

Annual Inventory of Hazardous Waste for the year 2015-16 under Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016

Format-A for submission of Annual Inventory of Hazardous waste Management by Occupiers

Haryana State Pollution Control Board

Year: 2015-16

Name of the District	Number of HW Generating Industry	Quantity of Hazardous Waste as per authorization (MTA)	Quantity of Hazardous Waste Generated 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 HW stored at Occupier premises at the end of the year (MT)
1	2	3	4	5	6	7	8	9	10	11	12	13
Yamuna Nagar	150	5305.14	4906.12	0	79.03	0	5.60	0	0	1133.73	0	3687.76
Karnal	83	1486.60	1286.80	0	28.12	0	3.30	0	0	282.05	0	973.34
Panipat	365	9770.916	9770.916	228.78	564.53	0	0	0	5298.88	4.75	545	3128.973
Gurgaon	630	8612.815	7480.7	0	4160	28.47	320.1	0	0	2180	0	792.13
Rewari	166	3388.63	3388.4	0	3016.5	321.89	0	0	0	50.01	0	0
Mohindergarh	5	1.36	1.36	0	1.36	0	0	0	0	0	0	0
Sonepat	345	1090.083	830.24	0	487.25	53.33	174.815	0	0	87.903	0	26.942
Faridabad	227	2089.2	2089.2	0	1136.31	0	0	0	0	35	0	917.89
Jind	13	10.421	6.903	0	4.264	0	0	0	0	1.389	0	1.25
Bhiwani	12	22.132	12.132	0	8.969	0	0	0	0	2.068	0	1.095
Kaithal	5	1.192	1.192	0	1.003	0	0	0	0	0	0	0.178
Panchkula	134	2463.65	2148.3	0	850.93	0	395.4	0	0	3.68	0	898.29
Gurgaon	535	19016.43	19016.432	325	956.04	911.4	7375.66	7813.662	0	1317.67	0	317
Hisar	62	1393.337	1334.821	0	170.68	0	4.52	0	0	1158.92	0	0
Fatehabad	5	17.33	17.33	0	16.2	0	0.03	0	0	1.1	0	0
Sirsa	18	41.885	41.885	0	36.38	0	4.1	0	0	1.4	0	0
Faridabad	248	3700.98	3700.98	0	2620.21	0	74.84	0	0	263.07	0	742.85
Jhajjar	168	3849.745	3849.745	0	1974.96	1820.06	0	0	0	54.73	0	0
Rohtak	86	1753.351	1753.351	0	1036.521	576.55	0	0	0	140.28	0	0
Total	3257	64015.20	61636.807	553.78	17149	3711.7	8358.37	7813.662	5298.9	6717.75	545	11488

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

Name of SPCB/PCC: Haryana State Pollution Control Board

Year:

2015-16

Sr. No.	Type of Recycling Facilities	No. of Facilities authorized for re-cycling/utilization/ Co-Processing of HW	Total Authorized Capacity (MTA)	Quantity Recycled/Utilized/Co-processed (MT)
A	Commonly Recyclable HW			
1	Brass Dross	3	9968.75	3550
2	Zinc Bearing Wastes	22	161937	80372.29
3	Copper Bearing Waste	4	12168.75	3410.41
4	Spent Catalyst Containing nickel, cadmium, Zinc, copper, arsenic waste including battery waste	0	0	0
5	Lead bearing waste including battery waste	44	177150	58636.483
6	E-Waste	2	6060	2047.23
7	Paint and ink Sludge/residues	0	0	0
8	Used Oil	39	120377.69	49508.43
9	Waste Oil	6	282.05	282.05
	(Add new rows for other types of wastes)			
B	Utilization of HW under Rule 9			
1	Recovery of solvents from spent solvents		...Nil...	
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		...Nil...	
3	Utilization of Spent Catalyst to recover Platinum, Iridium, Osmium, Palladium, Rhodium, Ruthium, Rhenium, Gold & Silver		...Nil...	
4	Utilization of Spent H2SO4 generated from Pickling operations for manufacturing Ferrous Sulphate		...Nil...	
5	Utilization of Spent Acid containing Molybdenum generated from filament industries for producing Molybdenum Trioxide by heating process		...Nil...	
6	Utilization of Spent HCl generated from steel rolling mills for producing Ferric Chloride		...Nil...	
7	Utilization of used Anode But to produce carbon pellets and High Energy (HE) Coke for use in Steel Furnaces/Foundaries		...Nil...	
8	Utilization of Used Anode Butt to produce Carbon Blended Coke/Electrode Carbon Paste/Carburiser for use in Steel or Ferroalloy Furnaces		...Nil...	
9	Utilization of Pre-processed Used Anode Butt to Produce Green Anodes through Anode-Baking process for use in Aluminium Smelters		...Nil...	

