Waste oil	32538.48	240.065
39	M/s Sai Lakhsmi Oil & Lubes Industry, Lankasagar Cross Road, Mandalapadu (V), Penuballi (M), Khammam Dist	Reprocessing of used oils or waste oils	540	80
40	M/s Sri Satya Sai Lubricants, Plot No. 11 (Part), Industrial Estate-Paloncha, Paloncha (V&M), Khammam Dist.	Reprocessing of used oils or waste oils	270	210
41	M/s. Ranm Petro Chemicals, IDA, Kodad (M), Suryapet District.	Refining of used oils of various grades	3600	2190
42	M/s. Sri Manasa Lubricants, Sy No. 503, Devulamma Nagaram (V), Choutuppal (M), Yadadri District.	Oil reprocessing	1424	1150
43	M/s. Bhadradri traders, Sy.No. 290/VU & 290/E, Malkapur (V), Choutuppal (M), Yadadri District.	Oil reprocessing	1387	990
44	M/s. SLNS Industries, Sy.No. 754/E, Masaipet (V), Yadagirigutta (M), Yadadri District.	Processing of used oils and waste oils	6000	3100
45	M/s Smart Lubricants, Plot No. 18 7 19, APIIC, Industrial park, I.P. Kucharam, Toopran (M), Medak District.	Used oil / Waste oil	3990	1040
46	M/s Virani Company, Sy. No. 849, Medchal (V&M), Rangareddy District.	Used oil / waste oil	3000	405
47	M/s Supreme Lubricants Pvt. Ltd., Plot No. 45, IDA, Medchal, Rangareddy District.	Used oil / waste oil	21600	102
48	M/s. Lucky Oil Company, Plot No.33/A, IDA Mankhal, Rangareddy District	Base Oil & Fuel Oil	27010	7000

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
49	M/s. New Shams Lubricants, Sy.No.212/a1, Ramanaguda, Nyalata (V), Chevella (M), Rangareddy District	Recycled Oil	912.5	0
50	M/s. Sri Sai Lubricants, Plot No. 74, Rampur (V), Dharmasagar (M), Warangal District	Reprocessing of used oils or waste oils	326.59	0
51	M/s. Sri Sri Solvents, (Formerly Narayani Industries), Turkalakhanpur (V), Hathnoor (M), Sangareddy District.	Spent Solvent	78	70.5
52	M/s. Sree Leo Enterprises, Plot No.240, Phase –III, IDA, Pashamailaram, Patancheru (M), Sangareddy District.	Spent Solvent	355.44	56.69
53	M/s. Nirmala Enterprises, Plot No. D – 19, Phase – I, IDA, Pashamailaram, Patancheru (M), Sangareddy District.	Spent Solvent	387	37.59
54	M/s. Snehaa Solvents, (Formerly M/s. Premamrutha Life Sciences), Plot No. 254, Phase – II, IDA, Pashamailaram, Patancheru (M), Sangareddy District	Spent Solvent	3.5	12.07
55	M/s. Vega Life Sciences Pvt. Ltd (Formerly M/s. Jaymahima Chem Pvt. Ltd), Plot No. D-22, Phase – I, IDA, Pashamailaram, Patancheru (M), Sangareddy District	Spent Solvent	200.75	198.35
56	M/s. Lakshmi Saras Chem Tech Pvt. Ltd, (formerly M/s. Saras Chem Tech), Plot No. 276, Phase – III, IDA, Pashamailaram, Patancheru (M), Sangareddy District	Spent Solvent	26	93.1
57	M/s. Prateek Industries (Formerly M/s. Marx Chemicals), Plot No. 253, IDA, Phase – II, Pashamailaram, Sangareddy District.	Spent Solvent	79.2	67.81
58	M/s. Legend Fine Chem, Sy. No. 87/aa, Buchinelli (V), Zaheerabad(M), Sangareddy District.	Spent Solvent	84	0

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
59	M/s. Surabhi Industries, Plot No.134, Phase –III, IDA, Pashamailaram, Patancheru (M), Sangareddy District	Spent Solvent	602.25	0
60	M/s. Sri Monashi Life Sciences Pvt Ltd., Plot No. 149 & 150, Pashamailaram (V), Patancheru (M), Sangareddy District	Spent Solvent	0.06	1.25
61	M/s. Vijetha Labs Pvt. Ltd, Plot No. 216/A, Phase–II, IDA, Pashamailaram, Patancheru (M), Medak District	Spent Solvent	80.28	119.1
62	M/s. Maha Sai Fine Chemicals Hyd (P) Ltd., Plot No. 38 & 39, IDA, Bhongir (V&M), Yadadri Bhuvanagiri District.	Spent Solvent	3120	1750
63	M/s. The Trishla Chemsol, IDA, Bhongir (V&M), Yadadri Bhuvanagiri District.	Spent Solvent	5880	3250
64	M/s. Balaji Formulations Ltd., Sy No. 208/35, Ramalingampally (V), Bommalaramaram (M), Yadadri Bhuvanagiri District.	Spent Solvent	4000	1500
65	M/s Lakshmi Saraswathi Chemicals & Organics Pvt Ltd., Plot No. 8-17, Sy. No. 296/7/7, IDA, Bollaram, Jinnaram Mandal, Medak District	Spent solvents	3650	980
66	M/s Srujit Chemicals, Sy. No. 296/4/AA, IDA Bollaram, Jinnaram Mandal, Medak District 9866061222	Spent solvents	9125	1035
67	M/s Maha Sai Laboratories, (Formerly M/s Adarsh Finechem India Pvt Ltd.,), Sy. No. 182/A, Gummadidala Village, Gummadidala Mandal, Sangareddy District	Spent solvents	7300	5265

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
68	M/s Spar Labs Pvt Ltd., Sy. No. 79, Alinagar, Chetlapotharam Village, Gaddapotharam (GP), Jinnaram (M), Medak District	Spent solvents	3620	1550
69	M/s Sruthi Labs (P) Ltd., Sy. No. 409/2, Donthi Village, Shivampet Mandal, Medak District	Spent solvents	730	450
70	M/s. Sarvodaya Solvents Pvt Ltd., (Formerly M/s. Reliance Teltronic Industries), Plot No.52, Phase – I, IDA Cherlapally, Rangareddy District	Spent Solvent	1460	1177
71	M/s. TCR Chemicals Industries is located at Pl. No.153, IDA Cherlapally, R.R. District	Spent Solvent	13600	6859
72	M/s. Jayanth Pharmaceuticals (P) Ltd., Plot No.4A, Phase – I, IDA Cherlapally, Rangareddy District.	Spent Solvent	10950	582.2
73	M/s. Sesha Sai Chemicals Pvt. Ltd. Plot No. 51, Phase – I, IDA Cherlapally, Rangareddy District	Spent Solvent	6960	1194.5
74	M/s. Norton Chemical Industries, D-28, Phase-V, IDA, Jeedimetla, Rangareddy District	Spent Solvent	7200	2725
75	M/s. Murali Chemicals, 172/B, IDA Mallapur, Medchal District	Recovery of Solvent	1200	900
76	M/s. Pinakini Lifesciences Pvt. Ltd., (formerly M/s. Balaji Solvents (Unit – II)), Plot No.174, IDA Mallapur, Medchal District	Recovery of Solvent	1800	1100

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
77	M/s. N. K. Chemicals Ltd., Plot No.143/1, IDA Mallapur, Medchal District	Recovery of Solvent	18114	13000
78	M/s Sree Sai Ganesh Paper Boards (KPR Industries), IDA Paloncha, Bhadradri Kothagudem District	ETP sludge generated from Pulp & Paper industries for producing Paper Board / Mill Board / Card Board.	16200	14840
79	M/s Sri Sai Boards, MP Banjara Village, Burgampad Mandal, Bhadradri Kothagudem District			
80	M/s Sri Venkateshwara Industries, IDA Kothagudem, Bhadradri Kothagudem District			
81	M/s SV Boards, Burgampad (V&M), Khammam Dist.			
82	M/s Swaraj Packing Boards, Burgampad (V&M), Bhadradri Kothagudem District			
83	M/s Maharaja Paperboards, Yerragunta (V), Paloncha (M) , Bhadradri Kothagudem District			
84	M/s Bhavani Handmade Packing Board, Burgampad (V&M), Bhadradri Kothagudem District			
85	M/s Santhoshima Paper Boards (Foremerly known as Prabhu Paper Boards), IDA Paloncha, Bhadradri Kothagudem District			
86	M/s Sri Manikanta Enterprises, Paloncha (V&M), Bhadradri Kothagudem District			
87	M/s Sri Rajyalaxmi Industries, IE, Kothagudem, Bhadradri Kothagudem District			

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
88	M/s Sruthi Industries, IDA, Paloncha, Bhadradri Kothagudem District			
89	M/s Sri Sainath Enterprises (Formerly Known as Padmalaya industries), Plot No.10,IDA, Paloncha, Bhadradri Kothagudem District			
90	M/s SriLaxmi Enter Premises, Seetanagar, Somulaugudem(v), Palvancha (M), Bhadradri Kothagudem District			
91	M/s R.R. Pulp Packages, Laxmipuram Village, Burgampad Mandal, Bhadradri Kothagudem District			
92	M/s Sri Venkateswara Boards, MP Banjara (V), Burgampadu (M), Bhadradri Kothagudem District			
93	M/s Harshini Paper Boards, IDA New Paloncha, Bhadradri Kothagudem District			
94	M/s Sree Venkateswara Industries (Formerly known as Ashoka Packages), Laxmipuram (V), Burgampad (M), Bhadradri Kothagudem District			
95	M/s Sri Adi Parashkti Boards, Indistrial Park, Paloncha (V&M), Bhadradri Kothagudem District			
96	M/s Sri Laxmi Narasimha Egg Trays Industries (Formerly known as RR Pulp and Handmade Paper Board Industries), Morampally Banjar (V), Burgampad (M), Bhadradri Kothagudem District			
97	M/s Laxmi Paper Boards, Pusugudem (V), Paloncha (M), Bhadradri Kothagudem District			

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
98	M/s Sri Sai Ram Boards, Sanjeeva Reddypalem (V), Burgampad (M), Bhadradri Kothagudem District			
99	M/s Mahalaxmi Industries, Laxmipuram (V), Burgampad (M), Bhadradri Kothagudem District			
100	M/s Sri Padmalaya Paper Board, Industrial Park, Kothagudem (V&M), Bhadradri Kothagudem District			
101	M/s Vidya Mill Board Industry, Sarapaka (V), Burgampad (M), Bhadradri Kothagudem District			
102	M/s Sri Vijaya Durga Paper Board Industry, IDA Paloncha (V&M), Bhadradri Kothagudem District			
103	M/s Mahalaxmi Industries (Expansion), Sy.No. 455/23/1, Laxmipuram (V), Burgampad (M), Bhadradri Kothagudem District			
104	M/s Sai Laxmi Industries, Plot No. 3B (part), IDA, Paloncha (V&M), Khammam District			
105	M/s Mahalaxmi Industry, Sy. No. 455/23/1/1, Laxmipuram (V), Burgampad (M), Khammam District			
106	M/s Mythili Egg Tray Industry, Sy.No. 481/AA, Laxmipuram (V), Burgampahad (M), Bhadradri Kothagudem District.			
107	M/s Sri Rama Egg Tray Industry, Sy.No. 480/A, Laxmipuram (V), Burgampahad (M), Bhadradri Kothagudem District.			
108	M/s Sri Laxmi Narasimha Egg Tray Industry, Sy.No. 460/AA1, Laxmipuram (V), Burgampahad (M), Bhadradri Kothagudem District.			
109	M/s Sri S.S. Pulp Egg Tray Industry, Sy.No. 437/A, Laxmipuram (V), Burgampahad (M), Bhadradri Kothagudem District.			

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
110	M/s. The India Cements Ltd., (Plant & Waste Heat recovery Power Plant), Vishnupuram, Wadapally (V), Damarcherla (M), Nagonda District.	Cement	61840	2250.7
111	M/s. Sagar Cements Ltd. (Plant), Mattampally (M), Suryapet District.	Cement	16036	427
112	M/s. NCL Industries Ltd. (Cement Division), Mattapally (V), Mattampally (M), Suryapet District.	Cement	19204.2	0
113	M/s. My Home Industries (P) Ltd. (Unit I, II & III), (PLANT) Mellacheruvu (V&M), Suryapet District.	Cement	575195.6	13858
114	M/s. Keerthi Industries Ltd. (Plant), (Suvarna Cements Ltd), Mellacheruvu (V&M), Suryapet District.	Cement	24000.36	665.3
115	M/s. Zuari Cements Ltd., (Sri Vishnu Cements Ltd.,) (Plant), Sitapuram, Dondapadu (V), Chintalapallem (M), Suryapet District.	Cement	36002.1	18708.7
116	M/s. Anjani Portland Cements Ltd. (Plant), Sy No. 226, Chintapalaem (V&M), Suryapet District.	Cement	123350	19795
117	M/s Orient Cement Ltd.,{Formerly Orient Cement,(Prop. : Orient Paper & Industries Ltd.,)}Devapur Cement Works (PO), Devapur Village, Kasipet Mandal, Mancherial District D8	Carbon black	60000	1569.213
118	M/s. Kesoram Cements, Basanth nagar, Palakurthy (M), Peddapalli District	Cement	16800	0
119	M/s. The India Cements Limited, P.B.No.7, Sy.No.51, Malkapur (V), Tandur (M), Vikarabad District	Different types of hazardous waste having calorific value more than 2500 K.Cal	8500	4291.6

Table 28(h): Telangana-Details of Hazardous waste disposed in Common TSDF(s)

S. N	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Hyderabad Waste Management Project (TSDF & AFRF) Sy No. 684/1, Dundigal, Quthubullapur (M), Medchal-Malkajgiri Dist.	152.378	1215.88	10354	104618.0	2752.1	10354	104616	3387	1660	154.404	581.40	114970	5.5	1.5	25 years life
1	M/s GEPIL Infrastructure Pvt. Ltd., Plot No. 28-30, Industrial park, Rakarncheria, Pudur (M), Vikarabad Dist.	0	510	0	0	4265	0	0	0	4294	0	481	0	INP	INP	0

Table 28(i): Telangana-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill (MT/A)		
Nil	Nil	Nil	Nil	Nil	Nil	Nil

INP: Information Not Provided

29.
TRIPURA
(Hazardous waste generation and its Management)

Table 29(a): Tripura-Details of Hazardous waste Generation

S. No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Gomti	24	0	0	18.45	1.3	0	0	18.45	0.56	0	0
2	South Tripura	11	0	0	3.67	0	0	0	3.67	0	0	0
3	Unokuti	14	0	0	4.12	0	0	0	4.12	0	0	0
4	North Tirpura	19	0	0	8.94	0	0	0	8.94	0	0	0
5	Dhalai	8	0	0	2.12	0	0	0	2.12	0	0	0
6	Khowai	8	0	0	2.12	0	0	0	2.12		0	0
7	Sepahijala	21	0	0	87.6	1.76	0	0	87.6	1.04	0	0
8	West Tripura	66	4.5	4	146.74	1.86	4.5	4	134.64	0.86	0	0
	Total	**171**	**4.5**	**4**	**273.76**	**4.92**	**4.5**	**4**	**261.66**	**2.46**	**0**	**0**

Table 29(b): Tripura- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	0	0	Assam	4.5
2	For disposal at common Incinerator	0	0	Assam	4
3	For recycling by Schedule IV recyclers	0	0	Assam	261.66

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
4	For utilization in co-processing (cement plants)	0	0	0	0
5	For utilization under Rule 9 (other than co-processing)	0	0	Assam	2.46

Table 29(c): Tripura-Details on Hazardous Waste Recycled and Utilized

S. N.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Gomti	0	0	0	0	0	0	0	0
2	South Tripura	0	0	0	0	0	0	0	0
3	Unokuti	0	0	0	0	0	0	0	0
4	North Tirpura	0	0	0	0	0	0	0	0
5	Dhalai	0	0	0	0	0	0	0	0
6	Khowai	0	0	0	0	0	0	0	0
7	Sepahijala	0	0	0	0	0	0	0	0
8	West Tripura	0	0	0	0	0	0	0	0
	Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Table 29(d): Tripura-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Gomti	0	0	0	0	0	0	0	0
2	South Tripura	0	0	0	0	0	0	0	0
3	Unokuti	0	0	0	0	0	0	0	0
4	North Tirpura	0	0	0	0	0	0	0	0
5	Dhalai	0	0	0	0	0	0	0	0
6	Khowai	0	0	0	0	0	0	0	0
7	Sepahijala	0	0	0	0	0	0	0	0
8	West Tripura	0	4.5	0	4	0	0	0	0
	Total	**0**	**4.5**	**0**	**4**	**0**	**0**	**0**	**0**

Table 29(e): Tripura-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Gomti	0	0	0	0	0	0	0	0
2	South Tripura	0	0	0.67	0	0	0	0	0
3	Unokuti	0	0	0.12	0	0	0	0	0
4	North Tirpura	0	0	0.94	0	0	0	0	0
5	Dhalai	0	0	0.12	0	0	0	0	0
6	Khowai	0	0	0.15	0	0	0	0	0
7	Sepahijala	0	4	3.1	0	0	0	0	0
8	West Tripura	4.5	0	3.65	0	0	0	12.1	0
	Total	**4.5**	**4**	**12.1**	**0**	**0**	**0**	**12.1**	**0**

Table 29(f): Tripura-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
8	Used oil	0	273.76	261.66
9	Waste Oil			
	Total	0	273.76	261.66
B	**Utilization of HW under Rule 9**			
12	De-contamination of contaminated drums/containers/ barrels	0	4.92	2.46
	Total		4.92	2.46
C	**Co-processing in Cement Plants**	0	0	0

Table 29(g): Tripura-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	Sending waste to M/s Assam Petro Chem, Guwahati	1) Discarded containers 2) Waste oil/ used oil		Total 264.12 MTA

Table 29(h): Tripura-Details of Hazardous waste disposed in Common TSDF(s)

S. N	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Table 29(i): Tripura-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill (MT/A)		
Nil	Nil	Nil	Nil	Nil	Nil	Nil

30.
UTTAR PRADESH
(Hazardous waste generation and its Management)

Table 30(a): Uttar Pradesh-Details of Hazardous waste Generation

S. N.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Kanpur Nagar	354	11480.0625	0	785.675	0	9184.05	0	628.54	0	0	0
2	Farrukhabad	21	8.125	0	0	0.688	6.5	0	0	0.55	0	0
3	Kanpur Dehat	28	3184.44	2787.51	0	1312.5	2547.552	2230.008	0	1050	0	0
4	Jhansi	10	1.125	100	205.638	0	0.9	80	164.51	0	0	0
5	Lalitpur	2	0	1.38	0	0	0	1.104	0	0	0	0
6	Jalaun	3	75	14.675	0	0	60	11.74	0	0	0	0
7	Hamirpur	4	119.35	0	0	66.75	95.48	0	0	53.4	0	0
8	Meerut	96	1935.80875	0	1057.5	358.781	1548.647	0	846	287.025	0	0
9	Baghpat	35	28.54	0	0	2.275	22.832	0	0	1.82	0	0
10	Muzaffernagar	80	3281.25	0	3.5	22.5	2625	0	2.8	18	0	0
11	Shamli	10	399	0	0	6.875	319.2	0	0	5.5	0	0
12	Bulandshahar	86	343.8	134	15.538	2250	275.04	107.2	12.43	1800	0	0
13	Badaun	2	3	0	0	0	2.4	0	0	0	0	0
14	Agra	49	23.25875	0	1125	0	18.607	0	900	0	0	0
15	Aligarh	26	11.25	0	174.875	0	9	0	139.9	0	0	0
16	Etha	2	0.75	0	1.25	0	0.6	0	1	0	0	0
17	Kashganj	2	0.002	0	0.65	0	0.002	0	0.52	0	0	0
18	Hathras	5	175.9	0	17.125	0	140.72	0	13.7	0	0	0
19	Mathura	104	505.43125	0	56.25	0	404.345	0	45	0	0	0

S. N.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
20	Noida	281	1289.275	109.514	792.178	0	1031.42	87.611	633.742	0	0	0
21	Greater Noida	147	3762.17	1981.113	1057.938	0	3009.736	1584.89	846.35	0	0	0
22	Hapur	32	1825.2375	547.5	10784.95	0	1460.19	438	8627.96	0	0	0
23	Ghaziabad	357	7120.50375	3214.345	39662.961	720.575	5696.403	2571.476	31730.369	576.46	0	0
24	Allahabad	11	6355.36	2.35	2083.813	7997	5084.288	1.88	1667.05	6397.6	0	0
25	Fatehpur	11	2105.5	156	184.75	0	1684.4	124.8	147.8	0	0	0
26	Lucknow	21	1908.8	0.25	11.5	0	1527.04	0.2	9.2	0	0	0
27	Sitapur	8	187.75	29.538	7.5	2.5	150.2	23.63	6	2	0	0
28	Barahbanki	8	14.64	430	0	29.538	11.712	344	0	23.63	0	0
29	Lukhimpur	9	0	53.55	0	53.55	0	42.84	0	42.84	0	0
30	Raebareli	8	2.1	0	747.796	0	1.68	0	598.237	0	0	0
31	Amethi	12	64.95	0	385.25	0	51.96	0	308.2	0	0	0
32	Sultanpur	1	0	1.25	0	1.25	0	1	0	1	0	0
33	Unnao	93	9242.3375	0	346.625	4.938	7393.87	0	277.3	3.95	0	0
34	Hardoi	13	1106.875	5.5	1363.563	5.5	885.5	4.4	1090.85	4.4	0	0
35	Varanasi	4	60.75	0	3816.25	675	48.6	0	3053	540	0	
36	Bhadohi	30	36.25	0	0	0	29	0	0	0	0	0
37	Jaunpur	6	33.75	0	0	5	27	0	0	4	0	
38	Chandauli	10	8.125	0	0	37.5	6.5	0	0	30	0	0
39	Faizabad	5	51.875	11.5	850.088	10	41.5	9.2	680.07	8	0	
40	Ambedkar Nagar	3	0	3.75	55.643	0	0	3	44.514	0	0	0

S. N.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
41	Gonda	8	0.04	22.751	0	0	0.032	18.201	0	0	0	0
42	Bahraich	6	0.2625	8.25	0	0	0.21	6.6	0	0	0	0
43	Basti	3	0	62.125	0	0	0	49.7	0	0	0	0
44	Sant Kabir Nagar	2	0	4.95	0	0	0	3.96	0	0	0	0
45	Balrampur	4	0	46.125	0	0	0	36.9	0	0	0	0
46	Firozabad	4	6.55	0	0	0	5.24	0	0	0	0	0
47	Etawa	2	0.25	0	2.5	0	0.2	0	2	0	0	0
48	Azamgarh	1	0	2.5	0	0	0	2	0	0	0	0
49	Mau	3	0	4.875	0	0	0	3.9	0	0	0	0
50	Deoria	7	0	10.75	0	10.75	0	8.6	0	8.6	0	0
51	Gorakhpur	16	455	474.625	4225.613	0	364	379.7	3380.49	0	0	0
52	Kushinagar	5	0	35.25	0	0	0	28.2	0	0	0	0
53	Maharajganj	2	0	12.75	0	0	0	10.2	0	0	0	0
54	Amroha	29	142.2125	5079.644	94.163	51334	533.77	4063.715	75.33	41067.2	0	0
55	Bijnor	27	0	45.25	0	1908.5	0	36.2	0	1526.8	0	0
56	Moradabad	125	174.85625	6.125	10.494	0	139.885	4.9	8.395	0	0	0
57	Rampur	9	13.0625	9.5	1.25	0	10.45	7.6	1	0	0	0
58	Sambhal	6	3283.125	7.5	0.063	0	2626.5	6	0.05	0	0	0
59	Bareilly	20	822.325	25.113	112.5	3799.838	657.86	20.09	90	3039.87	0	0
60	Piliphit	8	0	462.5	3446.875	0	0	370	2757.5	0	0	0
61	Shahjahanpur	18	0	0	400	7407.305	0	0	320	5925.844	0	0

S. N.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
62	Sonbhadra	17	2625.2375	0	246.938	1836.415	2100.19	0	197.55	1469.132	0	0
63	Mirzapur	22	230.5	0	0	6275.375	184.4	0	0	5020.3	0	0
64	Saharanpur	30	6155.995	21.375	0	52570.25	4924.796	17.1	0	42056.2	0	
65	Auraiya	3	418.1875	1963.75	0	0	334.55	1571	0	0	0	0
	Total	**2366**	**71079.945**	**17889.433**	**74134.202**	**138705.1**	**57283.957**	**14311.545**	**59307.357**	**110964.12**	**0**	**0**

Table 30(b): Uttar Pradesh- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	Nil	Nil	Nil	Nil
2	For disposal at common Incinerator	Biahr- 55.408 J&K- 390.59 Punjab-1335.64	Nil	Nil	Nil
3	For recycling by Schedule IV recyclers	Nil	Nil	Nil	Nil
4	For utilization in co-processing (cement plants)	Nil	Nil	Nil	Nil
5	For utilization under Rule 9 (other than co-processing)	Nil	Nil	Nil	Nil

Table 30(c): Uttar Pradesh-Details on Hazardous Waste Recycled and Utilized

S. N.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Kanpur Nagar	628.54	0	0	0	0	0	0	0
2	Farrukhabad	0	0	0	0.55	0	0	0	0
3	Kanpur Dehat	0	0	1050	0	0	0	0	0
4	Jhansi	164.51	0	0	0	0	0	0	0
5	Lalitpur	0	0	0	0	0	0	0	0

S. N.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
6	Jalaun	0	0	0	0	0	0	0	0
7	Hamirpur	0	0	50	3.4	0	0	0	0
8	Meerut	846	0	0	287.025	0	0	0	0
9	Baghpat	0	0	0	1.82	0	0	0	0
10	Muzaffarnagar	2.8	0	0	18	0	0	0	0
11	Shamli	0	0	0	5.5	0	0	0	0
12	Bulandshahar	12.43	0	0	1800	0	0	0	0
13	Badaun	0	0	0	0	0	0	0	0
14	Agra	900	0	0	0	0	0	0	0
15	Aligarh	139.9	0	0	0	0	0	0	0
16	Etha	1	0	0	0	0	0	0	0
17	Kashganj	0.52	0	0	0	0	0	0	0
18	Hathras	13.7	0	0	0	0	0	0	0
19	Mathura	45	0	0	0	0	0	0	0
20	Noida	633.742	0	0	0	0	0	0	0
21	Greater Noida	846.35	0	0	0	0	0	0	0
22	Hapur	8627.96	0	0	0	0	0	0	0
23	Ghaziabad	31730.369	0	0	26.46	0	0	0	0
24	Allahabad	1667.05	0	1397.6	5000	0	0	0	0
25	Fatehpur	147.8	0	0	0	0	0	0	0
26	Lucknow	9.2	0	0	0	0	0	0	0

S. N.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
27	Sitapur	6	0	0	2	0	0	0	0
28	Barahbanki	0	0	0	23.63	0	0	0	0
29	Lakhimpur	0	0	0	42.84	0	0	0	0
30	Raebareli	598.237	0	0	0	0	0	0	0
31	Amethi	308.2	0	0	0	0	0	0	0
32	Sultanpur		0	0	1	0	0	0	0
33	Unnao	277.3	0	0	3.95	0	0	0	0
34	Hardoi	1090.85	0	0	4.4	0	0	0	0
35	Varanasi	3053	0	540	0	0	0	0	0
36	Bhadohi	0	0	0	0	0	0	0	0
37	Jaunpur	0	0	0	4	0	0	0	0
38	chandauli	0	0	0	30	0	0	0	0
39	Faizabad	680.07	0	0	8	0	0	0	0
40	Ambedkar nagar	44.514	0	0	0	0	0	0	0
41	Gonda	0	0	0	0	0	0	0	0
42	Bahraich	0	0	0	0	0	0	0	0
43	Basti	0	0	0	0	0	0	0	0
44	Sant kabir nagar	0	0	0	0	0	0	0	0
45	Balrampur	0	0	0		0	0	0	0
46	Firozabad	0	0	0	0	0	0	0	0

S. N.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
47	Etawa	2	0	0	0	0	0	0	0
48	Azamgarh	0	0	0		0	0	0	0
49	Mau	0	0	0		0	0	0	0
50	Devaria	0	0	0	8.6	0	0	0	0
51	Gorakhpur	3380.49	0	0	0	0	0	0	0
52	Kushinagar	0	0	0		0	0	0	0
53	Maharajganj	0	0	0		0	0	0	0
54	Amroha	75.33	0	40000	1067.2	0	0	0	0
55	Bijnore	0	0	0	1526.8	0	0	0	0
56	Moradabad	8.395	0	0		0	0	0	0
57	Rampur	1	0	0		0	0	0	0
58	Sambhal	0.05	0	0		0	0	0	0
59	Bareily	90	0	3027.07	12.8	0	0	0	0
60	Piliphit	2757.5	0	0		0	0	0	0
61	Shahjahanpur	320	0	0	5925.844	0	0	0	0
62	Sonbhadra	197.55	1000	469.132	0	0	0	0	0
63	Mirzapur	0	0	0	5020.3	0	0	0	0
64	Saharanpur	0	0	0	42056.2	0	0	0	0
65	Auraiya	0	0	0	0	0	0	0	0
	Total	**59307.357**	**1000**	**47083.802**	**62880.319**	**0**	**0**	**0**	**0**

Table 30(d): Uttar Pradesh-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Kanpur Nagar	9184.05	0	0	0	0	0	0	0
2	Farrukhabad	6.5	0	0	0	0	0	0	0
3	Kanpur Dehat	2547.552	0	2218.358	11.65	0	0	0	0
4	Jhansi	0.9	0	80	0	0	0	0	0
5	Lalitpur	0	0	1.104	0	0	0	0	0
6	Jalaun	60	0	11.74	0	0	0	0	0
7	Hamirpur	95.48	0	0	0	0	0	0	0
8	Meerut	1548.647	0	0	0	0	0	0	0
9	Baghpat	22.832	0	0	0	0	0	0	0
10	Muzaffarnagar	2625	0	0	0	0	0	0	0
11	Shamli	319.2	0	0	0	0	0	0	0
12	Bulandshahar	275.04	0	107.2	0	0	0	0	0
13	Badaun	2.4	0	0	0	0	0	0	0
14	Agra	18.607	0	0	0	0	0	0	0
15	Aligarh	9	0	0	0	0	0	0	0
16	Etha	0.6	0	0	0	0	0	0	0
17	Kashganj	0.0016	0	0	0	0	0	0	0
18	Hathras	140.72	0	0	0	0	0	0	0
19	Mathura	404.345	0	0	0	0	0	0	0
20	Noida	1031.42	0	87.611	0	0	0	0	0
21	Greater Noida	3009.736	0	1584.89	0	0	0	0	0
22	Hapur	1460.19	0	438	0	0	0	0	0

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
23	Ghaziabad	5696.403	0	2571.476	0	0	0	0	0
24	Allahabad	5084.288	0	1.88	0	0	0	0	0
25	Fatehpur	1684.4	0	124.8	0	0	0	0	0
26	Lucknow	1527.04	0	0.2	0	0	0	0	0
27	Sitapur	150.2	0	23.63	0	0	0	0	0
28	Barahbanki	11.712	0	344	0	0	0	0	0
29	Lakhimpur	0	0	42.84	0	0	0	0	0
30	Raebareli	1.68	0	0	0	0	0	0	0
31	Amethi	51.96	0	0	0	0	0	0	0
32	Sultanpur	0	0	1	0	0	0	0	0
33	Unnao	7393.87	0	0	0	0	0	0	0
34	Hardoi	885.5	0	4.4	0	0	0	0	0
35	Varanasi	48.6	0	0	0	0	0	0	0
36	Bhadohi	29	0	0	0	0	0	0	0
37	Jaunpur	27	0	0	0	0	0	0	0
38	chandauli	6.5	0	0	0	0	0	0	0
39	Faizabad	41.5	0	9.2	0	0	0	0	0
40	Ambedkar nagar	0	0	3	0	0	0	0	0
41	Gonda	0.032	0	18.201	0	0	0	0	0
42	Bahraich	0.21	0	6.6	0	0	0	0	0
43	Basti	0	0	49.7	0	0	0	0	0
44	Sant kabir nagar	0	0	3.96	0	0	0	0	0

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
45	Balrampur	0	0	36.9	0	0	0	0	0
46	Firozabad	5.24	0	0	0	0	0	0	0
47	Etawa	0.2	0	0	0	0	0	0	0
48	Azamgarh	0	0	2	0	0	0	0	0
49	Mau	0	0	3.9	0	0	0	0	0
50	Devaria	0	0	8.6	0	0	0	0	0
51	Gorakhpur	364	0	379.7	0	0	0	0	0
52	Kushinagar	0	0	28.2	0	0	0	0	0
53	Maharajganj	0	0	10.2	0	0	0	0	0
54	Amroha	113.77	420	1325.715	2738	0	0	0	0
55	Bijnore	0	0	36.2	0	0	0	0	0
56	Moradabad	139.885	0	4.9	0	0	0	0	0
57	Rampur	10.45	0	7.6	0	0	0	0	0
58	Sambhal	2626.5	0	6	0	0	0	0	0
59	Bareily	657.86	0	20.09	0	0	0	0	0
60	Piliphit	0	0	370	0	0	0	0	0
61	Shahjahanpur	0	0	0	0	0	0	0	0
62	Sonbhadra	2100.19	0	0	0	0	0	0	0
63	Mirzapur	184.4	0	0	0	0	0	0	0
64	Saharanpur	4924.796	0	17.1	0	0	0	0	0
65	Auraiya	334.55	0	1571	0	0	0	0	0
	Total	**56863.9566**	**420**	**11561.895**	**2749.65**	**0.00**	**0.00**	**0.00**	**0.00**

Table 30(e): Uttar Pradesh-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Kanpur Nagar	109.2							
2	Farrukhabad	0							
3	Kanpur Dehat	669.215							
4	Jhansi	5.3							
5	Lalitpur	0.5							
6	Jalaun	0.24							
7	Hamirpur	0							
8	Meerut	16.341							
9	Baghpat	0.984							
10	Muzaffarnagar	1740							
11	Shamli	0							
12	Bulandshahar	0							
13	Badaun	0							
14	Agra	0.68							
15	Aligarh	3.74							
16	Etha	0.175							
17	Kashganj	0.3							
18	Hathras	0							
19	Mathura	0							
20	Noida	91.7745							
21	Greater Noida	416.009							
22	Hapur	11							
23	Ghaziabad	1320.459							
24	Allahabad	0							

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
25	Fatehpur	0							
26	Lucknow	0							
27	Sitapur	0							
28	Barahbanki	0							
29	Lakhimpur	0							
30	Raebareli	0							
31	Amethi	0							
32	Sultanpur	0							
33	Unnao	0							
34	Hardoi	0.6							
35	Varanasi	0							
36	Bhadohi	0							
37	Jaunpur	0							
38	chandauli	0							
39	Faizabad	0							
40	Ambedkar nagar	0							
41	Gonda	0							
42	Bahraich	0							
43	Basti	0							
44	Sant kabir nagar	0							
45	Balrampur	0							
46	Firozabad	0							
47	Etawa	0							

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
48	Azamgarh	0							
49	Mau	0							
50	Devaria	0							
51	Gorakhpur	0							
52	Kushinagar	0							
53	Maharajganj	0							
54	Amroha	0.6							
55	Bijnore	0							
56	Moradabad	0							
57	Rampur	0							
58	Sambhal	0							
59	Bareily	169							
60	Piliphit	0							
61	Shahjahanpur	8							
62	Sonbhadra	0							
63	Mirzapur	0							
64	Saharanpur	0							
65	Auraiya	0							
	Total	4564.1175							

Table 30(f): Uttar Pradesh-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

S.No	Type of Recycling Facilities	No of Facilities authorized for recycling / utilization / Co-processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT) during the year
A	**Commonly Recyclable HW**			
1	Brass Dross	5	3756.66	2253.95
2	Zinc Bearing Wastes	18	10817.46	4713.95
3	Copper Bearing Waste	12	3940.37	2437.68
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	1	2.3	2.3
5	Lead bearing waste including battery waste	104	68373.5	34774.12
6	E-Waste	10	27715	1532.393
7	Paint and ink Sludge/residues			
8	Used oil	23	35430.942	12313.564
9	Waste Oil	2	205.776	204.8
10	Chrome containig sludge	4	1074.6	1074.6
11	Carbonic residues	1	120	0
	Total	**180**	**151436.608**	**59307.357**
B	**Utilization of HW under Rule 9**			
1	Recovery of solvents from spent solvents	1	40000	40000
2	Utilization of Spent Catalyst - to recover - Platinum, Iridium, Osmium, Palladium, Rhodium, Ruthium, Rhenium, Gold & Silver	1	197.6	197.6
3	Utilization of Used Anode Butt to produce Carbon Pellets and High Energy (HE) Coke for use in Steel furnaces/foundries.	1	448.832	448.832
4	De-contamination of contaminated drums/containers/ barrels	14	4677.59	4677.07
5	Captive Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal	4	1760.3	1760.3
6	Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal			
	Total	21	47084.322	47083.802
C	**Co-processing in Cement Plants**	1	1000	1000

Table 30(g): Uttar Pradesh-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s A.R.METAL, B-13 DADA NAGAR KANPUR	Schedule 4 (S.No. 17)	240	6
2	M/s AJAI ENTERPRISES, E-21 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	135	4.8
3	M/s AJAI ENTERPRISES, G-8 SITE-5 IND. AREA PANKI KNP.	Schedule 4 (S.No. 17)	75	2.4
4	M/s AKHILESH METAL, F-24 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	112.5	3.6
5	M/s Amar Enterpriese , F-38 PANKI SITE-5, Panki, Kanpur	Schedule 4 (S.No. 17)	60	1.56
6	M/s AMAR METAL, F-38 PANKI SITE-5, Panki, Kanpur	Schedule 4 (S.No. 17)	150	4.8
7	M/s Anandeshwar Metal, D-38 Site 5 Panki , Kanpur	Schedule 4 (S.No. 17)	150	4.8
8	M/s ANIL MEATL WORKS (KRISHNA METAL), F-8 SITE-3 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	150	4.8
9	M/s ANIL METAL, MTC D-21 PANKI SITE-3	Schedule 4 (S.No. 17)	165	5.4
10	M/s ANIL METAL, D-4 SITE-3 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	150	4.8
11	M/s BADDKAU, A-1 DADA NAGAR (NAHARIYA), Kanpur	Schedule 4 (S.No. 17)	60	1.56
12	M/s BANSAL & BANSAL, F-63 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	165	5.4
13	M/s Bhatia Metal, G-16 Site5, Panki , Kanpur	Schedule 4 (S.No. 17)	240	6

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
14	M/s CHAHAT METAL WORKS, 2 NAURAIYAKHEDA SITE-5 PANKI	Schedule 4 (S.No. 17)	150	4.8
15	M/s DINESH METAL CO., G-117SITE-3 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	150	4.8
16	M/s DURGA METAL, B/2-13 DADA NAGAR KANPUR	Schedule 4 (S.No. 17)	150	4.8
17	M/s GOLD BATTERY, D-24 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	270	7.2
18	M/s GURUDEV INTERPRISES, A-1/7 DADA NAGAR KANPUR	Schedule 4 (S.No. 17)	105	3
19	M/s HARSH BAT. & METAL, A-1/37 DADA NAGAR KANPUR	Schedule 4 (S.No. 17)	150	4.8
20	M/s HARSH METAL, MTC D-5 PANKI SITE-3, Kanpur	Schedule 4 (S.No. 17)	150	4.8
21	M/s Harshit Metal Ind., G-34 Site 1 Panki , Kanpur	Schedule 4 (S.No. 17)	105	3
22	M/s HARSHIT BATTERY & METAL, D-5, MTC. SITE-3	Schedule 4 (S.No. 17)	112.5	3.6
23	M/s Krishna Metal works, F- 8, Site--3 panki , Kanpur	Schedule 4 (S.No. 17)	330	9.6
24	M/s KUMAR BATTERY, G-66 SITE-3 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	240	6
25	M/s Laxmi Ind., F 71 Site 5 Panki , Kanpur	Schedule 4 (S.No. 17)	90	2.4
26	M/s LAXMI METAL, D-113,114 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	240	6
27	M/s LUCKY BATTERY WORKS(VEEJA), G-64 SITE-3 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	150	4.8

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
28	M/s M.T.V. METAL., MTC D-26 PANKI SITE-3, Kanpur	Schedule 4 (S.No. 17)	240	6
29	M/s MADAN METAL, B-33 DADA NAGAR KANPUR	Schedule 4 (S.No. 17)	240	6
30	M/s MAHENDRA INTERPRISES, E-64 PANKI SITE-5, Kanpur	Schedule 4 (S.No. 17)	165	5.4
31	M/s MANOJ METAL IND., K-14, 15SITE-3 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	1200	36
32	M/s MAYANK METAL CO., D-82 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	240	6
33	M/s NARYAN METAL CO., G-40 SITE-3 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	90	2.4
34	M/s Niraj Ind. , E-83 Site 5 Panki , Kanpur	Schedule 4 (S.No. 17)	90	2.4
35	M/s OOMMI, A-1 DADA NAGAR (NAHARIYA), Kanpur	Schedule 4 (S.No. 17)	90	2.4
36	M/s PATEL AND SONS, MTC-D-16 PANKI SITE-3	Schedule 4 (S.No. 17)	112.5	3.6
37	M/s PATEL METAL CO., MTC -135 PANKI SITE-3	Schedule 4 (S.No. 17)	112.5	3.6
38	M/s RAGHAV IND., MTC D-6 PANKI SITE-3	Schedule 4 (S.No. 17)	112.5	3.6
39	M/s RAJ & SONS, A-1/34 DADA NAGAR KANPUR	Schedule 4 (S.No. 17)	112.5	3.6
40	M/s Raj Brothers, G-11 SITE- 5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	165	4.8
41	M/s RAJENDRA JAISWAL, A-1 DADA NAGAR (NAHARIYA)	Schedule 4 (S.No. 17)	112.5	3.6
42	M/s RAJENDRA METAL WORKS, G-7 SITE-5 IND. AREA PANKI KNP.	Schedule 4 (S.No. 17)	240	6
43	M/s RAM LAL, A-1 DADA NAGAR (NAHARIYA)	Schedule 4 (S.No. 17)	240	6

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
44	M/s RAMA METAL CO., E-63 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	240	6
45	M/s RAMA METAL IND., J-30 SITE-3 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	240	6
46	M/s RAMESH INTERPRIES, E-83 B SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	240	6
47	M/s S.R. (SURAJ) METAL WORKS, G-32 SITE-3 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	90	2.4
48	M/s S.S.INTERNATIONAL, D-103 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	112.5	3.6
49	M/s AHARA METAL WORKS, SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	165	4.8
50	M/s Sai Metal works, H-59 Site-1 ,Panki , Kanpur	Schedule 4 (S.No. 17)	180	5.4
51	M/s SANJAY METAL, MTC D-26 PANKI SITE-3	Schedule 4 (S.No. 17)	135	4.2
52	M/s SANJAY METAL, D-38 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	660	18
53	M/s SANJAY METAL WORKS, G-5 SITE-5 IND. AREA PANKI KNP.	Schedule 4 (S.No. 17)	660	18
54	M/s SARVESH METAL, D-108 SITE-5 PANKI	Schedule 4 (S.No. 17)	112.5	3.6
55	M/s LAXMI IND (SATGURU CHEMICAL), E-72 SITE-5 IND.AREA PANKI KNP	Schedule 4 (S.No. 17)	240	6
56	M/s HANKAR METAL WORK, F-19 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	240	6
57	M/s SHANTI METAL, D-88 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	90	2.4
58	M/s SHARDA BATTERY, G-65 SITE-3 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	90	2.4

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
59	M/s SHIV SHAKTI (SUBHASH) METAL, G-31 SITE-3 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	90	2.4
60	M/s SHIWAM BATTERV, MTC D-15 PANKI SITE-3	Schedule 4 (S.No. 17)	180	5.4
61	M/s SIHIV SNANKER BATTERY, D-18 PANKI SITE 3	Schedule 4 (S.No. 17)	180	5.4
62	M/s SONY PRODUCT, D-42 SITE-4 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	240	6
63	M/s SHARDA METAL WORKS, SITE-5,	Schedule 4 (S.No. 17)	270	7.2
64	M/s SURENDRA METAL WORKS, D-75 SITE-4 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	165	4.2
65	M/s VIJAY METAL WORK, F-30 SITE-5 IND.AREA PANKI KNP.	Schedule 4 (S.No. 17)	180	5.4
66	M/s VINOD PRAJAPATI, A-1 DADA NAGAR (NAHARIYA)	Schedule 4 (S.No. 17)	105	3
67	M/s VIRENDRA METAL, E-70 SITE-5 IND.AREA PANKI KNP	Schedule 4 (S.No. 17)	150	4.2
68	M/s YADAY METAL, A-1 DADA NAGAR (NAHARIYA)	Schedule 4 (S.No. 17)	150	4.2
69	M/s Miniral Oil Corp., Site 1, Panki, Kanpur	Schedule 4 (S.No. 20)	366	135
70	M/s Bharat Oil Corp., Site 1, Panki, Kanpur	Schedule 4 (S.No. 20)	330	121.5
71	M/s Jajmau Petro Chem, Jajmau, Kanpur	Schedule 4 (S.No. 20)	0.36	0.36
72	M/s Venus Oil Corp., Site 3, Panki, Kanpur	Schedule 4 (S.No. 20)	1.2	1.2
73	M/s Phonix Oil Corp., Site 3, Panki, Kanpur	Schedule 4 (S.No. 20)	0.36	0.36
74	M/s Hari Metal & Chemical Industries, Bandi Mata Road, Chaubeypur, Kanpur	Schedule 4 (S.No. 14)	600	0.5

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
75	M/s Bhagwati Metal & Chemicals, H-16, 22, Site-1, Panki Ind. Area, Kanpur	Schedule 4 (S.No. 14)	4000	0.5
76	M/s Allien Oil Corporation, Industrial Area Partapur , Meerut	Schedule 4 (S.No. 20)	365	365
77	M/s Paswara Chemical Ltd, Mohiuddinpur , Meerut	Schedule 4 (S.No. 20)	150	150
78	M/s Universal Viscous Oil Product, Vill-Roshanpur Dorli, Meerut	Schedule 4 (S.No. 20)	231	231
79	M/s Paswara Impex(PLTD), Udhogpuram , Meerut	Schedule 4 (S.No. 20)	100	100
80	M/s R.R.B. Chemical Corp. HD-10, Ind. Area, Sikandrabad, Distt-Bulandshahr.	Zinc Dross	1800	1800
81	M/s Power Petro Chemicals. A-60/9, Ind.Aea, Sikandrabad, Distt-Bualndsahahr.	Schedule 4 (S.No. 20)	1800	1800
82	M/s Narora Atomic Power Station, Narora, Distt-Bualndsahahr.	E- Waste	10	10
83	M/s Shri Balaji Moters, Ind.Aea, Sikandrabad, Distt-Bulandsahahr.	E- Waste	1500	1500
84	M/s Seema Oil Mill, Foundry Nagar, Agra	Schedule 4 (S.No. 20)	900	900
85	M/s. Sundar Lal Mittal, Mandu Road, Hathras.	Schedule 4 (S.No. 20)	34.47	34.47
86	M/s Bharat Oil Co. (I) Regd., E-18, Site-IV, Sahibabad Industrial Area, Ghaziabad.	Schedule 4 (S.No. 20)	10000	293.277
87	M/s DEE KAY INDUSTRIES,F-9, B.S. ROAD. IND. AREA, GHAZIABAD.	Schedule 4 (S.No. 20)	1800	62
88	M/s IFP PETRO PRODUCT P LTD, , 16/2C, SITE-4, SBD., Ghaziabad	Schedule 4 (S.No. 20)	6000	505

