

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT LAND DIVISION -
HAZARDOUS WASTE PROGRAM
ADMINISTRATIVE CODE

CHAPTER 335-14-5
STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT,
STORAGE, AND DISPOSAL FACILITIES

335-14-5-A1 Appendix I - Recordkeeping Instructions.

(a) The recordkeeping provisions of 335-14-5-.05(4) specify that an owner or operator must keep a written operating record at his facility. 335-14-5 - Appendix I provides additional instructions for keeping portions of the operating record. See 335-14-5-.05(4) (b) for additional recordkeeping requirements.

(b) The following information must be recorded, as it becomes available, and maintained in the operating record until closure of the facility in the following manner:

(c) Records of each hazardous waste received, treated, stored or disposed of at the facility which include the following:

(1) A description by its common name and the EPA Hazardous Waste Number(s) from Chapter 335-14-2 which apply to the waste. The waste description also must include the waste's physical form, i.e., liquid, sludge, solid, or contained gas. If the waste is not listed in Rule 335-14-2-.04, the description also must include the process that produced it (for example, solid filter cake from production of _____, EPA Hazardous Waste Number W051).

Each hazardous waste listed in Rule 335-14-2-.04 and each hazardous waste characteristic defined in Rule 335-14-2-.03, has a four-digit EPA Hazardous Waste Number assigned to it. This number must be used for recordkeeping and reporting purposes. Where a hazardous waste contains more than one listed hazardous waste, or where more than one hazardous waste characteristic applies to the waste, the waste description must include all applicable EPA or Alabama Hazardous Waste Numbers.

(2) The estimated or manifest-reported weight, or volume and density, where applicable, in one of the units of measure specified in Table 1;

(3) The method(s) (by handling code(s) as specified in Table 2) and date(s) of treatment, storage, or disposal.

TABLE 1

Unit of Measure	Symbol ¹
Gallons.	G
Gallons Per Hour	E
Gallons Per Day.	U
Liters	L
Liters Per Hour.	H
Liters Per Day	V
Short Tons Per Hour. . .	D
Metric Tons Per Hour . .	W
Short Tons Per Day . . .	N
Unit of Measure	Symbol ¹
Metric Tons Per Day . . .	S
Pounds Per Hour	J
Kilograms Per Hour. . . .	R
Cubic yards	Y
Cubic Meters.	C
Acres	B
Acre-feet	A
Hectares.	Q
Hectare-meter	F
Btu's Per Hour.	I
Pounds.	P
Short Tons.	T
Kilograms	K
Tons.	M

¹Single digit symbols are used here for data processing purposes.

TABLE 2

Enter the handling code(s) listed below that most closely represents the technique(s) used at the facility to treat, store, or dispose of each quantity of hazardous waste received.

1. Storage

S01	Container (barrel, drum, etc.)
S02	Tank
S03	Waste pile
S04	Surface impoundment
S05	Drip Pad
S06	Containment Building (Storage
S99	Other storage (specify)

2. Treatment

T01	Tank
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T02	Surface Impoundment
T03	Incinerator
T04	Other Treatment
T94	Containment Building (Treatment)
T99	Boiler/Industrial Furnace

Note: In addition to coding T01, T02, T03, T04, T94, or T99, record specific handling codes as appropriate below.

(a) Thermal Treatment

T06	Liquid injection incinerator
T07	Rotary kiln incinerator
T08	Fluidized bed incinerator
T09	Multiple hearth incinerator
T10	Infrared furnace incinerator
T11	Molten salt destructor
T12	Pyrolysis
T13	Wet air oxidation
T14	Calcination
T15	Microwave discharge
T18	Other (specify)

(b) Chemical Treatment

T19	Absorption mound
T20	Absorption field
T21	Chemical fixation
T22	Chemical oxidation
T23	Chemical precipitation
T24	Chemical reduction
T25	Chlorination
T26	Chlorinolysis
T27	Cyanide destruction
T28	Degradation
T29	Detoxification
T30	Ion exchange
T31	Neutralization
T32	Ozonation
T33	Photolysis
T34	Other (specify)

(c) Physical Treatment

(1) