



HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA
Website – www.hspcb.gov.in E-Mail : hspcbho@gmail.com
Ph:0172-2577870-873

NO.HSPCB/WMC/HWM-60 / 2019/5075

Dated: 3/4/19

To

Sh. Bharat K Sharma,
Additional Director & Head,
Waste Management-II Division,
Central Pollution Control board,
Parivesh Bhawan, Esat Arjun Nagar,
Delhi – 110032.

Subject: Submission of Annual Inventory on hazardous Waste Generation and its Management for the year 2017-18 – reg.

Kindly refer to your letter No. 5191 dated 4.6.2018, 10678 dated 12.9.2018, No. 12854 dated 19.11.2018 & No. 16845 dated 27.2.2019 on the subject noted above.

In this connection, I have been directed to enclosed herewith the Annual Inventory on hazardous Waste Generation and its Management for the year 2017-18.

This is for your information and further necessary action please.

DA/As above


Environmental Engineer
Waste Management Cell (HQ)
For Member Secretary



Format-A1 for submission of Annual Inventory of Hazardous Waste Management by occupiers.

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	Qty. HW exported during the year (MT)
				Landfillable	Incinerable	Recyclable	Utilizable		Landfillable	Incinerable	Recyclable	Utilizable			
1	Hisar	Hisar	1	2	3	4	5	6	7	8	9	10	11		
		Fatehabad	83	356.9012	3	48732.42	14	80.094	2.08	23331	0	0	0		
		Sirsa	13	24.092	0	0.02	35	2.511	0	0	2	0	0		
2	Dharuhera	Rewari	26	14.543	0	2.315	0	8.331	0	1.372	0	0	0		
		M/Garh	227	2603	5896	20109.2	440	1727.95	3674.38	1368.1	433.48	0	0		
3	Sonapat	Sonipat	5	0	15	2205.5	0	0	0	7.03	0	0	0		
		Yamuna Nagar	347	1747.43	65.5	71.555	0	1253.764	45.17	63.78	0	0	0		
4	Yamuna Nagar	Karnal	148	152.7108	19.32	205759.23	0	154.732	43.35	40.6272	0	0	0		
		GRS	90	89.9951	144.108	65510.93	0	62.9265	95.9973	43.33	0	0	0		
5	Gurugram (S)	Gurugram	759	5933.003	9139.6	918	0	1261	6880.01	356	0	0	0		
		Nuh	554	1142.564	8989.18	2031.433	3131.44	329.082	8569.4	1368.23639	1260.42	0	0		
6	Gurugram (N)	Faridabad	47	221.3183	157.361	91.99	0	191.071	147.4	56.2	0	0	0		
		Panchkula	273	280.860624	9.504	47.64121	0	266.817593	9.0288	44.7827374	0	0	0		
		Ambala	96	315.69	32.44	578.7	0	121	12.5	222	0	0	0		
7	Faridabad	Kurukshetra	105	300.93	503.73	470.6	0	260	435	405.93	0	0	0		
		Faridabad	41	164.9	0	432.46	0	89	0	125.53	0	0	0		
		Palwal	632	4441.126	1237.814	655.228	0	4037.387	1125.285	624.026	0	0	0		
8	Bahadurgarh	Palwal	121	1017.165	602.459	44.521	0	924.695	547.69	42.401	0	0	0		
		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		
9	Jind	Jind	15	5.08	5.50	0.00	0.00	4.00	5.50	0.00	0.00	0.00			
		Kaithal	5	2.35	3.00	0	0	2.28	3.00	0	0	0			
10	Bahadurgarh	Jhajjar	168	834.6455	241.165	65.44	0	332.851	127.561	36.933	0	0	0		
		Rohatak	103	1123.226	554.04	20.9115	12	996.092	495.58	8.1415	11	0	0		
		Panipat	418	2004.309	310	5917.1804	0	1526.421	254.625	4962.093	0	0	0		
11	Panipat	Panipat	4310	22833.58952	27932.321	353667.1983	3632.44	13665.80509	22475.5371	33108.3073	1706.9	0	0		
		Total													

* 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 Qty. of hazardous waste imported and received from other states / UTs either for recycling/ utilization or disposal.

Note: Other unit such as Kilo Liters or Numbers shall be converted into Metric Tonnes and therefore, the Qty. of HW shall be report only in MT.

Format-A2: Details on Inter-state Movement of Hazardous Waste Management for recycling/ utilization/ 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	Qty. received (MT)		
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		
		Uttarakhand	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

Format-A3: Details on Hazardous Waste Recycled and Utilized

Sr. 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)	
1	Hisar	Hisar	14	15	16	17	18	19	20	21	
		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	Sonapat	Sonapat	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	

Format-A4: Details of hazardous Waste Disposed

Sr. 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)		Disposal of hazardous waste (received from other State/ UT)	
			Quantity Disposal in Secured landfill (MT)	Common	Captive	Incinerator (MT)	Common	Captive	Quantity Disposal in Secured landfill (MT)	Common
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
		Rewari	1445.71	232.23	118.1	0	0	0	0	0
2	Dharuhera	M/Garh	0	0	0.33	0	0	0	0	0
		Sonepat	1350.46	0	11.9	0	0	0	0	0
3	Sonepat	Yamuna Nagar	61.16	0	63.77	0	0	0	0	
4	Yamuna Nagar	Karnal	37.555	0	83.325	0	0	0	0	0
		GRS	1091	0	6128	0	0	0	0	0
5	Gurugram (S)	Gurugram	324.779	0	430.155	592.7	0	0	0	0
		Nuh	187.7891	0	144.273	0	0	0	0	0
6	Gurugram (N)	Fbd	300.1574959	0	8.667648	0	681.14	0	592.06	0
		Panchkula	21	0	12.5	0	0	0	0	0
7	Faridabad	Ambala	160	0	435	0	0	0	0	0
		Kurukshetra	12	0	0	0	0	0	0	0
8	Panchkula	Faridabad	3875.09	0	1060.285	0	0	0	0	0
		Patwal	878.167	0	530.875	0	0	0	0	0
9	Ballabgarh	Bhiwani	31.38	0	0	0	0	0	0	0
		Dadri	0	0	0	0	0	0	0	0
10	Jind	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	11527.5066	232.23	13753.22565	799.2	681.14	0	592.06	0

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

Sr. 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. 1 st April to 31 st March 2018 (MT)				
			Landfillable	Incinerable	Recyclable	Utilizable	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		
		Rewari	35.07	65.59	25.38	0	85.08	148.87	156.86	0		
2	Dharuhera	M/Garh	0	0.1	0.24	0	0	-0.23	7.06	0		
		Sonipat	119.038	0	0	0	22.342	0	0	0		
3	Sonipat	Sonipat	119.038	0	0	0	22.342	0	0	0		
		Yamuna Nagar	122.07	71.25	98.21	0	215.65	50.83	54.31	0		
4	Yamuna Nagar	Karnal	60.23	90.18	98.95	0	85.60	102.85	87.94	0		
		GRS	578.6	178.4	105.4	0	748.6	930.41	461.4	0		
5	Gurugram (S)	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		
		FBD	56.322	0	0.05	0	22.9820969	0.361152	44.8327374	0		
6	Gurugram (N)	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		
7	Faridabad	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		
		Bhiwani	5.99	0.88	0.45	0	8.21	2.68	0.440972	0		
8	Panchkula	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		
9	Ballabgarh	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		
		Panipat	1116.028	0	3343.0112	0	2252.648	0	7852.7182	0		
10	Jind	Panipat	1116.028	0	3343.0112	0	2252.648	0	7852.7182	0		
		Panipat	1116.028	0	3343.0112	0	2252.648	0	7852.7182	0		
		Panipat	1116.028	0	3343.0112	0	2252.648	0	7852.7182	0		
11	Bahadurgarh	Panipat	1116.028	0	3343.0112	0	2252.648	0	7852.7182	0		
		Panipat	1116.028	0	3343.0112	0	2252.648	0	7852.7182	0		
		Panipat	1116.028	0	3343.0112	0	2252.648	0	7852.7182	0		
12	Panipat	Panipat	1116.028	0	3343.0112	0	2252.648	0	7852.7182	0		
		Panipat	1116.028	0	3343.0112	0	2252.648	0	7852.7182	0		
		Panipat	1116.028	0	3343.0112	0	2252.648	0	7852.7182	0		
Total	Total	Total	3070.2811	1430.363	11303.7675	8.485	4976.349597	9353.474452	11808.4401	2		
		Total	3070.2811	1430.363	11303.7675	8.485	4976.349597	9353.474452	11808.4401	2		
		Total	3070.2811	1430.363	11303.7675	8.485	4976.349597	9353.474452	11808.4401	2		

Format-B for submission of Annual inventory of Recycling/ Utilization / Co-processing of Hazardous Waste

Name of SPCB/ PCC: HSPCB

Year : 2017-18

Sr. 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
	(Add new rows for other types of wastes)			
B	Utilization of HW under Rule 9			
1	Recovery of solvents from spent solvents	1	Nil	1260.42
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	Nil	Nil
3	Utilization of Spent Catalyst - to recover - Platinum, Iridium, Osmium, Palladium, Rhodium, Rhenium, Gold & Silver	Nil	Nil	Nil
4	Utilization of spent H ₂ SO ₄ generated from Pickling operations for manufacturing Ferrous Sulphate	Nil	Nil	Nil
5	Utilization of Spent Acid containing Molybdenum generated from filament industries for producing Molybdenum Trioxide by heating process	Nil	Nil	Nil
6	Utilization of Spent HCl generated from steel rolling mills for producing Ferric Chloride	Nil	Nil	Nil
7	Utilization of Used Anode Butt to produce Carbon Pellets and High Energy (HE) coke for use in steel furnaces / foundries.	Nil	Nil	Nil
8	Utilization of Used Anode Butt to produce Carbon Blended Coke/ Electrode carbon Paste / Carburiser for use in Steel or ferroalloy furnaces.	Nil	Nil	Nil
9	Utilization of pre-processed Used Anode Butt to produce Green Anodes through Anode-Baking Process for use in Aluminium Smelters	Nil	Nil	Nil
10	Utilization of pre-processed used Anode Butt generated to produce Carbon electrode Paste.	Nil	Nil	Nil
11	Utilization of Coal Tar/ Tarry Residue generated from coal gasifier for energy recovery in sodium silicate industry.	Nil	Nil	Nil
12	De-contamination of contaminated drums / containers/ barrels.	7	457070	297070
13	Utilization of process sludge and primary ETP sludge generated from Pulp & Paper industries for producing Paper Board/ mill Board / Card Board	Nil	Nil	Nil
14	Captive Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal	Nil	Nil	Nil
15	Utilization of Aluminium Dross generated from refining and casting house of Aluminium smelter units to recover Aluminium Metal	Nil	Nil	Nil
16	Utilization of Oil based iron sludge of Ball & Roller bearings for producing Ferrous Sulphate	Nil	Nil	Nil
17	Utilization of Mercury Waste generated from various industry for recovering Mercury.	Nil	Nil	Nil

Sr. 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)
18	Utilization of Spent H2SO4 generated from Dye and Dye intermediates to produce gypsum suitable for use in cement plants	Nil	Nil	Nil
19	Utilization of Spent fixer (hypo) solution generated from Photography/ X-rays films to recover Silver metal	Nil	Nil	Nil
20	Utilization of Hydro fluoro silicic acid- acidic scrubber solution generated during single super phosphate manufacturing industry recovered sodium silico fluoride (Sodium floursilicate) for use in Glass Industry	Nil	Nil	Nil
21	Utilization of Spent Sulphuric Acid Para generated during Nitro Toulene Otho Sulfoic Acid/ Oxadiargyt Anthraquinone manufacturing industry for production of Ferrous Sulphate	Nil	Nil	Nil
22	Utilization of Vanadium Sludge generated from Alumina refineries for production of Vanadium matel	Nil	Nil	Nil
23	Utilization of Phenotic Waste water generated from coal garsifier condensate water for Quenching of hot gses in After Burning Chamber of Direct reduced iron (DRI) kiln of Sponge iron industry	Nil	Nil	Nil
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) Bolder / Circuitating Fluidized Bed Combustion (CFBC) Bioler from steam or electricity generation	Nil	Nil	Nil
25	Utilizaion of spent carbon (Carbon Slurry) generated from Urea manufacturing plant for Quenching of Carbon slurry in the reactor for manufacturing carbon black	Nil	Nil	Nil
26	Utilizaion of spent acid containing Molybdenum compou nd generated from bulb folament manufacturing industries for manufacturing of ammonium motybdate	Nil	Nil	Nil
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)	Nil	Nil	Nil
28	Utilizaion of spent Alumina generated during polymerization in SWING unit of petrochemical plant for manufacturing of Refractory mateiral like insulation bricks, mortar castables, High Alumina bricks	Nil	Nil	Nil
29	Utilizaion of spent Ion Exchange Resin generated from Demineralization (DM) Plant for energy recovery in boiler for steam or power generation	Nil	Nil	Nil
30	Utilizaion of spent Ion Exchange Resin generated from Demineralization (DM) Plant for energy recovery in Direct reduced iron (DR) kiln of Sponge iron industry.	Nil	Nil	Nil
31	Utilizaion of Tungsten Scrap generated from Metal cutting operation (Using tungsten carbide insert), ming tool buttons and worn cut drills for manufacuturing Tungsten Carbide Powder.	Nil	Nil	Nil
32	Utilizaion of spent pot lining generated uring production of Primary Aluminium from Alumina Smetting Industries for Utilizaion as a supplementary resource for manufacturing of carbon mineral Fuel	Nil	Nil	Nil
33	Utilizaion of spent sulphuric Acid and Spent Sodium Thiosulphate generated during manufacturing of 4.4 Diaminobenzene Sulphanilide for isotation and purification of 2- NADSFA & 6 Acetyl APSA	Nil	Nil	Nil

Sr. 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)
34	Utilizaiton of coal tar/ Tarry Residue generated from coal gasifier units for utilization as supplementary fuel in furnace for energy recovery in Frit manufacturing units.	Nil	Nil	Nil
35	Utilizaiton of Gasifier Stag Containing Nicket & spent catalyst containing molybdenum generated from Nitrogenous Fertilizer Industry for manufacturing of Alloy Steel ingots and stainless steel ingots.	Nil	Nil	Nil
36	Utilization of Synthetic Oil based mud/ drill cuttings generated from Oil & Natural Gas Exploration for Road Construction/ Oil recovery	Nil	Nil	Nil
37	Utilizaiton of Flue Gas Cleaning residue generated from Bag filter connected to steel scrap melting induction furnace for recovery Zinc Metal	Nil	Nil	Nil
38	Utilizaiton of spent sulphuric Acid and Spent Sodium Thiosulphate generated during manufacturing of 4,4 Diaminobenzene Sulphanilide for isotation and purification of 2- NADSFA & 6 Acetyl APSA for manufacturing of Nitrosy Sulphuric Acid (NSA)	Nil	Nil	Nil
39	Utilization of spent phosphoric acid generated during manufacturing of Quinacridone Pigment for production of Di- basis Carcium phosphate	Nil	Nil	Nil
40	Utilizaiton of spent sulphuric Acid generated during manufacturing of Vinyl Sulphate for production of H-acid	Nil	Nil	Nil
41	Utilizaiton of Waste Dichromate Solution generated during manufacturing of Ibuprofen for production of basic Chromium Sulphate	Nil	Nil	Nil
42	Utilizaiton of used waste Thinner generated during cleaning of paint feeding lines using solvents for manufacturing of industrial Primer to be used as Automotive paints.	Nil	Nil	Nil
	TOTAL	Nil	Nil	Nil
C	Co-Processing in Cement Plants	2	Nil	6847.99

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

Name of SPCB/ PCC: Haryana State Pollution Control Board, C-11, Sector-6, Panchkula Year : 2017-18

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)
	Hisar			
1	M/s Sandley Cham, (India) Pvt. Ltd., 32, Udyog Nagar, Delhi Road, Hisar	Zinc Ash/ Dross	3000 Ton/Annum	3000 Ton/Annum
2	M/s Shree Krishna Alloys, Plot No. 223, Sec 27-28, Hisar	Lead Acid Battery plates, Lead Scrap/Ashes/ Residues	3300 MT/Annum	3300 MT/Annum
3	M/s Jainco Industries, Plot No. 203, Sec 27-28, Hisar	Lead Acid Battery plates, Lead Scrap/Ashes/ Residues	700 MT/Annum	700 MT/Annum
4	M/s Tirupati Chemicals, Tosham Road, Vill. Kanwari, Hisar	Zinc Ingots	1500 MT/Annum	1500 MT/Annum
5	M/s Chandigarh Chemicals, Jamalpur Road, Tosham, Fatehabad	Zinc Ash, Zinc Dust/Dross Brass Dross	7500 MT/Annum	7500 MT/Annum
6	M/s Mahesh Chemicals & Allied Industries, 24 Ind. Area, Sirsa	Zinc Ash, Zinc Dust/Dross Brass Dross	4000 MT/Annum	4000 MT/Annum
7	M/s Haryana Petro Oils, P.No. 31, Ph-3rd, Inds. Area, Sirsa	Used Oil	1350 KL	1350 KL
8	M/s Shakti Industries, 9th KM Rajgarh Road, Hisar	Ferrous/Non Ferrous Zinc ash zinc dross and zinc skimming	17000 MT/Annum	17000 MT/Annum
9	M/s Hindustan Metal & Chemical, 9 K.M. Stone, Delhi Road, Hisar	Zinc Ash/Skimming/other Zinc	2500 T/Annum	2500 T/Annum
10	M/s Rajiv Metals 3 KM Stone, Barwala Road Hansi Hisar	Lead Acid battery plates and other lead scrap/ashes/residues	600 MT/Annum	600 MT/Annum
11	M/s Singla Metals, Plot No. 78, Sector- 27-28, Hisar	Zinc ash, zinc skimming and zinc dross	3000 MT/Annum	3000 MT/Annum
12	M/s Singhal Industries, 10, IDC, Hisar	Zinc ash, zinc skimming and zinc dross	1200 MT/Annum	1200 MT/Annum
13	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 MT/Annum	880 MT/Annum
14	M/s Shree Balaji Oil Industries, Vill. Nalwa, Hisar	Used Oil	1800 KL /Annum	1800 KL /Annum
15	Sandley Industries, 29, Udyog Nagar, Hisar	Zinc Ash/ Dross	3000 MT/Annum	3000 MT/Annum
	Dharuhera			

16	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
17	M/s Punia Udyog, Delhi Road, Rewari	Zinc Dross and Zinc Ash	2697	746.63
18	M/s M.K. Industries, Village Balana, Mohindergarh	Used oil	2199	0.33
Sonepat				
19	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
20	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
21	M/s HVR Industries P. Ltd.,59/20, Vill.- Saidhpur, Teh.Kharkhoda, Sonepat.	Battery Scrap	10000	0
22	M/s Om Enterprises, B-9, Prem colony, Kundli	Lead acid battery plates	3000	70.477
23	M/s Rana Enterprises, VPO Firozpur Bangar, Tehsil Kharkhoda, Distt. Sonepat	Lead acid battery plates	9000	0
24	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
25	M/s D.B. Steel, Plot No. 408, HSIIDC, Barhi, Sonepat	Lead acid battery plates, lead scrap, lead ash etc.	14400	24
26	M/s D.D Pigments,Kh.No.59/21,Village-Saidpur,Tehsil-Kharkhoda, Distt. Sonepat	Lead Ingots and Red Oxide Powder, Lead Scrap & Lead acid Battiers plates	2700	44.375
27	M/s Varun Enterprises (India), Prem Colony, Aggarwal Industrial Area, Kundli, Sonepat	Lead scrap/ lead acid battery plates	5000	1543
28	M/s Reliance Lube Oils & Greases Corp., Piao- Maniyari, Narela Road, Kundli, Distt. Sonepat.	Used oil & waste oil	4224	15.5
29	M/s Shr. Gini Raj Oil Co., Ferozpur Bangar, Teshil Kharkhoda, Distt. Sonepat.	Used oil & waste oil	6000	673.61
30	M/s Om Petro Fines, Pio-Maniyari, Kundli, Sonepat	Used oil & waste oil	6000	0
31	M/s Divya Petro Product, Vill. Jat Joshi, Bahalgarh, Road, Sonipat	Used oil & waste oil	1000	45
YNR				

32	Rajdev Intertrade (P) Ltd., W-9, Industrial Area, Jagadhri, Yamuna Nagar	Zinc Ash/dross/skimminy/flab es/residues/aluminium scrap/ash /golulume	20000.00	13240.56
33	Shree Narayana Industry, Sahabad, Adoya Road, V.P.O.Thana Chhapar, Yamuna Nagar	(a) Zinc	3560.00	2356.82
		(b) Brass	3755.00	3126.56
34	Jai Hind Metal Industry, #1519, Near Kali Mandir, Old	(a) Zinc	38250.00	25322.57
		(b) Copper	28350.00	4469.73
35	Shiv Metals, Gulab Nagar Chowk, Bilaspur Road, Jagadhri.	(a) Zinc	12450.00	8242.25
		(b) Copper	10150.00	1600.27
36	Upper India Smelting & Refinery Works, 11-E, Industrial Area, Yamuna Nagar	Zinc Ash/dross/skimminy/flab es/residues/aluminium scrap/ash /golulume	20000.00	13240.56
37	Sagar Metalics, Durga Garden, Jagadhri	Zinc, Aluminium, Copper, Brass Dross and Ash	2430.00	1608.73
38	Ashok Metal Refinery Works, Chhachhrauli Road, New Buria, Jagadhri.	Zinc Dross	5000.00	3310.14
39	Arun Metal Industries, Jesico Colony, Yamuna Nagar	Dross/Scrap	4320.00	2859.96
40	Ajay Products, Old Chh. Road, Yamuna Nagar	Aluminium Dross and Scrap	5.00	5.00
41	S.R. Metals, Behind Sonia Metals, Durga Garden, Jagadhri.	Aluminium Dross and Scrap	5.00	5.00
42	KRISHNA ENTERPRISES, 207, HSIIDC, MANAKPUR, JAGADHRI	Zinc Ash Dross Residue Blowing Scrap Skimming Flakes Dust	200.00	132.41
		Insulated Copper Wire Scrap	100.00	15.77
43	Carewell Lubricants Industry, Vill Sandhir, Nilokheri, Karnal.	recycling of used Oil	1500.00	1500.00
44	Haryana Petro Chemicals, Village Sheikpura, Meerut Road, Karnal	(a) recycling of Used Oil	1200.00	1200.00
		(b) recycling of Waste Oil	4200.00	4200.00
45	Universal Hydrolubes, Vill. Darar, Indri Road, Karnal	(a) recycling of Used Oil	1440.00	1440.00
		(b) recycling of Waste Oil	3600.00	3600.00
46	Quantech Metalloys Ltd, Panaudi Road, Gharaunda, Karnal	Recycling of lead scrap/ashes/residue	14400.00	14400.00
47	Vasu Alloys P. Ltd., Vill-Kunjpora, Distt-Karnal	Recycling of lead scrap/ashes/residue	28000.00	28000.00
Gurugram (S)				
48	3 R RECYCLER, Plot No. 266, Sector - 8, IMT Manesar, Gurgaon	E-Waste	1800	496.11
49	Deshwal Waste Management Pvt Ltd, Plot No. 292, Sector-7, IMT Manesar, Gurgaon	E-Waste	1000	224.6
50	EARTH SENSE RECYCLE PVT LTD, Plot No. 100, Sector - 5, IMT Manesar, Gurgaon	E-Waste	2160	180.7

51	Green Vortex Waste Management Pvt Ltd Plot No 177, Sector 7, IMT Manesar	E-Waste	1500	127
52	SMS ENTERPRISES, Plot No. 544- D, First Floor, Sector -37, Pace City - II, Gurgaon (Haryana)	E-Waste	47225	1.3
53	Ingram Micro India Pvt. Ltd., Plot-527, Pace City-II, Industrial Area, Sector-37, Gurugram	E-Waste	300	1.5
54	Nirvana Recycling Pvt. Ltd., D-6, Udyog Vihar, Gurugram.	E-Waste	6030	700.25
GRN				
55	M/s Starlit Power System Limited, Indri Road, Village Atta, Near Gurgaon, Mewat	Lead acid battery plates, lead scrap/ashes/residues	15000 MTA	205.637
56	M/s Suraj Udyog, Bawla Road, Tauru, Mewat	Zinc Dross/Skimming / Ash & Residues / Scrap	15000 MTA	Not provided by the unit
Panchkula				
57	M/s B.N. Cuncast (P) Ltd., 18, HSIIDC Complex, Barwala, Panchkula	Used Oil	3000 KLA	300 KLA
58	M/s Mittal Battery, P. No. 349, Indl. Area, Ph-I, Panchkula	Lead Ingot, Copper Ingot	500 MTA, 200 MTA	230 MTA, 0.41 MTA
59	M/s Cosmo Zincox Industries, #401, Indl. Area, Ph-I, Panchkula	Zinc dross/ash/screaming	3950 MTA	2345.8 MTA
60	M/s Floorex Tiles, P. No. 198, Indl-Area, Ph-1, Panchkula	Zinc Ingots	2880 MTA	911.036 MTA
61	M/s Fertichem Enterprises (P) Ltd., 404, Indl. Area, Ph-2, Panchkula	Zinc ingot, brass ingot	4500 MTA, Nil	570.41 MTA
62	M/s Stalwart Alloys India (P) Industries, Vill. Yari, Ladwa Road, Shahbad Markanda, Kurukshetra	Lead Unit	10000 MTA	3508 MTA
63	M/s Parul Foods Specialities (P) Ltd., 167 KM Stone, GT Road, Khanpur Kolian, Kurukshetra (Lead Recycling unit)	Lead Unit	7500 MTA	520 MTA (Dismantled)
64	M/s G.D.M Industry, Vill. Dukheri Road, Mohra, Ambala	Lead Unit	210 MTA	28.5 MTA
65	M/s Shree Ram Metals, Vill. Tabar, Panchkula	Zinc scrap, aluminium Scrap	3600 MTA	3600 MTA
66	M/s S.S. Batteries, Lead, P. No. 150, HSIIDC, IE, barwala, Panchkula	Lead acid battery plated scrap, ashes/residues	240 Ton/ Annum	Dismantled
67	M/s G.M Admixture, Plot No. 189, I.A, Ph-I, Panchkula	Zinc ash/skimming/dross	6000 MTA	5100 MTA
68	M/s CosmoAgromet Indsutry, Plot No. 409, IA, Panchkula	Zinc ash/skimming/dross and brass dross	11728 MTA	10000 MTA
Ballabgarh				
69	Indian Petro Chemicals Village Sikri, Ballabgarh, Faridabad	Used oil recycler	3000	2850.5
70	Satyam Petrochemicals, Plot No. 5, Sector 4, Faridabad	Used oil recycler	360	349.5
71	E-Waste Solutions, Industrial Shed IA, Industrial Estate, Sec-6, Faridabad	E-Waste dismantler	1000	1000

72	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 MTA	1080 MTA
73	Bharti Oil & Containers Co. 1B Sector-5 Northern India Compound , Faridabad	Cleaning of Drums & Canes (Consisting of Chemical and oil) after using (Approx. 55,000 Nos. /year)	990 MTA	990 MTA
74	A to Z E-waste Solutions, Plot no. 66, Pargiti Vihar, Industrial Area, sector-59, Ballabgarh	E-Waste dismantler	300	300
Jind				
75	Relson Engineer, Dhand Road, Kaithal	Lead Scrap	900	800
76	Jyoti Metals, Plot No 65, HSIIDC Jind	Lead Scrap	900	800
77	Ridhi Sidhi Dhoop & Metal Industries, Plot No. 21, HSIIDC Jind	Lead Acid Battery plates and other Lead Scrap)	1200	1100
78	Guru Jyot Metal Plot No 35 HSIIDC Hansi Road Jind	Lead Scrap Ashes /Residues/battery plates	300	200
79	Guru Jyot metal, Plot No. 34, HSIIDC, Hansi Road, Jind	Lead Acid battery plates and other lead scrap/ashes/residues	900	800
80	Laxmi Enterprises, Village Jui, Distt. Bhiwari	Waste oil	2500	1306
81	Jai Durga Enterprises, Plot No 193, HSIDC Narwana Jind JIND	Lead Acid battery plates and other lead scrap/ashes/residues	4416	4000
Bahadurgarh				
82	Abhishek Industries, P. No. 116-117, IDC, Distt. Rohtak.	lead bearing waste including battery waste	330	260
83	Baba Metal Company, Village Baland, Distt. Rohtak	lead bearing waste including battery waste	1200	745
84	Baweja Industries, Plot No. 29, IDC, Hissar Road, Rohtak	lead bearing waste including battery waste	2400	110
85	Chetna Enterprises, P. No. 119, IDC, Rchtak	lead bearing waste including battery waste	2400	1350
86	Arora Enterprises, Plot No. 24, IDC, Rohtak	lead bearing waste including battery waste	2250	1260
87	Balaji Enterprises, P. No. 184, HSIIDC, Distt. Rohtak.	lead bearing waste including battery waste	1200	735
88	Bharat Chemical Industries, P. No. 25, IDC, Rohtak	lead bearing waste including battery waste	2500	130
89	Chirag Enterprises, Vill-Khairpur, Distt. Jhajjar	lead bearing waste including battery waste	5000	2600
90	Deep Metal, Vill-Baland, Distt. Rohtak	lead bearing waste including battery waste	1080	755
91	Durga Industries, P. No. 262, HSIIDC, Rohtak	lead bearing waste including battery waste	3000	1450
92	D.R. Industries, Jonti Road, Vill-Kanoda, Distt. Jhajjar.	lead bearing waste including battery waste	3120	1700
93	Guru Nanak Enterprises, Singhpura Road, Distt. Rohtak	lead bearing waste including battery waste	1400	850
94	Giriraj Metal, P. No. 39, HSIIDC, Rohtak	lead bearing waste including battery waste	2500	1350
95	Kailash Industries, P. No. 152, HSIIDC, Kutana, Distt. Rohtak	lead bearing waste including battery waste	4416	2200

96	Leading Metals (P) Ltd, P. No. 35, Sec-16, HSIIDC, Bahadurgarh	lead bearing waste including battery waste	14400	10050
97	Master Metal, Vill. Baland, Distt. Rohtak	lead bearing waste including battery waste	1800	930
98	Nav Durga, Plot No. 199, HSIIDC, Rohtak	lead bearing waste including battery waste	3000	1260
99	Odhav Met Trade (P) Ltd, Vill-Ismaila, Sampla, Distt. Rohtak.	lead bearing waste including battery waste	6000	3240
100	Om Hari Om Enterprises, Village Sidhipur, Distt. Jhajjar	lead bearing waste including battery waste	1950	1400
101	R.S. Enterprises, P. No. 914, MIE, Bahadurgarh	lead bearing waste including battery waste	2160	1350
102	Shri Ram Industries, P. No. 94, HSIIDC, Distt. Rohtak	lead bearing waste including battery waste	2400	1260
103	Shri Balaji Enterprises, Vill-Khairpur, Distt. Jhajjar	lead bearing waste including battery waste	3366	1650
104	Shri Guru Nanak Auto Indl. Corpn., P. No. 169, IDC, Hissar Road, Distt. Rohtak	lead bearing waste including battery waste	1400	850
105	Sonu Metal, Vill. Baland, Distt. Rohtak.	lead bearing waste including battery waste	1080	750
106	Santosh Industry, P. No. 142, HSIIDC, Rohtak	lead bearing waste including battery waste	1050	720
107	Bhagwati Inds, P. No. 59, IDC, Hissar Road, Distt. Rohtak.	used oil	4800	3200
108	Bharat Oil & Grease Co. C-4/15, M.I.E., Bahadurgarh	used oil	2880	1680
109	G.S. Bharat Oil Refinery, P. No. 351 MIE-A, Bahadurgarh	used oil	3000	2400
110	Global Natural Petro Industries, D-R Road, Vill-Sankhol, Distt. Jhajjar.	used oil	4959	2450
111	Haryana Industrial Oil Co., Nazafgarh Road, Bahadurgarh.	used oil	3000	900
112	Haryana Oil Processors, Sampla, Rohtak	used oil	9000	3400
113	Mahavira Udyog, Bhiwani Road, Rohtak	used oil	5000	2125
114	Om Industries, VPO-Titoli, Rohtak.	used oil	3000	1800
115	Power Link Oil Refinery, P. No. 18, 19, 55 & 59, MIE-A, Bahadurgarh	used oil	3070.5	1700
116	Raghav Enterprises, P. No. 1379 & 1350, MIE, Bahadurgarh	used oil	6000	2900
117	Raj Transoils, P. No. 1744, MIE, Bahadurgarh	used oil	2100	910
118	Shiv Oil Refinery, Kharkhoda Road, VPO Kheri Sampla, Rohtak	used oil	4800	2240
119	Shiva Petroleum, Vill-Hassanagarh, Distt. Rohtak	used oil	1200	800
120	Shruti Petrochem Industries, Vill-Loharheri, Distt. Jhajjar.	used oil	5000	2435
121	Sumit Chemicals, P.No. 60, IDC, Rohtak.	used oil	5000	1800
122	Sunrise Industries, Vill-Rohad, Distt. Jhajjar.	used oil	10800	3500
123	Sunderam Industries, Vill-Naya Bans, Tehsil Sampla, Distt. Rohtak	used oil	5100	2150

124	Metal & Chemicals, MIE-B, Red Cross Road, Bahadurgarh	zinc	3000	1925
125	Sun Agrozinc (P) Ltd, P. No. 6, Ruhil Inds. Area, Vill-Kablana, Distt. Jhajjar.	zinc	3600	2025
126	Haryana Chemicals Inds, Red Cross Road, MIE, Bahadurgarh.	zinc	1800	1010
127	Green World International (P) Ltd, Ganpati Dham, Bahadurgarh	E-Waste	5000	0
Panipat				
128	Friends Petro Chemicals & Allied Industries, Village Rare Kalan, Assandh Road, Panipat	Used Oil	3100 KLA	4.76 MT
129	Shri Banke Bihari Metals, M-9, Industrial Area, Panipat	Lead Acid	900 MT	177.581 MT
Faridabad				
Nil				

Format-D1 for submission of Annual Returns of TSDF Operators

Name of SPCB/ PCC: Haryana State Pollution Control Board, C-11, Sector-6, Panchkula

Year : 2017-18

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 (Kcal)	Incinerator (T/H)	Landfill (MT/A)
1	Gujarat Enviro Protection & Infra (HR) Pvt. Ltd., (GEPIL), Near Pall-Mohabatoad Stone Crushing Zone, Faridabad HSPCB/Consent/HMM/FD/BD/2017/4428886 From 21/08/2017.	0	4517.137	8420.5	1198.72	13948.4	8420.455	1214.925	2742.907	9086.54	0	1317.1	58725.641	2.5 Mkal/Hr	12 MT/Hr	140000

*Including waste received from other State/ UT.

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

Name of SPCB/ PCC: Haryana State Pollution Control Board, C- Year : 2017-18
11, Sector-6, Panchkula

Sr. 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
			Incinerator (T/H)	Landfill (MT/A)		
1	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