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
89	M/s STEAM OIL & GEN IND. C-187, B.S. ROAD, Ghaziabad.	Schedule 4 (S.No. 20)	3600	253.845
90	M/s BAJAJ INDUSTRIES,, F-7,S.S. OF GT. RD., Ghaziabad	Lead bearing waste including battery waste	600	360
91	M/s K.B. METALS, F-5,S.S. OF GT. RD., Ghaziabad	Lead bearing waste including battery waste	900	540
92	M/s BALAJI PIGMENTS P LTD.,, A-6/17-19, S.S. OF G.T. ROAD, Ghaziabad	Lead bearing waste including battery waste	1500	900
93	M/s MAHA LAXMI METALS, D-16, KAVI NAGAR IND. AREA, Ghaziabad.	Lead bearing waste including battery waste	600	360
94	M/s SHRI HARIOM METAL WORK (SUNIL PT), D-23, B.S. ROAD., Ghaziabad.	Lead bearing waste including battery waste	345	207
95	M/s SHIV METAL WORK (RAHEJA BATTERY, C-111, B.S. ROAD., Ghaziabad.	Lead bearing waste including battery waste	720	432
96	M/s B.D. ENTERPRISES (D.V. METAL), D-3, B.S. ROAD., Ghaziabad.	Lead bearing waste including battery waste	336	202
97	M/s PATEL ENTERPRISES, 5/28, S.S. OF G.T. ROAD, Ghaziabad.	Lead bearing waste including battery waste	900	540
98	M/s R.K. METALS, G-5, UDYOG KUNJ, DASNA, Ghaziabad.	Lead bearing waste including battery waste	600	360
99	M/s HINDUSTAN BATTERY, G-25, UDYOG KUNJ, DASNA, Ghaziabad.	Lead bearing waste including battery waste	600	360
100	M/s L.M. PRODUCTS, F-293 & 294, M.G. ROAD I.A., Hapur.	Lead bearing waste including battery waste	1200	720

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
101	M/s SHIV SHAKTI METALS, KH-545, SIKHERA RD, MODI NAGAR, Ghaziabad.	Lead bearing waste including battery waste	540	324
102	M/s ANKUR BROTHERS, 23-A, S.S. OF G.T. ROAD, Ghaziabad.	Lead bearing waste including battery waste	540	324
103	M/s BALAJI METAL INDUSTRIES, C-99, B.S. ROAD IND. AREA, Ghaziabad.	Lead bearing waste including battery waste	3000	1800
104	M/s NEW DURGA ENTERPRISES, KH-109, SIKHERA ROAD, MODI NGR, Ghaziabad.	Lead bearing waste including battery waste	300	180
105	M/s SHRI BANKEY BIHARI METAL, 118, SIKHERA ROAD, MODI NAGAR, Ghaziabad.	Lead bearing waste including battery waste	450	270
106	M/s N.K. PRODUCTS, G-58 & 59, M.G. ROAD IND. AREA, Hapur.	Lead bearing waste including battery waste	600	360
107	M/s PATEL INDUSTRIES, F-12, UDYOG KUNJ IND. AREA, Ghaziabad.	Lead bearing waste including battery waste	540	324
108	M/s SHREE BALAJI INDUSTRIES, G-37, UDYOG KUNJ, DASNA, Ghaziabad.	Lead bearing waste including battery waste	540	324
109	M/s NEON PIGMENTS CORPN., KH-112, SIKHERA ROAD IND. AREA, MODI NGR, Ghaziabad.	Lead bearing waste including battery waste	7500	4500
110	M/s VERDEEN CHEMICAL P LTD., D-11, M.G. ROAD IND. AREA, HAPUR	Lead bearing waste including battery waste	9000	5400
111	M/s HINDUSTAN METALS, F-636, M.G. ROAD IND. AREA, Hapur.	Lead bearing waste including battery waste	2820	1692
112	M/s GUPTA METAL WORKS,, C-1, S.S. OF G.T.RD., Ghaziabad.	Lead bearing waste including battery waste	3900	2340

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
113	M/s KAVITA OVERSEAS P LTD.(SUNSHIN, 56, PANDAV NAGAR, B.S. Road, Ghaziabad.	Lead bearing waste including battery waste	14000	8400
114	M/s ELCON ALLOYS P LTDKH-252, 256, PARSON, HAPUR ROA	Brass Dross/Zinc/Copper Bearing Wastes	230	138.3
			230	138.3
			230	138.3
115	M/s TRIDENT METAL CHEM P LTD.D-139 IND. AREA, B.S. ROAD.	Brass Dross/Zinc/Copper Bearing Wastes	400	240
			400	240
			400	240
116	M/s VINAYAK TRANSKO LTDMAJ. ASHARAM TYAGI RD.MODINAGA	Brass Dross/Zinc/Copper Bearing Wastes	2500	1501.66
			2500	1501.66
			2500	1501.67
117	M/s BALA JI METAL INDUSTRIESDAYAL VIHAR,SIKARA RD.MODI NGR	Brass Dross/Zinc/Copper Bearing Wastes	26.66	16.66
			26.66	16.66
			26.67	16.67
118	M/s R.P.L. INDUSTRIES PVT. LTDC-12, SEC-22, MEERUT ROAD I.A.	Brass Dross/Zinc/Copper Bearing Wastes	600	357.33
			600	357.33
			600	357.34
119	M/s PARARA UDYOG,, F-195 & 196, M.G. ROAD IND. AREA, Hapur.	RE-CONDITIONING OF DURMS	12000 Nos/Year	12
120	M/s QUALITY DRUM RECONDITIONERS, E-65, S.S. OF G.T. RD. I.A., GZB.	RE-CONDITIONING OF DURMS	60000 Nos/Year	75
121	M/s INDIAN DRUM RECONDITIONERS, E-46, S.S. OF G.T. ROAD, GZB.	RE-CONDITIONING OF DURMS	60000 Nos/Year	58
122	M/s U.P. DRUM SUPPLY CO., F-193 & 194. M.G. ROAD IND. AREA, HAPUR.	RE-CONDITIONING OF DURMS	200000 Nos/Year	225

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
123	M/s SAI UDYOG, KH-1281, VILL& POST-MORTA, MEERUT ROAD, GZB.	RE-CONDITIONING OF DURMS	180000 Nos/Year	180
124	M/s Bharat Oil Co. (I) Regd.,, E-18, Site-IV, Sahibabad Industrial Area, Ghaziabad.	Collection, Segration & Dismentling of E Waste	4000	17.393
125	M/s MAHA LAXMI METALLOYS(INDIA) P LTD., KH-92, 91/1 & 87, SIKHERA ROAD, MODI NAGAR, GHAZIABAD.	Collection, Segration & Dismentling of E Waste	600	-
126	M/s AUCTUS E-RECYCLING SOLUTION P LTD., , F-637-638, M.G .ROAD IND. AREA, HAPUR.	RECYCLING OF E-WASTE	1800	-
127	M/s N.K. PRODUCTS, 58, 59, M.G. Road Ind. Area, Hapur.	Collection, Segration & Dismentling of E Waste	9000	-
128	M/s Platnet Green Recycling P Ltd.,, G-129, M.G. Road Ind. Area, Hapur.	Collection, Segration & Dismentling of E Waste	1500	-
129	M/s Rocket Sales, I-12, M.G. Road Ind. Area, Hapur.	Collection, Segration & Dismentling of E Waste	300	-
130	M/s Arsh Recycling P Ltd.,, F-203, M.G. Road, Ind. Area, Hapur.	Collection, Segration & Dismentling of E Waste	9000	-
131	M/s IFFCO LTD,Phulpur,Allahabad	Spent Catalist,	197.6	197.6
132	M/s Prayag Industries, Aamgondar, Shankargrah, Allahabad.	Alluminium Dross recycler	1200	1200
133	M/s J. P. Cement (Blending Unit), Sadwa, Bara, Allahabad	Waste Oil	0.976	0
134	M/s AASHIANA CHEMICALS LTD, Rahasupur, Aung, Fatehpur	Chrome containg Sludge	300	300
135	M/s AASHAMA CHEMICALS LTD, Rahasupur, Aung, Fatehpur	Chrome containg Sludge	135	135

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
136	M/s ASSOCIATE CHEMICALS, Rahasupur, Aung, Fatehpur	Chrome containg Sludge	39.6	39.6
137	M/s ASSOCIATE PIGMENTS LTD, UPSIDC, Malwan, Fatehpur	Lead Oxide Dust	144	0
138	M/s FS CHEMICALS,UPSIDC, Malwan, Fatehpur	Carbonic Residue, Distillation Residue	120	0
139	M/s MADHU CHANDRA TECHNO CHEM. COMPLEX Gudhrauli Fatehpur	Chrome containg Sludge	600	600
140	M/s A.R.Thermosets pvt ltd. Unil 2 upsidc malwan, Fatehpur	Zinc Dust, ETP Sludge	1.8	0
141	M/s Seiko Chemical Pvt.Ltd. Amausi Nadarganj, Lucknow	Used Oil	2400	8
142	M/s Kathuriya Petro Products, D-3, site-2 unnao	Used Oil	2400	2400
143	M/s Chemico Technical, H-7, site-2 Unnao	Lead ingot	120	120
144	M/s Nabco Products Pvt.Ltd., E-11, UPSIDC, Ind.Area, site-1	Lead scrap	420	420
145	M/s Vinayak Metal Industries, G-16, Industrial area, site-1, Unnao	Lead scrap	192	192
146	M/s Galaxy Poly Packers, P - 3, Industrial area, site-1,Unnao	Lead scrap	192	192
147	M/s The Wester Industries, Plot no.-G-37, UPSIDC, Industrial Area, Phase-1, Sandila , Hardoi	Used Oil	4050	4050
148	M/s Esha Industries, H-16, Industrial area, site-2, Unnao	Lead ingot	180	180
149	M/s Esha Industries, H-25, Industrial area, site-2, Unnao	Lead Scrap	192	192

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
150	M/s Patel Battery & Solar System, H-20, site-2 Unnao	Lead Scrap	180	180
151	M/s Swastik Metkaim Pvt.Ltd, F-5, site-2 Unnao	Lead Scrap	120	120
152	M/s Metal Alloy, Industrial Area, Ramnagar, Chandauli.	Aluminium Dross	540	540
		Zinc Bearing Wastes	540	540
		Copper Bearing Waste	108	108
		Lead bearing waste including battery waste	1500	1500
		E-waste	5	5
153	M/s Balaji Lubricants, Ramnagar, Chandauli	Used oil	900	900
154	M/s Everest Lubes India, Village-Kaneta, Chandausi Road, Bahjoi, District-Sambhal.	Used Oil	0.002	0.002
155	M/s Hindalco Industries Ltd. Renukoot, Sonebhadra	11.6	448.832	448.832
156	M/s S.K.I. Carbon Black India Pvt. Ltd. (Formaly HI-TECH Carbon Ltd.)Renukot Sonbhadra	5.1	0.550	0.550
157	M/s U N Metal Industries,Vill Rausaura,Maheva Ghat Mirzapur	6.2	0.350	0.350
		8.3	0.350	0.350
158	M/s B K Brothers Lohandi Kala vindhyachal Mirzapur	6.2	72.00	72.00
		8.3	36.00	36.00
159	M/s Sundari Metal Udyog, Haura Kotvan Mirzapur	6.2	5.00	5.00
		7.2	5.00	5.00
		8.3	5.00	5.00
160	M/s Agreesen metal works, Mirzapur	6.2	0.350	0.350
		8.3	0.350	0.350
161	M/s Heeralal Vinod Kumar Mirzapur	6.2	24.00	24.00

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
		8.3	24.00	24.00
162	M/s Kunj Bihari Lal Radhey Shyam Danghar Nai Basti, Mirzapur.	6.2	10.00	10.00
		8.3	10.00	10.00
163	M/s Mirzapur metal Associates, Mirzapur	6.2	2.300	2.300
		7.3	2.300	2.300
		11.5	2.300	2.300
164	M/s M/s Suresh Nath satish kumar , Chandai pur, Mirzapur	11.5	18.00	18.00
165	M/s Mother Dairy Fruits and Vegitables Pvt. Ltd., Mainpuri Road, Vaidpura Safai.	Used Oil/ Spnt Oil - 2Kl Per Year	2.000	2.000
166	M/s Ultratech Cement, Dalla, Sonbhadra	Oily and Paint sludge waste	1000	1000
167	M/s Wasim Trading Co.bara	empty HZ chemical drums	60000 No.	300.000
168	M/S Nisar Ahmad	empty HZ chemical drums	150000 No	750.000
169	M/s Hindustan Unilever Ltd. A-1 , 2 UPSIDC Sumerpur, Hamirpur (U.P.)	empty HZ chemical drums	5000 No	25.000
170	M/s Hindustan Unilever Ltd. (Unit-2) Sumerpur,Hamirpur (U.P.)	empty HZ chemical drums	Contminated Barrels & Drums-5000 NOS/ Yr.	25.000
171	M/s Camphor & Allied Product Ltd. C.B.Ganj, Bareilly	empty HZ chemical drums	Empty Drums-1800 nos/year	9.000
172	M/s Hindustan Media Ventures Ltd., Bareilly	empty HZ chemical drums /Bucket	Drum/Bucket-3614 No.	18.070
173	M/s A to Z Scrap, Shahtri Nagar, Bareilly	empty HZ chemical drums	600000 No	3000.000
174	M/s Ramapati Agro Chemicals, Rosa, Shahjanpur	empty HZ chemical drums	20 no	Unit Closed

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
175	M/s J.K. Chemicals Atsaliya, Shahjanpur (Pesticides Unit)	empty HZ chemical drums	84 No.	Unit Closed
176	M/s Dhawan Metal Industries, Parsakhera, Bareilly	Lead Slag/APCS dust-150 Kg/Day	45.000	45.000
177	M/s Vintek Metal Alloys, Parsakhera, Bareilly	Lead Slag/APCS dust-150 Kg/Day	45.000	45.000
178	M/s Teva API India Ltd, Gajraula, Amroha.	Spent Solvent	40000.000	40000.000

Table 30(h): Uttar Pradesh-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Uttar Pradesh Waste Management Projects Plot No. 672, on NH-2, Sikandra Road, Village-Kumbh, Tehsil-Akbarpur Dist:-Kanpur Dehat-209101 (UP)	Nil	55.85	4687.247	28178.68	656.915	4687.24	28178.68	5765.0	Nil	Nil	347.717	32865.92	5500	2	50000

2	Bharat Oil & Waste Management Ltd. Gata No.672, Kumbhi Akbarpur Kanpur Dehat	36.62	1180.9	9244.705	5941.325	4657.356	9244.70	5915.725	5075	0	62.225	763.271	0	0	2	20000
3	Industrial Infrastructre Survices (India) Ltd, LTP Banthar, Unnao	0	0	8812	0	0	8812	0	0	0	0	0	76145	0	0	15000
4	Bharat oil company (India) Regd.,E-18, site-IV, Sahibabad, Ind. Area, Ghaziabad	0	0	0	0	847.624	0	0	847.62	0	0	0	0	0	0.25	
	Total	**36.6**	**1236.7**	**22743.9**	**34120.00**	**11561.89**	**22743.9**	**34094.4**	**11687.6**	**0**	**62.225**	**1110.98**	**109010.9**	**5500**	**4.25**	**85000**

Table 30(i): Uttar Pradesh-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	M/s Jubilant Lifescience, Amroha	Both	INP	INP	3169.65	INP

INP: Information Not Provided

31.
UTTARAKHAND
(Hazardous waste generation and its Management)

Table 31(a): Uttarakhand-Details of Hazardous waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	Nainital	165	3.61	3.61	11.82	10	0.19	0.94	9.7	0	0	0
2	Almora	49	0	0	1.91	0	0	0	0	0	0	0
3	Pithoragarh	8	0	0	0.23	0	0	0	0	0	0	0
4	Bageshwar	20	0	0	0.99	0	0	0	0	0	0	0
5	Champawat	12	0	0	0.21	0	0	0	0	0	0	0
6	Dehradun	154	520.9	78.47	69.01	0	252.45	55.73	20.24	0	0	0
7	Pauri	46	6.72	0	10.13	0	3.95	0	1.85	0	0	0
8	Tehri	25	0.3	0	9.27	0	0	0	4.14	0	0	0
9	Chamoli	16	0	0	4.77	0	0	0	3.65	0	0	0
10	Rudrapary ag	6	0	0	0.43	0	0	0	2.3	0	0	0
11	Uttarkashi	4	0	0	0.4	0	0	0	0.1	0	0	0
12	U.S. Nagar	1050	5688.66	4008.27	10728.58	2334.2	2207.35	1721.41	9806.02	1945.15	0	0
13	Haridwar	2144	9793.84	2478.81	13162.13	522.5	2037.6	1413.38	1088.4	332.9	0	0
	Total	**3699**	**16014.03**	**6569.16**	**23999.88**	**2866.7**	**4501.54**	**3191.46**	**10936.4**	**2278.05**	**0**	**0**

Table 31(b): Uttrakhand- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	NIL	NIL	NIL	NIL
2	For disposal at common Incinerator	NIL	NIL	NIL	NIL
3	For recycling by Schedule IV recyclers	NIL	NIL	Rajasthan	50
				U.P	513.702
4	For utilization in co-processing (cement plants)	NIL	NIL	Rajasthan	1025.97
5	For utilization under Rule 9 (other than co-processing)	NIL	NIL	Rajasthan, Mahrashtra	7756.14

Table 31(c): Uttrakhand-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	Nainital	0	0	0	9.7	0	0	0	0
2	Almora	0	0	0	0	0	0	0	0
3	Pithogragarh	0	0	0	0	0	0	0	0
4	Bageshwar	0	0	0	0	0	0	0	0
5	Champawat	0	0	0	0	0	0	0	0
6	Dehradun	9.57	0	0	0	0	0	0	0

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	**15**	**16**	**17**	**18**	**19**	**20**	**21**
7	Pauri	2.9	0	0	0	0	0	0	0
8	Tehri	0	0	0	0	0	0	0	0
9	Chamoli	2.27	0	0	0	0	0	0	0
10	Rudraparyag	0	0	0	0	0	0	0	0
11	Uttarkashi	0	0	0	0	0	0	0	0
12	U.S. Nagar	9806.2	279.506	0	0	0	0	0	0
13	Haridwar	1079.6	0	0	0	0	0	0	0
	Total	**10900.54**	**279.506**	**0**	**9.7**	**0**	**0**	**0**	**0**

Table 31(d): Uttrakhand-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	Nainital	0.19	0	0.94	0	0	0	0	0
2	Almora	0	0	0	0	0	0	0	0
3	Pithogragarh	0	0	0	0	0	0	0	0
4	Bageshwar	0	0	0	0	0	0	0	0
5	Champawat	0	0	0	0	0	0	0	0
6	Dehradun	225.53	0	43.44	0	0	0	0	0
7	Pauri	2.9	0	0	0	0	0	0	0
8	Tehri	0	0	0	0	0	0	0	0
9	Chamoli	2.27	0	0	0	0	0	0	0
10	Rudraparyag	0	0	0	0	0	0	0	0
11	Uttarkashi	0	0	0	0	0	0	0	0
12	U.S. Nagar	2207.35	0	1673.78	0	0	0	0	0
13	Haridwar	2444.9	98.048	1407.1	18.1	0	0	0	0
	Total	**4883.14**	**98.048**	**3125.26**	**18.1**	**0**	**0**	**0**	**0**

Table 31(e): Uttrakhand-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	Nainital	0	0	18.03	0	0	0	18.03	0
2	Almora	0	0	1.91	0	0	0	1.91	0
3	Pithogragarh	0	0	0.99	0	0	0	0.99	0
4	Bageshwar	0	0	0.23	0	0	0	0.23	0
5	Champawat	0	0	0.21	0	0	0	0.21	0
6	Dehradun	0	0	0	0	26.28	12.28	5.2	0
7	Pauri	0	0	0	0	3.95	0	1.85	0
8	Tehri	0	0	0	0	0	0	1.87	0
9	Chamoli	2.27	0	0	0	0	0	0.75	0
10	Rudraparyag	0	0	0	0	0	0	0.23	0
11	Uttarkashi	0	0	0	0	0	0	0.1	0
12	U.S. Nagar	0	0	27.45	0	123.68	47.63	1557.1	1998.5
13	Haridwar	2.44	13.48	6.07	0	0.79	1.22	14.87	0
	Total	**4.71**	**13.48**	**54.89**	**0**	**154.7**	**61.13**	**1603.34**	**1998.5**

Table 31(f): Uttrakhand-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

Sr. No.	Type of Recyling Facilities	Total No. of Facilities authorizaed for recycling / Utilization / co-processing of HW	Total Authorized Capacity (MTA)	Total Quantity Recycled/ Utillized / Co-prcoessed (MT)
A	**Commonly recyclable HW**			
1.	Zinc Bearing Waste	1	-	7498.92
2.	Lead bearing waste including battery waste	4	58200	1079.6
3.	E-waste	5	20430	-
4.	Used Oil	5	2800	708.12
5.	Waste Oil	0	-	-
	Total	**15**	**81430**	**9286.64**
B	**Utilization of HW under Rule 9**			
	Utilization of Sepnt Catalyst - to recover - Platinum, Iridium, Osmium, Palladium, Rhodium, Ruthium, Rhenium, Gold & Silver	1	-	52.23
	Utilization of Spent Acid containing Molybdenum generated from filament industires for producing Molybdenum Trioxide by heating process.	1	0	204.99
	De-contamination of contaminated drums/ containers / barrels	1	15000	10 MTA
	Total	3	15000	257.22
C	**Co-processing in Cement Plants**	1	1025.97	693.07

Table 31(g): Uttrakhand-List of Authorizede Recyclers/ Utilizers/Co-processors of Hazarous Waste

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	M/s Global Enviromental Solution, Vill. Lambakhera, Tehsil-Gadarpur, Dist. US Nagar	Used Oil/Waste Oil	2800 MT/Month	72.64 MT
		Used Empty Barrels	12500 Nos./Month	
2	M/s Vimal Petrothin Pvt. Ltd. IP-15A, Raipur Sahakari Audhyogic Kshetra, Raipur, Dist. Roorkee	lead bearing residue and lead acid batteries	24900	9594
3	M/s Tanya Engineers Khasra No. 204, Raipur Industrial Area Bhagwanpur, Dist. Roorkee	lead bearing residue and lead acid batteries	4800	523.37
4	M/s Jay Ace Technologies Ltd., Khasra No. 92 to 95, Raipur Industrial Area, Dist- Roorkee	lead bearing residue and lead acid batteries	24000	Nil
5	M/s Shahid Metal Alloys, Khasra No. 353, Raipur Industrial Area, Bhagwanpur, Dist. Roorkee	lead bearing residue and lead acid batteries	4500	1083.9
6	M/s Aterro Recycling Pvt. Ltd. Raipur, Bhagwanpur	E-Waste	12000	1950
7	M/s Bharat Oil Waste Management Laksar	E-Waste	375	42.6
8	M/s Resance E-Waste Solution F-97 Bahadrabad	E-Waste	6000	199.88
9	M/s Scarto Metal Recycle Pvt.	E-Waste	996	349
10	M/s Anmol Rana, Banjarwala	E-Waste	600	1492

Table 31(h): Uttrakhand-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s Bharat Oil and Waste Management Ltd., Mauza Mukimpur, Laksar Road, Roorkee	0	56.61	4174.6	862.47	3252.18	4174.62	862.474	3222.92	0	0	29.26	33921.4	500000	1.66	8000

Table 31(i): Uttrakhand-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable/both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	M/s Hero Motocorp, Plot No., 3, Sector 10, IIE, Haridwar	Both	0.139	733	116.548	924.852

32.
WEST BENGAL
(Hazardous waste generation and its Management)

Table 32(a): West Bengal-Details of Hazardous waste Generation

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
1	24 Parganss North	159	590.48	193.63	6379.6	1020	245.5	84.96	5079.45	1259.21	0	0
2	25 Parganss South	122	2176.83	2378.37	490.7	0	1665.66	553.35	484.59	54	0	0
3	Alipurduar	2	0	0.51	1.5	0	0	3.04	0	0	0	0
4	Bankura	12	0	23.3	57.66	0	0	52.74	51.45	0	0	0
5	Birbhum	3	0	6.2	71	0	4.43	40.95	0	0	0	0
6	Burdwan	72	243.5	110.23	527.1	61767	835.91	48.47	518.25	47074.1	0	0
7	Coochbehar	5	0.12	0	0	0	0.07	0	0	0	0	0
8	Darjeeling	14	0.67	3.16	105.7	0	0	0.12	1.21	0	0	0
9	Hoogly	72	9911.91	130.92	2992.83	0	10561.22	40.79	2275.85	25.36	556.19	0
10	Howrah	246	3936.04	1002.57	19656.96	2254.87	7840.57	170.86	7730.84	521.69	15580.21	0
11	Jalpaiguri	22	459.62	1.5	519.91	0	25.02	1.31	43.99	0	0	0
12	Kolkata	190	631.35	562.52	1229.8	1.8	675.27	448.39	794.73	18.39	0	0
13	Malda	5	7.2	3.58	5.4	0	5.13	0	1600	0	0	0
14	E. Midnapore	37	32026.53	4880.8	3012.99	0	24354.28	4031.87	1582.77	0	7249	0
15	W.	36	1743.59	403.51	7936.32	609	191.89	714.56	2521.08	672.57	0	0

S.No.	Name of the District	Number of HW Generating Industry	Authorized Quantity of Hazardous Waste (Metric Tonne)				*Quantity of Hazardous Waste generated as per Annual Return within the State/UT (Metric Tonne)				Quantity of HW imported during the year(Metric Tonne)	Quantity of HW exported during the year(Metric Tonne)
			Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable		
		1	2	3	4	5	6	7	8	9	10	11
	Midnapore											
16	Murshidabad	6	3.1	4.1	328.3	0	3	4.14	102.64	0	0	0
17	Nadia	32	1264.98	247.45	5164.83	1464	474.41	77.85	953.47	1.21	0	0
18	Purulia	8	15.06	6.5	84.06	0	3.5	8.13	38.91	0	0	0
19	Uttar Dinajpur	1	0	0.51	0	0	0	0	0	0	0	0
	Total	**1044**	**53010.98**	**9959.36**	**48564.66**	**67116.7**	**46885.86**	**6281.53**	**23779.23**	**49626.5**	**23385.4**	**0**

Table 32(b): West Bengal- Details on Inter-state Movement of Hazardous Waste for recycling/utilisation/disposal

S. No.	Hazardous Waste	Hazardous Waste received from other State/UT		Hazardous Waste sent to other State/UT	
		Name of State/UT from which waste received	Quantity received (MT)	Name of State/UT where waste sent	Quantity sent (MT)
			12		13
1	For disposal at common secured landfill	NIL	NIL	NIL	NIL
2	For disposal at common Incinerator	Sikkim	1050.85	NIL	NIL
3	For recycling by Schedule IV recyclers	NIL	NIL	NIL	NIL
4	For utilization in co-processing (cement plants)	NIL	NIL	NIL	NIL
5	For utilization under Rule 9 (other than co-processing)	NIL	NIL	NIL	NIL

Table 32(c): West Bengal-Details on Hazardous Waste Recycled and Utilized

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
1	24 Parganss North	183.29	0	0	1259.13	0	0	0	0
2	25 Parganss South	6808.68	0	0	41.96	0	0	0	0
3	Alipurduar	0	0	0	0	0	0	0	0
4	Bankura	0	0	0	0	0	0	0	0
5	Birbhum	0	0	0	0	0	0	0	0
6	Burdwan	0	0	0	24052.21	0	0	0	0
7	Coochbehar	0	0	0	0	0	0	0	0
8	Darjeeling	0	0	0	0	0	0	0	0
9	Hoogly	5273.74	0	0	518.63	0	0	0	0
10	Howrah	24806.98	0	0	480.67	0	0	0	0
11	Jalpaiguri	121.26	0	0	0	0	0	0	0
12	Kolkata	1281.64	0	0	18.44	0	0	0	0
13	Malda	0	0	0	0	0	0	0	0
14	E. Midnapore	14312	0	0	0	0	0	0	0
15	W. Midnapore	240.19	0	0	714.26	0	0	0	0
16	Murshidabad	0	0	0	0	0	0	0	0
17	Nadia	140.74	0	0	1.25	0	0	0	0

S.No.	Name of the District	Recycling/Utilization of hazardous waste (generated within the State/UT)				Recycling/Utilization of hazardous waste (received from other State/UT)			
		Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)			Quantity of waste Recycled(listed under Schedule-IV Hazardous Wastes) (MT)	Quantity Utilized (MT)		
			Co-processing in Cement Kiln	Other than co-processing	Captive Utilization(other than coloumn 15 & 16)		Co-processing in Cement Kiln	Under Rule 9 other than co-processing	Captive Utilization(other than coloumn 19 & 20)
		14	15	16	17	18	19	20	21
18	Purulia	0	0	0	0	0	0	0	0
19	Uttar Dinajpur	0	0	0	0	0	0	0	0
	Total	**53168.52**	**0**	**0**	**27086.55**	**0**	**0**	**0**	**0**

Table 32(d): West Bengal-Details on Hazardous Waste Disposed

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
1	24 Parganss North	86.58	0	76.48	0	0	0	0	0
2	25 Parganss South	1662.1	0	46.58	216.04	0	0	0	0
3	Alipurduar	0	0	0.55	0	0	0	0	0
4	Bankura	0	0	52.17	0	0	0	0	0
5	Birbhum	0	0	6.88	0	0	0	0	0
6	Burdwan	800.65	0	69.98	0	0	0	0	0
7	Coochbehar	0	0	0	0	0	0	0	0
8	Darjeeling	0	0	0.05	0	0	0	0	0
9	Hoogly	10907.01	0	50.81	0	0	0	0	0

S.No.	Name of the District	Disposal of hazardous waste (generated within the State/UT)				Disposal of hazardous waste (received from other State/UT)			
		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)		Quantity Disposed in Secured Landfill (MT)		Quantity Disposed through Incinerator (MT)	
		Common	Captive	Common	Captive	Common	Captive	Common	Captive
		22	23	24	25	26	27	28	29
10	Howrah	7590.75	0	150.79	0	0	0	0	0
11	Jalpaiguri	14.77	0	3.41	0	0	0	0	0
12	Kolkata	543.62	0	247.68	0	0	0	0	0
13	Malda	0	0	92.59	0	0	0	0	0
14	E. Midnapore	25462.7	0	3232.04	165.39	0	0	1050.85	
15	W. Midnapore	194.89	0	686.53	0	0	0	0	0
16	Murshidabad	3	0	0.1	0	0	0	0	0
17	Nadia	402.94	0	32.81	1.19	0	0	0	0
18	Purulia	6.13	0	1.24	0	0	0	0	0
19	Uttar Dinajpur		0	0	0	0	0	0	0
	Total	**47675.14**	**0**	**4750.69**	**382.62**	**0**	**0**	**1050.85**	**0**