10	Utilization of Pre-processed used Anode Butt generated to produce Carbon Electrode Paste.	...Nil...		
11	Utilization of Coar Tar/ Tarry Residue generated from coal gasifier for energy recovery in sodium silicate industry.	...Nil...		
12	De-contamination of contaminated drums/containers/barreis.	2	115000	115000
13	Utilization of process sludge and primary ETP Sludge generated from Pulp & Paper Industries for producing Paper Board/Mill Board/Card Board	1	14.4	14.4
14	Captive Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal	...Nil...		
15	Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal	...Nil...		
16	Utilization of Oil based iron sludge of Ball & Roller bearings for producing Ferrous Sulphate	...Nil...		
17	Utilization of Mercury Waste generated from various industry for recovering Mercury	...Nil...		
18	Utilization o Spen H2SO4 generated from Dye and Dye intermediates to produce gypsum suitable for use in Cements Plants	...Nil...		
	(Add new rows for other types of wastes)			
C	Co-Processing in Cement Plants	1	7813.662	7813.662

Format-C for Submission of the list of Authozied Recyclers/Utilizers/Co-processors of Hazarous Waste

Name of SPCB/PCC: Haryana State Pollution Control Board

Year: 2015-16

Sr. No.	Name and Address of the Facility	Type of Hazarous Waste Recycled	Authorized Recycling/ Utilization/ Co-processing Capacity (MTA)	Quantity Recycled/Utilized / Co-processed (MT)
1	ISGEC Heavy Engineering Ltd., (Laxmi Industires,) Village Rattangarh, Yamuna Nagar	Used Oil	2.37	2.37
2	ISGEC Heavy Engineering Ltd. (ISGEC), Saharanpur Road, Yamuna Nagar.	Used Oil	12.39	12.39
3	Haryana Distillery Ltd., 21-M, Industrial Area, Yamuna Nagar	Used Oil	0.24	0.24
4	Rajdev Intertrade (P) Ltd., W-9, Industrial Area, Jagadhri, Yamuna Nagar	Used Oil	1118.73	1118.73
5	Sagar Metallics, Durga Garden, Jagadhri	Zinc/ Copper	17501.50	5776.60
6	Shree Narayana Industry, Sahabad, Adoya Road, V.P.O.Thana Chhapar, Yamuna Nagar	Zinc/ Brass	16834.90	5823.30
7	Ashok Metal Refinery Works, Chhachhrauli Road, New Buria , Jagadhri.	Zinc/ Brass	16834.90	5823.30
8	Arun Metal Industries, Jesico Colony, Yamuna Nagar	Zinc/ Brass	16834.90	5823.30
9	Jai Hind Metal Industry, #1519, Near Kali Mandir, Old Chhachhrauli Road, Jagadhri	Zinc/ Copper	3989.50	5776.60
10	Shiv Metals, Gulab Nagar Chowk, Bilaspur Road, Jagadhri.	Zinc/ Copper	3959.50	5776.60
11	Upper India Smelting & Refinery Works, 11-E, Industrial Area, Yamuna Nagar	Utilization of process sludge	14.40	14.40
12	Carewell Lubricants Industry, Vill Sandhir, Nilokheri, Karnal.	Waste Oil Sludge	279.88	279.88
13	Piccadilly Agro Industries Distillary unit ., Bhadson, Indri, Karnal	Used Oil	0.06	0.06
14	Jai Ambay Tar Products, Vill Alipur Khalsa, Ghraunda, Karnal.	Waste Oil Sludge	0.36	0.36
15	Pooja Petro Chem, Khotpura Road, Vill Alipur Khalsa, Tehsil Gharunda, Karnal.	Waste Oil Sludge	0.05	0.05
16	Sun Shine Industries (Gill Tar Petro Chem.), .P.O.SHEIKHPURA KHALSA, Tehsil-Gharounda, Karnal	Waste Oil Sludge	0.05	0.05
17	Shiv Tar Petro, Kutail Link Road, Near Power House, Karnal	Waste Oil Sludge	0.05	0.05
18	The Karnal Co-operative Sugar Mills Ltd., # 3KM Stone, Meerut Road, Karnal	Used Oil	0.50	0.50
19	Piccadilly Agro Industries Sugar unit ., Bhadson, Indri, Karnal	Used Oil	0.10	0.10
20	Haryana Liquors (P) Ltd., Vill. Jundla, Distt. Karnal	Used Oil	0.68	0.68
21	S.R.S. Reclaim Rubber Industry, V.P.O. Kachawam, Shahpur Road, Distt. Karnal	Used Oil	0.04	0.04
22	Indian Oil Corporation, Indane Bottling Plant, Karnal, Kohand - Assandh Road, Gudha, Karnal	Used Oil	0.08	0.08
23	Surenderam Tar Products, V.P.O. Alipur Khalsa, Kohand, Karnal	Waste Oil Sludge	0.20	0.20
24	Friends Petro Chemicals & Allied Industries, Village Rare Kalan, Assndh Road Panipat	Oil	3100.00	4.76

25	Om Industries Enterprises, B-9, Prem Colony, Kundli	Lead acid battery plates	3000.00	160.00
26	Rana Enterprises, VPO Ferozpur Bangar, Kharkhoda, Distt. Sonapat	Lead acid battery plates	9000.00	25.94
27	V B Holding Pvt. Ltd., Khasra No. 23/21/2, Vill. Liwaspur, Sonapat	Lead acid battery plates & other lead scrap/residues	4200.00	170.00
28	D B Steel, Plot No. 408, HSIIDC, Barhi Sonapat	Lead acid battery plates, lead scrap, lead ash etc.	14400.00	25.95
29	Varun Enterprises (India), Prem Colony, Aggarwal Industrial Area, Kundli Sonapat	Lead Scrap/Lead acid battery plates	5000.00	186.45
30	Reliance Lube Oil & Grease Corp, Piao-Maniyari, Narela Road, Kundli Sonapat	Used Oil & Waste Oil	4224.00	8.50
31	Shri Giriraj Oil Co., Ferozpur Bangar, Kharkhoda, Distt. Sonapat	Used Oil & Waste Oil	6000.00	54.31
32	Om Petro Fines, Pio- Maniyari, Kundli, Sonapat	Used Oil & Waste Oil	6000.00	493.00
33	Divya Petro Product, Vill. Jat Joshi, Bahalgarh, Sonapat	Used Oil & Waste Oil	1000.00	45.00
34	Haryana Metal, Plot no. 32, HSIIDC, Hansi Road, Jind	Lead bearing residues, Cat. No. 9.1	900 MTA	800
35	Ridhi Sidhi Dhoop & Metal Industries, Plot No. 21, Jind	Lead bearing residues, Cat. No. 9.2	1200 MTA	1100
36	Jyoti Metals, Plot No. 65, HSIIDC, Jind	Lead bearing residues, Cat. No. 9.3	900 MTA	800
37	Guru Jyot metal, Plot No. 34, HSIIDC, Hansi Road, Jind	Lead bearing residues, Cat. No. 9.4	300 MTA	200
38	Relsons Engineers, 2 km Stone, Dhand Road, Kaithal	Lead bearing residues, Cat. No. 9.5	900 MTA	800
39	Luxmi Enterprises, Village Jui, Bhiwani	Oil Sludge emission, Cat. 4.1	4000 KL/Annum	3000 KLA
40	B.N. Concast P Ltd, 18, HSIIDC Complex, Barwala, Panchkula	used oil	3000 KLA	300 KLA
41	Mittal Battery, Plot NO. 349. IA, Phase-1, Panchkula	lead ingots, copper ingots	700	230.41
42	Cosmo Zincx Industries, #401, IA, Phase-1, Panchkula	zinc dross/ash/sceemin g	3950	2345.8
43	Floorex Tiles, Plot No. 198, IA, Phase-1, Panchkula	zinc ingots	2880	911.036
44	Fertichem Enterprises Pvt. Ltd, 404, IA, Phase-2, Panchkula	zinc ingots, brass ingot	4500	570.41
45	Stalwart Alloys India Pvt. Industries, Vill. Yari, adwa Road, Sahabad Markanda, Kurukshetra	lead unit	10000	3508
46	Parul Foods Specialities P Ltd., 167KM Stone, GT Road, Khanpur Koilan, Kurukshetra	lead unit	7500	520
47	GDM Industry, Vill. Dukheri Road, Mohra, Ambala	lead unit	210	28.5
48	Shree ram Metals, Vill. Tabar, Panchkula	zinc scrap, aluminium scrap	5000	3600

49	S.S Batteries, Lead P. No. 150, HSIIDC, IE, Barwala, Panchkula.	Lead acid battery plated scrap, ashes/residues	240	Not submitted
50	Indian Petro Chemicals Village Sikri, Ballabgarh, Faridabad	Used Oil	3000	2945
51	Satyam Petrochemicals, Plot No. 5, Sector 4, Faridabad	Used Oil	360	349.5
52	E-Waste Solution, Industrial Shed, 1A, Industrial Estate, Sec-6, Faridabad	E-Waste	1000	1000
53	Goel Oil Cointainers, Plot No. 745, Sec-58, Faridabad	Cleaning of drums & Canes	60000 Nos./Year	60000 Nos./Year
54	Bharti Oil & Containers Co., 1B, Sector-5, Faridabad	Cleaning of drums & Canes	55000 Nos./Year	55000 Nos./Year
55	ACE Metal, Vill. Kahanour, Rohtak.	lead bearing waste including battery waste	1800	684
56	Abhishek Industries, P. No. 116-117, IDC, Distt. Rohtak.	lead bearing waste including battery waste	330	260
57	Baba Metal Company, Village Baland, Distt. Rohtak	lead bearing waste including battery waste	1200	745
58	Brown Inds. Vill-Khairpur, Distt. Jhajjar	lead bearing waste including battery waste	0	0
59	Chetna Enterprises, P. No. 119, IDC, Rohtak	lead bearing waste including battery waste	0	0
60	Hindustan Enterprises, Vill-Khairpur, Distt. Jhajjar	lead bearing waste including battery waste	0	0
61	Jakhar Trading Co, Vill-Dhanirwas, Distt. Jhajjar.	lead bearing waste including battery waste	5400	2500
62	Blue Star Buildcon (P) Ltd, Kh No. 685/782/1, Main State Highway, Vill-Luhari, Distt. Jhajjar	lead bearing waste including battery waste	2700	1250
63	Arora Enterprises, Plot No. 24, IDC, Rohtak	lead bearing waste including battery waste	2250	1260
64	Balaji Enterprises, P. No. 184, HSIIDC, Distt. Rohtak.	lead bearing waste including battery waste	1200	735
65	Chirag Enterprises, Vill-Khairpur, Distt. Jhajjar	lead bearing waste including battery waste	5000	2600
66	Deep Metal, Vill-Baland, Distt. Rohtak	lead bearing waste including battery waste	1080	755
67	Durga Industries, P. No. 262, HSIIDC, Rohtak	lead bearing waste including battery waste	3000	1450
68	Guru Nanak Enterprises, Singhpura Road, Distt. Rohtak	lead bearing waste including battery waste	1400	850

69	Giriraj Metal, P. No. 39, HSIIDC, Rohtak	lead bearing waste including battery waste	2500	1350
70	Leading Metals (P) Ltd, P. No. 35, Sec-16, HSIIDC, Bahadurgarh	lead bearing waste including battery waste	14400	10050
71	Master Metal, Vill. Baland, Distt. Rohtak	lead bearing waste including battery waste	1800	930
72	Nav Durga, Plot No. 199, HSIIDC, Rohtak	lead bearing waste including battery waste	3000	1260
73	Odhav Met Trade (P) Ltd, Vill-Ismaila, Sampla, Distt. Rohtak.	lead bearing waste including battery waste	6000	3240
74	Om Hari Om Enterprises, Village Sidhipur, Distt. Jhajjar	lead bearing waste including battery waste	1950	750
75	Shri Ram Industries, P. No. 94, HSIIDC, Distt. Rohtak	lead bearing waste including battery waste	2400	1260
76	Shri Guru Nanak Auto Indl. Corpn., P. No. 169, IDC, Hissar Road, Distt. Rohtak	lead bearing waste including battery waste	1400	850
77	Sonu Metal, Vill. Baland, Distt. Rohtak.	lead bearing waste including battery waste	1080	750
78	Santosh Industry, P. No. 142, HSIIDC, Rohtak	lead bearing waste including battery waste	1050	720
79	Shree Ram Inds, Vill-Parnala, Distt. Jhajjar.	used oil	4800	3200
80	Bhagwati Inds, P. No. 59, IDC, Hissar Road, Distt. Rohtak.	used oil	4800	3150
81	Bharat Oil & Grease Co. C-4/15, M.I.E., Bahadurgarh	used oil	2880	1625
82	G.S. Bharat Oil Refinery, P. No. 351 MIE-A, Bahadurgarh	used oil	3000	1700
83	Global Natural Petro Industries, D-R Road, Vill-Sankhol, Distt. Jhajjar.	used oil	4959	2250
84	Haryana Industrial Oil Co., Nazafgarh Road, Bahadurgarh.	used oil	3000	1240
85	Haryana Oil Processors, Sampla, Rohtak.	used oil	9000	2725
86	Mahavira Udyog, Bhiwani Road, Rohtak	used oil	5000	2125
87	Om Industries, VPO-Titoli, Rohtak.	used oil	3000	1800
88	Power Link Oil Refinery, P. No. 18, 19, 55 & 59, MIE-A, Bahadurgarh	used oil	3070.5	1700
89	Raghav Enterprises, P. No. 1379 & 1350, MIE, Bahadurgarh	used oil	6000	2700
90	Raj Transoils, P. No. 1744, MIE, Bahadurgarh	used oil	2100	810
91	Shiv Oil Refinery, Kharkhoda Road, VPO Kheri Sampla, Rohtak	used oil	4800	2210
92	Shruti Petrochem Industries, Vill-Loharheri, Distt. Jhajjar.	used oil	5000	2435
93	Sumit Chemicals, P.No. 60, IDC, Rohtak.	used oil	5000	1800
94	Sunrise Industries, Vill-Rohad, Distt. Jhajjar.	used oil	10800	3500
95	Sunderam Industries, Vill-Naya Bans, Tehsil Sampla, Distt. Rohtak	used oil	5100	2150

96	Metal & Chemicals, MIE-B, Red Cross Road, Bahadurgarh	zinc	3000	1925
97	Sun Agro zinc (P) Ltd, P. No. 6, Ruhil Inds, Area, Vill-Kablana, Distt. Jhajjar.	zinc	3600	2025
98	Green World International (P) Ltd., Ganpati Dham, Bahadurgarh	E-Waste	500	1047.23
99	Maruti Suzuki India Limited, Palam Gurgaon Road, Guraon	Paint sludge	7813.662	7813.662
100	Diwakar Enterprises (P) Ltd., P No. 7, Sec-3, HSIIDC, Bawal, Rewari	Lead Scrap/Lead acid battery plates	12500	132.643
101	Punia Udyog, Delhi Road, rewari	Zinc Dross and ash	2697	895.29
102	M.K. Industries, Vill. Balana, Mohindergarh	used oil	2199	3.172
103	Rajiv MeTAL, opP js Industry Barwala Road, Hansi, Hisar	Lead Acid Battery Scrap	900	900
104	Sandley Chem India Pvt. Ltd., 32, Udyog nagar, Hisar	zinc bearing waste	3000	3000
105	Sandley Industries, 29 Udyog Nagar, Hisar	zinc bearing waste	3000	3000
106	Shakti Industries, 9th KM Stone, Tokas, Hisar	zinc bearing waste	1700	1700
107	Shri Ram Agro Chemical, Barwala road, Hisar	zinc bearing waste	3600	3600
108	National Chemical, Barwala Road, Talwandi Rana, Hisar	Used Oil	2700	2700
109	Haryana Petro Oils, 31 Phase-III, Industrial Area Sirsa	used oil	1350	1350
110	Bhagwati Inds, P. No. 126, Sec-27-28,Hisar	lead acid battery scrap	10200	10200
111	Janico Industries, Plot No. 203, Sec-27-28, Hisar	lead acid battery scrap	700	700
112	Singla Metals, Plot No. 78, Sec 28, Hisar	zinc bearing waste	3000	3000
113	Triupati Chemical, Tosham Road, Village Kanwari, Hisar	zinc bearing waste	1500	1500
114	Chandigarh Chemicals, Jamalpur Road, Tohana	zinc bearing waste	7500	7500
115	Mahesh Chemicals & Allied Service, 24, IA, Sirsa	zinc bearing waste	4000	4000
116	Ridhi Sidhi Alloys P Ltd., 103, Sec 28A, Hisar	zinc bearing waste	6000	6000
117	Shri krishna Alloys, Plot No. 223, Sec 27-28, Hisar	lead acid battery scrap	2400	2400
118	Grover Metal Industries, Alipur, Titukhera, Sirsa	lead acid battery scrap	1500	1500

Format-D for submission of Annual Returns of TSDF Operators

Name of
SPCB/PCC

Year

Sr. 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)	
		Landfillable	Incinerable	For Direct Landfill	For Landfill after treatment	For Incineration	Quantity Landfilled directly	Quantity Landfilled after treatment	Quantity Incinerated	Moisture & Other		Landfillable	Incinerable
1	CTSDF site at Pali operated by GEPIL	151.98	2034	7363.2	952.51	16878	7363.2	1103.426	3655.8	6473.53	445.515	1.055	8336.9