Table 32(e): West Bengal-Details on Hazardous Waste Stored at Occupier Premises

S.No.	Name of the District	Total Quantity of HW stored at Occupier premises at the beginning of the financial year i.e. 01.04.2017 (MT)				Total Quantity of HW stored at Occupier premises during the financial year i.e. 1st April to 31st March 2018 (MT)			
		Landfillable	Incinerable	Recyclable	Utilizable	Landfillable	Incinerable	Recyclable	Utilizable
		30	31	32	33	34	35	36	37
1	24 Parganss North	488.1	31.32	1121.73	0.35	647.02	39.8	404.73	0.43
2	25 Parganss South	129.47	165.42	4163.55	13.11	133.03	456.15	647.39	25.15
3	Alipurduar	0	3.44	0	0	0	5.93	0	0
4	Bankura	0	72.72	277.11	0	0	73.27	293.73	0
5	Birbhum	0	8.59	77.26	0	0	6.14	47.72	0
6	Burdwan	31.81	53.6	60.01	2571.81	67.07	32.09	111.92	25593.7
7	Coochbehar	0.18	0	0	0	0.25	0	0	0
8	Darjeeling	0	0.01	0.03	0	0	0.08	0.24	0
9	Hoogly	1144.5	34.77	381.46	609.51	798.71	24.75	648.18	116.24
10	Howrah	475.23	34.33	1474.04	35.44	725.05	54.4	774.14	76.46
11	Jalpaiguri	269.16	2.11	60.06	0	279.41	0	82.76	0
12	Kolkata	237.12	82.24	238.76	4.4	368.77	282.95	94.84	4.35
13	Malda	6.68	92.59	0.34	0	11.81	0	0.34	0
14	E. Midnapore	1931.12	182.08	493.43	0	822.7	816.52	706.91	0
15	W. Midnapore	12.68	56.69	194.53	112.37	9.68	84.72	202.43	70.68
16	Murshidabad	0	0.1	41.65	0	0	4.14	71.98	0
17	Nadia	138.86	9.24	159.97	0.5	210.33	54.28	190.67	0.46
18	Purulia	2.73	440.35	39.71	0	0.16	447.24	75.5	0
19	Uttar Dinajpur	0	0	0	0	0	0	0	0
	Total	**4867.64**	**1269.6**	**8783.64**	**3347.49**	**4073.99**	**2382.46**	**4353.48**	**25887.47**

Table 32(f): West Bengal-Details on Recycling / Utilization/Co-Processing of Hazardous Waste

Sr. No.	Type of Recyling Facilities	Total No. of Facilities authorizaed for recycling / Utilization / co-processing of HW	Total Authorized Capacity (MTA)	Total Quantity Recycled/ Utillized / Co-prcoessed (MT)
A	**Commonly recyclable HW**			
1	Brass Dross	1	180	0
2	Zinc Bearing Wastes	25	42869	15886.83
3	Copper Bearing Waste	8	91634	440.37
4	Spent Catalyst containign nickel, cadmium, Zinc, copper, arsenic, vanadium and cobatt.	2	4592	523.51
5	Lead bearing waste including battery waste	56	124006	26651.1
8	Used Oil	11	27992	9666.4
9	Waste Oil		73950	
	Total	**103**	**365223**	**53168.21**
B	**Utilization of HW under Rule 9**			
1	Recovery of solvents from spent solvents	5	2640.52	441.14
12	De-contamination of contaminated drums/ containers / barrels	4	2910	372.81
13	Utilization of process slude and primary ETP sludge gnerated from Pulp & Paper Industries for producing Paper Board/ Mill Board/ Card Board.	3	3276	0
14	Captive Utilization of Aluminium Dross generatecd from refining and casting house of aluminium smelter units to recover Aluminium Metal	1	3240	0
22	Utilization of Vanadium Sludge generated from Aluminia refineries for production of Vandium metal.	1	300	285.22
	Total	**14**	**12366.52**	**1099.17**
C	**Co-processing in Cement Plants**	**NIL**	**NIL**	**NIL**

Table 32(g): West Bengal- List of Authorizede Recyclers/ Utilizers/Co-processors

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
1	Eastern Metal, Vill.-Khamar, P.O.-Bishnupur, Rajarhat, Dist. 24 Parganas(N)	Used lead acid battery plates /Lead scrap	450	129.20
2	Barua & Co., Siliguri Industrial Estate, Shed No 21, 2nd Mile Sevok road , Siliguri 734001	Used Transformer oil	200	0.00
3	R. B. Enterprise,, Vill. Bodai, P.O. Jugberia, Bilkanda Gram Panchayet, PS. Ghola, Pin - 711 110	Lead Acid Battery Plates, Lead Scrap, Lead Ash and Lead Residue - 240 MTA	480	49.70
4	Bristol Petroleum Pvt. Ltd. (Having own incinerator), 26/5/D-E, A.M.Ghosh Rd, BudgeBudge, Dist. 24 Parganas(S)	Used Oil	8400	1434.94
		Waste Oil	15000	2702.99
5	Patton International Ltd. (Kodalia Works), 127,N.S.C. Bose Road, Sonarpur, Kolkata 700146	Used Oil		
6	Lubrina Recycling Pvt. Ltd., Joychandipur, P.O. - Barasat, P.S.- Bishnupur, Dist. 24 Parganas(S) 743377	Used Oil	500	346.28
		Waste Oil	250	428.10
		Contaminated Drum	229.5	26.50
7	N. K. Company, J. R. Industrial Estate, Haran Mollah Road, Bonogram, PO. Rashapunja, PS. Bishnupur, Dist:24 Parganas(S) 700104	Waste Oil	11000	1729.16
8	ARM Industries, Vill. & PO. Dakshin Gouripur, PS. Bishnupur, PIN. 743503	Zinc Ash, Zinc Skimming and Zinc Dross	936	142.50
9	J.S.Pigments Pvt. Ltd., Vill +P.O.: Jarura, P.S.: Polba, Delhi Road, Hooghly 712138	Lead Acid battery plates / ashes / residues / scraps	4000	227.00

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
		Cu dross/Druid/jelly filled Cu cables/waste Cu alloys/Cu residue	1488	135.01
		Brass dross scrap : Zinc dross / ash/skimming/ residue and zinc alloy	1005	0.00
10	Raj Finoxides Pvt. Ltd., Kharial, D.C.C. Dankuni, Dist. Hoogly 712310	Lead acid battery plates and other lead scrap	7800	2082.00
11	Leadstone Energy ltd. , NH-2, Delhi Rd., Rajhat, Dist. Hooghly 712123	Lead acid battery plates and Lead scrap	4896	1202.19
12	Sun Metal Industries, Delhi Road, PO. Sugandhya, PS. Polba, Dist. Hooghly	Lead Acid Batterry Plates / Lead Scrap	1500	293.59
13	India Metal Industries, Santrapara, par Darkuni, P.O.-DCC, Dist. Hooghly	Used lead Acid Battery Plates / Scrap	470	77.97
14	Ganesh Steel & Alloys Ltd., NH-2, Delhi Road, P.O.:Mallickpara, P.S.: Serampore, Hooghly	Spent Copper catalyst	360	10.62
		Spent Nickel Catalyst	2232	129.07
		Gasifier slag containing nickel	192	32.31
		Spent molybdenum catalyst	888	76.91
15	Mega Energy Pvt. Ltd., Vill. Gotu, PO. Sugandhya, PS. Polba	Lead Acid Battery Plates &	1500	110.58

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
		Lead Scrap		
16	Kundu Refinery Works, Durgapur Expressway, Jaykrishnapur, Dist. Hooghly	Used Oil	3600	410.65
		Waste oil	900	
17	BA-MA Oil Industries, Panchayat Road, Kharial, Dankuni, Dist. Hooghly	Used Oil	360	270.92
		Waste Oil	3600	110.21
18	I.R. Chemicals 217, Tiljila Road, Kolkata – 7000 46	Lead Acid Battery Plates, Lead Scrap and Lead Ash	1200	201.42
19	Siyaram Petrotech Pvt. Ltd., Sankrail Industrial Park, NH-6, Dhulagarh, Howrah- 711 302	Used Oil	2400	129.75
		Waste Oil	3600	
20	Shama Metal Industries, Vill & PO. Kendua, PS. Sankrail, PIN. 711302, Dist. Howrah	Lead Acid Battery Plates, Lead Scrap and Lead Ash	1080	90.37
21	Adarsh Galai Udyog, Dag No 1250, K No 1819,1862, Dhulagari Industrial Park, Sankrail, Howrah 711302	Lead Acid Batterry Plates /Lead Scrap	1380	245.20
22	Diach Chemicals & Pigments Pvt. Ltd., vill. Jaladhulagori, PO. Dhulagori, PS. Sankrail, Howrah 711302	Lead Acid battery scrap/plates	24000	3092.56
23	Raj Metal Industries, P.O. Panpur, Mouza Majukshetra, Jagatballavpur, Amta, Howrah 711401	Lead Acid Battery Plates, Lead Scrap, Lead Ash and residue	8290	I.R.
24	Saraswati Metal Industries, J.L. No 2, DAG no. 1351, K. No. 1819, Jalan Industrial Park, Dhulagori, Sankrail, Howrah 711302	Lead Acid Battery Plates	420	166.48
25	Howrah Chemical & Solvent, Domjur, Amta Road, Dakshin Bari, PO: Dakshin Jhapardah, PS: Domjur, Howrah - 711 109	Spent Solvent	342.52	156.65

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
26	Shiwshakti Metal Works Jaladhulagori, Jalan Industrial Complex, PO. Dhulagar, PS. Sankrail, Dist. Howrah, PIN 711302	Used lead acid battery plates	300	120.50
27	Sylvan Chemicals 40/1, 'A' Road, Bamangachi, Salkia, Dist. Howrah 711106	Zinc Ash/Zinc skimmings	540	207.24
28	Vee Aar Industries 4, Ratan Halder Lane, Liluah, Howrah, 711204	Zinc ash/skimming	540	244.9
29	Panchawati Metal Works Vill. & PO. Argori, N. H. - 6, PS. Sankrail, PIN. 711302, Howrah	Lead Acid Battery Plates / Scrap	900	107.25
30	Vermillion Petrochem Pvt. Ltd. 28/1, Salkia School Road, P.O.- Bandhaghat, Dist. Howrah 711106	Used oil	1000	775
31	Sakti Enterprises Dotala, Jhilpar, Vill. & PO. Bankra, PS. Domjur, Dist: Howrah 711403	Zinc Ash, Zinc Skimming and Zinc Dross	1200	22.84
32	Standard Metal Industries Vill & P.O. - Tentulkuli , P.S. - Domjur, Howrah - 711409	Lead Acid battery scrap etc.	1590	130
33	Kamala Metachem Vill. Kulai, P.S. Panchla, P.O.Bikakola, Dist. Howrah	Zinc Dross / Scrap	2600	
		Zinc Ash/Zinc skimmings	1000	183.08
		Lead Acid Battery Plates	2000	
		Lead Scrap	1000	168.08
34	Amit Metal Works Dhulagori, Jalan Industrial Park, P.O.: Dhulagori, P.S.: Sankrail, Howrah. Pin - 711302	Lead Acid Battery Plates / Scrap	1450	85.00
35	R. K. Products Vill. & PO. Mahisrekha, PS. Uluberia, Dist: Howrah	Zinc Ash, Zinc Skimming and Zinc Dross	600	181.19
36	S. K. Metal Industries Dag No. 92, Pakuria, Lakshmanpur, PO & PS: Domjur, Howrah - 711 405	Zinc Ash	750	71.04

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
		Zinc Dross	400	
37	J. G. Chemicals Pvt. Ltd. (Unit-II), Jalan Industrial Complex, PS. Domjur, PO. Biprannapara, PIN-711411	Zinc dross, Zinc Scrap / Skimming	9690	9195.24
38	Mahabir Chemicals Jala Dhulagori, PO. Dhulagarh, PS. Sankrail, PIN. 711302	Zinc Dross	720	204.2655
39	Singh & Sons Mfg. Chandmari Rd, Danesh Sheikh Lane, Sankrail, Dist. Howrah 711109	Lead Acid Battery Plates and Lead Scrap	150	147
40	Singh & Sons, J.L. No. 2, Plot No. 1455, Jaladhulagori, PO. Dhulagori, PS. Sankrail, PIN 711302, Dist. Howrah	Lead Acid Battery Plates and Lead Scrap	560	193
41	Maa Bhagawati Metal Industries Vill & PO. Argori, PS. Sankrail, N. H. 6, Dist. Howrah, PIN. 711302	Lead Acid Battery Plates / Lead Scrap	800	48.10
42	Sajta Metal Works Chandmari Road, Danesh Sheikh Lane, Dist. Howrah	Used lead acid battery plates / lead scrap	150	115
43	Sajta Metal Works (Unit-II) Sankrail, Jalan Indutrial Park, Sankrail, Howrah - 711 302.	Used lead acid battery plates / lead scrap	420	201
44	Sunflower Industries Vill.-Pipli, P.O.-Jagdishpurhat, Domjur, Dist. Howrah	Zinc Skimming	200	230.55
		Zinc Dross	250	
45	Sunbright Industries, Vill. & P.O. - Lakshmanpur, P.S. - Domjur, Howrah -Pin711323	Zinc Ash, Skimming, Blowing Dust	3000	734.51
46	Grade Enterprise, Dhulagarh Industrial Park, PO. Kandua, PS. Sankrail, Dist. Howrah, PIN. 711302	Lead Acid Battery Scrap	350	46.45
47	A-One Enterprise (Formerly: Skylub Battery Company) Vill. & PO. Raghudevpur, PS. Uluberia, Dist: Howrah, Pin-711322	Lead Acid Battery Plates and	2064	71.72

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
		Lead Scrap		
48	Azad Metal Works (Unit-II) Jaladhulagori, PS. Sankrail, PO: Dhulagori, Howrah - 711 302	Lead Acid Battery Plates / Lead Scraps	450	18
49	Vinod Metal Industries Vill. & PO. Angori, N. H. 6, PS. Sankrail, PIN-711302	Copper Cable / Copper Dross	276	
		Brass Dross -	144	Copper Dross - 24.0
		Lead Acid Battery Plates / Lead Scrap	480	Lead Scrap - 27.0
50	Jaiswal Metal Indiustries, 16G Dabgram Industrial Estate, PO-Satelite Township, Dist-Jalpaiguri 712138	Lead Acid Battery Plates and Lead Scrap	480	21.26
51	Kashi Metal Works 157A, Picnic Garden Road, Kolkata 700039	Lead acid battery plates	300	20.6
52	Shiwshakti Metal Works 157 A, Picnic Garden Road, Kolkata 700039	Used lead acid battery plates	300	123
53	I.R. Chemicals 217, Tiljila Road, Kolkata – 7000 46	Spent Solvent (20.2, 26.4, 28.6, 29.4 of Sch I of HOWM Rules 2016)	1200	284.489
54	Tarak Metal Industries 76 Canal Circular Road, Kolkata 700054	Used Lead Ash / Lead Acid Battery Plates	250	103.26
55	Panchawati Metal Works B/8-C/H/8 Jogodyam Lane, Kankurgachi, Kolkata-54	Lead acid battery plates/lead scrap/lead ash/lead residue	160	138.24

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
56	Samta Metal Industries 76 Canal Circular Road Kolkata-54	Lead Acid Battery Plates / Lead Scrap / Lead Ash / Lead Residues	480	70.192
57	Bachhelal Metal Industries 22G, Shiv Krishna Daw Lane, Kolkata-54	Lead Acid Battery Plates, Lead Scrap and Lead Ash	360	92.26
58	Shree Ganesh Metal Works 157 A, Picnic Garden Road, PO. & PS. Tiljala, Kolkata-39	Used lead acid battery plates	150	90
59	Bijay Metal Works 76, Canal Circular Road, PS. Phoolbagan, Kolkata-54	Used Lead Acid Battery Plates / Lead Ash	200	133.25
60	Singh Metal Co. 157A, Picnic Garden Road,Kolkata-39	Used Lead Acid Battery Plates	450	11.62
61	Ranichem Industrial Corporation 188, Manicktala Main Road, PO. Kankurgachi, PS. Phoolbagan, Kolkata- 700054	Copper Scrap/Copper Oxide Mill Scale/Copper Residue/Waste Copper and Copper Alloys, Copper Slag and Copper Dross	250	14
62	Azad Metal Works 158 B, Picnic Garden Road, PO. & PS. Tiljala, Kolkata-39	Used lead acid battery plates / lead scraps	300	75
63	Pigments & Chemical Industries Pvt. Ltd. Plot No. P-50 to P-55, P-64 & P-67, WBSIDC Industrial Estate, Mouza - Sadatpur, P.O: Rakhajungle, P.S: Kharagpur Local, Dist: Paschim Medinipur, Pin - 721304.	Zinc dross	6808	240.194
64	Pinkto Chemicals 28, B.T.Road, PO. Sukchar, PS. Khardah, PIN. 700115	Zinc Ash / Zinc Skimmings / Zinc Dross	720	54.095

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
65	Usha Metal Industries 26/5/B, A. M. Ghosh Road, PO. & PS. Budge Budge, Kolkata- 700137	Lead Acid Battery Plates and Lead Scraps	500	46
66	Howrah Drums Chandmari Road, PO. Danesh Shaik Lane, PS. Sankrail, Dist. Howrah, PIN. 711109	Contaminated Drums	180	76.31
67	Vas Petro Chemicals Pvt. Ltd. PO: Jamira, PS: Falta, Dist: 24 Pgs (S), Pin - 743504	Used Oil	312	0
		Waste Oil	15600	0
		Used Transformer Oil	3120	0
68	Ramco Metals Pvt. Ltd. (Formerly: Star Metal Dabgram Industrial Estate, PO. Sattelite Township, PS. Rajgunj, PIN. 734015Industries)	Lead Acid Battery Plates / Lead Scraps	420	Production not started yet
69	Salts & Chemicals Pvt. Ltd. Vill & PO. Sugandha, PS. Polba, Hoogly PIN. 712102	Zinc ash/Zinc dross	400	16.38
70	R. S. Oil Industries Jalan Complex, Jangalpur, PO. Begri, Baniyara, PS. Domjur, Dist. Howrah, PIN. 711411	Used oil	4800	1281.089
		Waste Oil	24000	47.36
71	Bright Engineering Corporation Bright Engineering Corporation NH-6, Vill & PO: Bhandardah, PS: Domjur, Dist: Howrah, Pin – 711 405	Zinc Ash / Skimming	900	ZnCl2 Pdn. not started yet
72	Gem Chemical Industries 166/6, Mirpara Road, Bhattanagar, Liluah, Howrah 711203	Zinc Ash (skimmings)	350	51.52
73	Arjun Enterprise Dakshin Dutta Para Bazar, PO. Haripukuria, PS. Haringhata, PIN. 741257, Dist Nadia	Insulated Copper Wire Scrap, Copper with PVC sheathing including 'Druid', jelly filled Copper Coldes, Copper Dross	600	140.741

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
		and Waste Copper and Copper Alloys, Zinc Dross, Zinc Ash and Zinc Skimming and Brass Dross		
74	Panna International 40/1, 'A' Road, Bamangachi, Salkia, Dist. Howrah	Zinc Ash and Zinc Skimming	1200	428
75	Amar Trades Ltd. Khamar, Bishnupur, PO. & PS. Rajarhat, Kolkata-700 135	Vanadium sludge from aluminium refinery	300	285.22
76	M. S. Drum Suppliers 26/5/F, A. M. Ghosh Road, PO.& PS. Budge Budge 700137	Contaminated Drums	300	270
77	Bhanu Metal Industries Vill: Khamar, PO: Rajarhat Bishnupur, PS: Rajarhat, Dist: 24 Pgs. (North), Pin - 700 135	Lead Acid Battery plates, Lead ash and dross	1150	Production not started yet
		Lead Scrap	1900	
		Copper Scrap, Ash, Dross, Druid, Jelly Filled Copper Cable and Copper Alloys	300	
		Brass Scrap	100	
78	APL Metals Ltd. Kanakpur, PO Naranda, Panskura, Dist. E.Midnapore, 721139	Lead Acid Battery Plates and Lead Scrap	63000	14312
79	Ambica Dhatu Pvt. Ltd. NH No. 6, PO.- 8, Vill. Biprannapara, Jalan Industrial Complex, Jangalpur, PIN. 711411	Zinc dust	3000	1437.16

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
		Zinc dross	1500	845.43
80	Ganga Metal Industries Plot. 15 C, Debgram Industrial Estate, Fulbari, Jalpaiguri 734015, Dist. Jalpaiguri	Lead Acid Battery Plates and Lead Scrap	720	100
81	Eastern Dye Chem (P) Ltd.,P.O. East Udairajpur, Madhyamgram, Kolkata-700 129.	Copper Scrap / Copper Oxide / Mill Scale / Copper Residue / Waste Copper and Copper Alloys, Copper Slag and Copper Dross -	500	79
82	Golden Metal Industries, 265/A/1/A, G.T. Road, Liluah, Dist. - Howrah, Pin-711204	Copper Scrap	78	10
		Brass scrap	36	
		Zinc scrap	12	
83	Plumbum Chemicals & Pigments Pvt. Ltd. Unit-II (Formerly: Bengal Metal Industries), Khamar, Bishnupur, PO. & PS. Rajarhat, PIN. 743510	Lead scrap & Lead acid battery scrap	3000	24.714
84	Alfa Pigment & ChemicalsPO: Dankuni, PS: Dankuni, Dist: Hooghly, Pin – 712 310	Zinc Dross	2400	88.328
85	Rajnath Metal Works, 158B, Picnic Garden Road, Kolkata - 700 039.	Used lead acid battery plates	300	AR Not submitted
86	Shiv Shankar Metal Works, 157 A, Picnic Garden Road, P.O. Tiljala, Kolkata -39.	Used lead acid battery plates	150	AR Not submitted
87	Ram Dular & Bros, 157A, Picnic Garden Road, Kolkata-700 039.	Used lead acid batteries plates / lead scraps	150	AR Not submitted
88	Ambica Chemical & Industrial Corporation, 68, Debendra Chandra Dey Road, P.O. & P.S.- Tangra, Kolkata - 15	Zinc Ash/Skimming	1600	AR Not submitted

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
		Zinc Dross/Zinc Scrap	400	
89	Sunflower Metal Industries, Vill. & Mouja - Dhulagorhi, Kandua, P.O. Bhagabatipur, P.S. Sankrail, Howrah-711 302.	Lead Acid Battery Plates and Lead Scrap	336	
90	Global International, Vill. & PO. Lakshmanpur, PS. Domjur, Dist. Howrah-711 114.	Lead Acid Battery Plates,Lead Scrap and Lead Ash	564	AR Not submitted
91	Krishna Metal, Vill. & PO. Lakshmanpur, PS. Domjur, Dist. Howrah - 711 114.	Lead Acid Battery Plates and Lead Scrap	384	AR Not submitted
92	Ram Dular & Brothers, Unit II, Bombay High Road, Vill. Jala Dhulagori, P.O. Dhulagori, Dist.-Howrah	Lead Acid Battery Plates and Lead Scrap	720	AR Not submitted
93	Eastern Copper Manufacturing Co. Pvt. Ltd., Baniara Industrial Estate, Jalan Complex, Jangalpur, P.O.: Baniara, P.S.: Domjur, Howrah- 711 411.	Copper scrap, copper dross, copper ash, waste copper & copper alloys, insulated copper wire, scrap/copper with PVC sheathing including ISRI Code material mixed non ferrous metal	2400	AR Not submitted
94	Ansh Metal WorksVill & P.O.: Islampur, P.S.: Jagatballavpur, Howrah. Pin- 711 401.	LA Battery plastes, lead acrap/lead residues and lead ash	900	AR Not submitted
95	A. H. Metal Works Kantalia, Makardah, PO: Nibra, PS: Domjur, Dist: Howrah, Pin - 711 409	Lead Acid Battery Scrap	360	AR Not submitted
96	Bright Metal Company PO: Bankra, PS: Domjur, Howrah – 711 403	Lead Acid Battery Scrap	1440	AR Not submitted

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
97	R. S. Metal IndustriesVill: Chinchuria, PO: Nuni PS: Barabani, Dist: Bardhaman Pin – 713341	Lead Scrap and Lead Acid Battery Scrap	1200	AR Not submitted
98	Ma Durga Metal WorksPO: Dhulagori, PS: Sankrail Dist: Howrah, Pin - 711 302	Lead Scrap	3000	
		Lead Acid Battery Scrap	1000	AR Not submitted
99	Shiba Durga Chemicals PO: Tulsiberia, PS: Uluberia, Dist: Howrah, Pin – 711 401	Zinc Dust / Dross	18	
		Zinc Ash / Skimming	276	AR Not submitted
100	B. A. Metal, Rajarampur, PO: Shyambasurchak, PS: Kulpi, Dist: 24 Parganas (South)	Aluminium Dross	3240	AR Not submitted
101	Tinna Rubber & Infrastructure Ltd. Dighasipur, PO & PS: Bhabanipur, Dist: Medinipur (East) : Pin-721666	Rubber Waste	150	AR Not submitted
102	Trirubber India Inc.P.O.-Hariatara, P.S.-Kharagpur(Local) Dist. – Midnapore (W), PIN-721304	Rubber Waste	24000	AR Not submitted
103	Ashirbad Enterprise Vill & PO: Chagram; PS: Kalna, Dist: Bardhaman; Pin – 712145	ETP Sludge of Paper Mill	1980	AR Not submitted
104	Pooja Paper Industries Vill: Benipur (Palpara); PO: Tribeni; PS: Mogra, Dist: Hooghly; Pin – 712 503	ETP Sludge of Paper Mill	900	AR Not submitted
105	Somra Board Somrabazar, PO: Somra, PS: Balagarh; Dist: Hooghly; Pin – 712 123	ETP Sludge of Paper Mill	396	AR Not submitted
106	Sagar Chemical & Solvent Mondalpara, P.O.- Bamunari P.S.- Rishra, Dist. – Hooghly, PIN- 712250	Spent Solvent (20.2, 26.4, 28.6, 29.4 of Sch I of HOWM Rules 2016)	900	AR Not submitted
107	Raj Chemical Vill. & P.O. – Lakshmanpur, P.O. – Domjur, Howrah-711323	Zinc dross	200	
		Zinc ash/ skimmings/ flux	100	AR Not submitted
108	J.G. Chemicals Pvt. Ltd., 189 Girish Ghosh Road, Belur, Howrah	Zinc scrap / Zinc dross	1620	1308.373

S.No	Name and Address of the Facility	Type of Hazardous Waste authorised for recycling	Authorized Recycling / Utilization / Co-Processing Capacity (MTA)	Quantity Recycled/ Utilized/ Co-processed (MT)
109	Indian Drum Suppliers 26/5/G, A. M. Ghosh Road, PO. & PS. Budge Budge	Contaminated Drums	59.5	AR Not submitted
110	Inspec Oils Limited, B/122, Phase-III, Kalyani, Dist. Nadia.	Used Oil	3300	AR Not submitted
111	Berger Paints India Ltd. 106, G. T. Road, PO: Rishra, Dist: Hooghly	Spent solvent	30	9.568
112	Berger Paints India Ltd. 14&15 Swarnamoyee Road, Shibpur, Howrah - 711 103	Spent solvent	168	42.98

Table 32(h): West Bengal-Details of Hazardous waste disposed in Common TSDF(s)

S.No	Name and Address of the TSDF	Quantity in Stock at the beginning of the year (MT)		*Quantity of Hazardous Waste Received (MT)			Quantity of Hazardous Waste Disposed (MT)			Quantity Pre-Processed for utilization (MT)	Quantity in Stock at the end of the year (MT)		Cumulative HW disposed in SLF by the end of financial year (MT)	Capacity		
		Landfillable	Incinerable	For Direct landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated		Landfillable	Incinerable		Incinerator (KCal)	Incinerator (T/H)	Landfill (MT/A)
1	M/s West Bengal Waste Management Ltd. J.L. No. 103, Purbasrikrishnapur, P.S. Sutahata, Haldia-721635	0	591.438	11797.57	21454.78	9661.1	11797.57	37206.79	10604.85	NIL	0	240.534	49004.36	5500000	1.5	180000

Table 32(i): West Bengal-Details of Hazardous waste disposed in Captive TSDF(s)

S. No.	Name and Address of Captive facility	Type of facility (landfillable/Incinerable /both)	Capacity		HW disposed during the year	Cumulative HW disposed till the end of financial year
			Incinerator (T/H)	Landfill(MT/A)		
1	M/s West Bengal Waste Management Ltd. J.L. No. 103, Purbasrikrishnapur, P.S. Sutahata, Haldia-721635	Landfillable & Incinerable	1.5	1,80,000	49004.36	49004.36

ANNEXURE-3
THE DETAILS OF 52 STANDARD OPERATONG PPROCEDURE FOR UTILIZATION OF HAZARDOUS WASTE

Table : List of 52 SoPs developed by CPCB for utilization of Hazardous Waste under Rule 9 of HOWM Rules, 2016

S. No	Name of HW	Source of generation	Type of utilization/Intended use
1	Spent Solvent (containing Toluene, Xylene, Cyclohexane, Acetone, Methyl isobutyl ketone, Methanol, Isopropyl alcohol, Methylene Dichloride, Tetra Hydro Furan, Ethyl Acetate, Iso Propyl Ether, Dimethyl formamide, Butyl acetate, Methyl Acetate, Butanol, Benzene, Ethanol and Methyl Ethyl Ketone)	Industrial use of solvents; production or industrial use of synthetic dyes, dye intermediates and pigments; production/formulation of drugs/pharmaceuticals and healthcare products and production and formulation of pesticides including stockpiles	Recovered solvents/mixed solvents for Industrial use
2	APCD Dust/ Residue	LD Furnace/Electric Arc Furnace (EAF)/Blast Furnace of Steel Plant/captive Blast Furnace and Ferro-Alloy Plant	As Briquettes for further use in blast furnace to produce pig iron.
3	Spent Catalyst containing precious metals and ETP Sludge containing platinum	Petrochemical process and pyrolytic operation, petroleum refining, production of acids, production of nitrogenous and complex fertilizers, production/formulation of drugs/pharmaceuticals and ETP sludge	Recovery of Precious metals - Platinum, Iridium, Osmium, Palladium, Rhodium, Ruthium, Rhenium, Gold & Silver
4	Spent H_2SO_4	Pickling operations of MS rods / sheets	Ferrous Sulphate (Not to be used in drinking water purification and to be used only for industrial purposes)
5	Spent Acid - Containing Molybdenum	Filament and bulb Industry	Molybdenum Trioxide
6	Spent HCl	Metal surface cleaning in steel and rolling industry	Ferric Chloride (Not to be used in drinking water purification or agriculture applications and to be used only for industrial purposes)
7	Used Anode butt	Aluminium Smelter units	Carbon pellets and high energy coke for use in Steel

S. No	Name of HW	Source of generation	Type of utilization/Intended use
			furnaces/foundries
8	Used Anode butt	Aluminium Smelter units	Carbon blended coke/ electrode carbon paste/carburizer for use in Steel or Ferro Alloy furnaces
9	Used Anode butt (Pre-processed)	Aluminium Smelter units	Green anodes for use in Aluminium Smelters
10	Used Anode butt (Pre-processed)	Aluminium Smelter units	Carbon Electrode Paste for use in Ferro Alloy Plants
11	Coal Tar/Tarry Residue	Coal gasifier units	As supplementary fuel in furnace of sodium silicate units
12	Contaminated Container/ barrels/ drums	Pharmaceuticals, food processing, cosmetic, textile, paint formulation and beverages industries	Cleaned barrel and drums for industrial use and/or production of plastic granules.
13	Process and primary sludge of ETP – Pulp and Paper	Paper & Pulp Industry	Paper Board/ Mill Board / Card Board
14	Aluminium Dross	Refining and casting house of Aluminium smelter units	To recover aluminium metal (captive use)
15	Aluminium Dross	Refining and casting house of Aluminium smelter units	To recover aluminium metal
16	Oil based iron sludge	Grinding mill section of Ball & Roller bearings	Ferrous Sulphate (Not to be used in drinking water purification or agriculture applications and to be used only for industrial purposes)
17	Spent catalyst - Containing Mercury and mercury waste	Various industry	Mercury
18	Spent H_2SO_4 containing organic compounds	Dye and Dye intermediates units	Chemical Gypsum for use in cement plants
19	Spent fixer (hypo) solution	Photography / X-rays films	Silver metal for various use
20.	Hydro fluoro silicic acid – Acidic scrubber solution	Single Super Phosphate manufacturing industry	Recovered Sodium Silico Fluoride (Sodium fluorosilicate)for use in Glass industry.

S. No	Name of HW	Source of generation	Type of utilization/Intended use
21.	Spent Sulphuric Acid	Para Nitro Toluene Ortho Sulfonic Acid/Oxadiargyl Anthrquinone manufacturing industry	Ferrous Sulphate
22.	Vanadium Sludge	Alumina refineries	Vanadium metal
23.	Phenolic Waste water	Coal Gasifier condensate water	Quenching of hot gases in After Burning Chamber of Direct-reduced iron (DRI) kiln of Sponge Iron Industry
24.	Chemical sludge(Primary sludge) of ETP	Pulp & Paper Industry	For energy recovery in Atmospheric Fluidized Bed Combustion (AFBC) Boiler/Pressurized Fluidized Bed Combustion (PFBC) Boiler/Circulating Fluidized Bed Combustion (CFBC) Boiler for steam or electricity generation
25.	Spent Carbon (Carbon Slurry)	Urea manufacturing plant	Quenching of carbon slurry in the reactor for manufacturing carbon black.
26.	Spent Acid containing Molybdenum compound	Bulb filament manufacturing industries	Ammonium Molybdate
27.	Resin Waste (mixture of Bisphenol A and Epichlorohydrin)	Resin impregnation of electrical coils power/hydro equipments industries	For manufacturing of High Tension/Low Tension Insulators
28.	Spent Alumina	Polymerization in SWING unit of Petrochemical Plant	For manufacturing of Refractory material like Insulation bricks, Mortar, Castables, High Alumina bricks
29.	Spent Ion Exchange Resin	Demineralization (DM) Plant	For energy recovery in boiler for steam or power generation
30.	Spent Ion Exchange Resin	Demineralization (DM) Plant	For energy recovery in Direct-reduced iron (DRI) kiln of Sponge Iron Industry

S. No	Name of HW	Source of generation	Type of utilization/Intended use
31.	Tungsten Scrap	Metal cutting operation (using Tungsten carbide insert), mining tool buttons and worn out drills	For manufacturing Tungsten Carbide Powder.
32.	Spent Pot Lining	During Production of Primary Aluminium from Alumina Smelting Industries	As a supplementary resource for manufacturing of Carbon Mineral Fuel
33.	Spent Sulphuric Acid	During manufacturing of 4,4 Diaminobenzene Sulphanilide	Isolation and purification of 2-NADSFA & 6-Acetyl APSA
34.	Coal Tar/Tarry Residue	Coal gasifier units	As supplementary fuel in furnace for energy recovery in Frit manufacturing units
35.	Gasifier Slag containing Nickel & Spent Catalyst containing Molybdenum	Nitrogenous Fertilizer Industry	For manufacturing of Alloy steel ingots and stainless steel ingots
36.	Synthetic Oil based mud/drill cuttings	Generated from Oil & Natural Gas Exploration	Road Construction / Oil recovery
37.	Flue Gas Cleaning Residue	Bag filter connected to steel scrap melting induction furnace	Zinc Metal extraction
38.	Spent Sulphuric Acid and Spent Sodium Thiosulphate	Spent Sulphuric Acid (generated during manufacturing of 3, 5-Dichloro Nitro Benzene) and Spent Sodium Thiosulphate (generated during manufacturing of 3, 5-Dichloro Aniline and m-Chloro Aniline)	For manufacturing of Nitrosyl Sulphuric Acid (NSA)
39.	Spent Phosphoric Acid	Generated during manufacturing of	Dibasic Calcium Phosphate
40.	Spent Sulphuric Acid	Generated during manufacturing of Vinyl Sulphone	For production of H-acid
41.	Waste Dichromate Solution	Generated during manufacturing of Ibuprofen	For production of Basic Chromium Sulphate
42.	Used Waste Thinner	Generated during cleaning of paint feeding lines using solvents	For manufacturing of Industrial Primer to be used as Automotive Paints

S. No	Name of HW	Source of generation	Type of utilization/Intended use
43.	Spent Aluminium Chloride	Generated during the production of CPC Green and 2, 4, 6-Trimethyl Benzoyl Chloride	As a supplementary resource to manufacture liquid Aluminum Hydroxide Chloride/ Poly Aluminum Chloride for further use in ETP (as coagulant) and paper industry (as sizing material) .
44.	Spent Sulphuric Acid	generated during manufacturing of G-Salt	for production of R-Complex and Gamma-acid
45.	Spent Ammonium Chloride	generated during manufacturing of Hexamethyl Disilazane	production of Ammonium Chloride
46.	Spent Sulphuric Acid	generated during manufacturing of 4, 4-Diaminobenzesulfanilide (DABSA)	for manufacturing Para Amino Benzene Sulphonic Acid (PABSA)
47.	Spent Liquid Glauber Salt	generated from ethoxylation step of Para Base Vinyl Sulphone manufacturing process	for manufacturing of Reactive Dye (Reactive Orange 2R)
48.	Spent Alkali Bromide and Spent Acid Bromide	Generated during manufacturing of pesticides, pharmaceuticals, and organic chemicals.	For production of liquid bromine
49	Spent Sulphuric acid	Generated during dye & dye intermediates and chemical manufacturing process.	As a neutralizing agent in CETP/ETP
50	Spent Ammonium Carbonate	Generated during manufacturing of Copper Pthalocyanin blue (CPC Blue)	For manufacturing of zinc carbonate and copper carbonate
51	Spent Aluminium dross residue/ rejects	Generated from aluminium smelting process	For production of calcium aluminate (synthetic slag)
52	Tarry residue waste	From coal gasifier unit	For production of Creosote oils and Coal tar pitch

ANNEXURE-4

DETAILS OF AVAILABLE COMMON INTEGRAED TSDFs, COMMON INCINERATION & COMMON SECURED LANDFILL

Table 289: List of Available Common TSDFs with Common Incineration & Secured Landfill

S.NO	State	Name and Address of Common TSDF	Facility Type
1	**Andhra Pradesh**	M/s Coastal Waste Management Project, Plot No:84/A, 84/B, Road No:20/5, E. Bonangi, JNPC, Parawada(M), Lankelapalem, Visakhapatnam.	Integrated Facility (Both Secured landfill and Incinerator)
2	**Gujarat**	M/s Saurashtra Enviro Projets Pvt. Ltd. Survey No 415, 417 & 418, Village Juna Katariya, Tal Bhachau Dist Kutch	Integrated Facility (Both Secured landfill and Incinerator)
3		M/s Bharuch Enviro Infrastructure Ltd. Plot No. 9701-16, GIDC, Ankleshwar-393002 (Gujarat)	Integrated Facility (Both Secured landfill and Incinerator)
4		M/s Bharuch Enviro Infrastructure Ltd Plot No D-43, GIDC,Dahej-392130 Gujarat	Secured land fill facility
5		M/s Nandesari Environment Control Ltd., 519-P, GIDC, Nandesari, Dist. Vadodara **(Details not provided in the Annual inventory report 2017-18)**	Integrated Facility (Both Secured landfill and Incinerator)
6		M/s Vapi Green Enviro Ltd. Plot No: 4807, etc. Phase IV GIDC, Vapi, Dist : Valsad, State: Gujarat.	Secured land fill facility
7		M/s Gujarat Maritime Board, Solid Waste Site, S.No. 325/1/1, Manar, Alang Dist. Bhavnagar (GEPIL Unit Alang)	Integrated facility (Both Secured landfill and Incinerator)
8		M/s Geohybrid Industrial Solution Pvt. Ltd. Plot No A 33/35, Gujarat Eco Textile Park, Palsana Crossing NH-8, District Surat–394 315, Gujarat	Standalone Incinerator
9		M/s Eco Care Infrastructures Pvt. Ltd. S. No. 127/1, 127/2, 128, 132/1, 132/2, 131, 132/2/2, 125/6, 125/3, Village-Ghaspur, Tal-Dasada,	Secured land fill facility
10		M/s Saurashtra Enviro Projets Pvt. Ltd. Survey No D-2/CH-135, GIDC Dahej Idustrial Estate, Taluka Vagra Dist-Bharuch, Surat	Standalone Incinerator
11	**Haryana**	M/s Gujarat Env. Protection & Infrastructure (Haryana) Pvt. Ltd. Near Pali Mohhabatabad Stone Crusher Zone, Pali, Faridabad, Haryana	Integrated Facility (Both Secured landfill and Incinerator)
12	**Himachal Pradesh**	M/s Shivalik Solid Waste Management Ltd., Vill. Majra, P.O. Dabhota. Ten. Nalagarh, Distt. Solan (HP)	Secured land fill facility
13	**Jharkhand**	M/s Adityapur Auto Cluster (Ramky Enviro Engineers Ltd.) Plot No.-43, Khata No-529, Dungi Mouza, District-Saraikela-Kharswan, Jharkhand-833210	Integrated Facility (Both Secured landfill and Incinerator)

14	**Karnataka**	M/s Karnataka Waste Management Project (A Division of Ramky EEL)KIADB,Industrial Area, Dobbaspet, Nelamangal Tq, Bangalore RuralDistt-562111 **(Details not provided in the Annuaal inventory report 2017-18)**	Secured land fill facility
15		M/s Mother Earth Environ Tech Private Limited Plot No 217, 2nd phase KIADB Industrial Area, Harohalli, Kanakapura Taluk, Ramanagara Distric, Bangalore-562112	Secured land fill facility
16		M/s Haat Incinerators India Pvt. Ltd. #35 B&C, Jigani Industrial Area, Bangalore-560105	Standalone Incinerator
17		M/s. Century Refineries (P) Ltd. # 17 A&B, KIADB Indl. Area, Hoskote Taluk, Bengaluru-562114 **(Details not provided in the Annuaal inventory report 2017-18)**	Standalone Incinerator
18		M/s Gomti Incinco, # 3 – B-2, 1st Phase, KIADB Indl Area, Kumbalgodu, Mysore Road, Bangalore – 560 074	Standalone Incinerator
19		M/s Bangalore Incinerator Pvt. Ltd., No. 28, KIADB Industrial Area,Kallanayakana Village, Huthridurga Hobli, Kunigal Taluk, Tumkur**(Details not provided in the Annuaal inventory report 2017-18)**	Standalone Incinerator
20		M/s Bangalore Eco Park (P) Ltd. No 2968, KIADB Industrial Area, Sompura 1st Stage, Nidavanda, Nelamangala, Bengaluru Rural District.**(Details not provided in the Annuaal inventory report 2017-18)**	Standalone Incinerator
21		M/s E Nano Incintech, Plot No.,342-B, of Harohalli Industrial Area,2nd Phase, 2nd Sector, Ramanagar	Standalone Incinerator
22	**Kerala**	M/s Kerala Enviro Infrastructure Ltd., Common TSDF Project, Inside Fact-CD Campus, Ambalmedu, Kochi-682 303	Secured land fill facility
23	**Madhya Pradesh**	M/s Madhya Pradesh Waste Management Project, Plot No. 104, Industrial Area-II, Pithampur, Dist.: Dhar (M.P.)	Integrated Facility (Both Secured landfill and Incinerator)

24	**Maharashtra**	M/s Maharashtra Enviro Power Ltd. Plot No. CHW-01, At Village Mandwa, MIDC Butibori, Taluka-Hingna Dist –Nagpur-441122	Integrated Facility (Both Secured landfill and Incinerator)
25		M/s Maharashtra Enviro Power Ltd. Plot No. 56, MIDC Ranjangaon, Taluka-Shirur, Dist – Pune.	Integrated Facility (Both Secured landfill and Incinerator)
26		M/s Mumbai Waste Management Ltd., Plot No. P-32, MIDC Taloja, Tal: Panvel, Dist. Raigad- 410 208	Integrated Facility (Both Secured landfill and Incinerator)
27		M/s Trans Thane Creek Waste Management Association, Mahape, Plot No. P-128, Shil Mahape Road, Mahape Navi-Mumbai -400710	Secured land fill facility
28	**Odisha**	M/s Odisha Waste Management Project, Plot No 420/648/1, Near Village Kanchichuan PO Mangalpur,Sukinda, Distt- Jajpur	Secured land fill facility
29	**Punjab**	M/s Punjab Waste Management Project Vill.:- Nimbua PO:- Rampur sainia (Derabasi)Distt.:- Mohali Pb) Opp.:- Vardhman Chemtech Ltd.	Secured land fill facility
30	**Rajasthan**	M/s Rajasthan Waste Management Project (M/s Ramky Enviro Engineers Ltd) Survey no. 1018/13, Vill-Gudli,Tehsil-Mavli, Zinc Choraha to Debari Railway Station Road, Dist-Udaipur (Rajasthan)	Secured land fill facility
31		M/s Balotra Waste Management Project (Div of Ramky Enviro Engineers Ltd) Survey No. & Plot No-1114/274/13 &1115/274/14,Village-Kher,Tehsil-Pachpadra,Dist-Barmer (Rajasthan)	Secured land fill facility
32		M/s Continental Petroleum Ltd., Plot No. A-166 & 162-165, RIICO Industrial Area, Behror - 301 701 , Distt- Alwar	Standalone Incinerator
33	**Tamil Nadu**	M/s Tamilnadu Waste Management Ltd (M/s Ramky Agencies, Hyderabad) Gummidpoondi in Thiruvallur District	Integrated facility (Both Secured landfill and Incinerator)
34		M/s Tamilnadu Waste Management Ltd (M/s Ramky Agencies)S.F. No-135-140,143-148,152 Undurmikidakulam, Tiruchuli-TK, Virudhunagar-626129	Secured land fill facility
35	**Telangana**	M/s Hyderabad Waste Management Project, Survey No.684/1: Dundigal Village; Qutbullapur Mandal; R.R.Distt-43	Integrated Facility (Both Secured landfill and Incinerator)
36	**Uttar Pradesh**	M/s Bharat Oil & Waste Management Ltd. Gate No. 672, Vill. Kumbhi, NH-2, Kanpur Dehat (UP)	Integrated Facility (Both Secured landfill and Incinerator)

37		M/s Uttar Pradesh Waste Management Project (M/s Ramky Enviro Engineers Ltd.,) Plot No. 672, Village – Kumbhi, Tehsil: Akbarpur, on Sikandara Road-NH –2, Dist – Kanpur Dehat (U.P.)	Integrated Facility (Both Secured landfill and Incinerator)
38		M/s Industrial Infrastructure Services (India) Ltd. UPSIDC Leather Technology Park Banthar, Unnao,	Secured land fill facility
39		M/s Bharat Oil Company (India) Regd., E-18, Site IV, Sahibabad Industrial Area, Ghaziabad, UP 201010,	Standalone Incinerator
40	**Uttarakhand**	M/s Bharat Oil & Waste Management Ltd. Mauza Mukimpur, Roorkee-Laskar Road, Roorkee, Haridwar	Integrated facility (Both Secured landfill and Incinerator)
41	**West Bengal**	M/s West Bengal Waste Management Ltd. J.L. no. -103, Mouza- Shrikrishnapor, P. S. -Sutahata Dist- Purba Midnapore, Haldia- 721 635 (W.B.).	Integrated facility (Both Secured landfill and Incinerator)
42	**Daman, Diu, Dadra & Nagar Haveli**	M/s Gujarat Enviro Protection & Infrastructure (D&NH) Pvt Ltd, Survey no. 9/1, Mota Randha Village,Silvassa-396230	Integrated facility (Both Secured landfill and Incinerator)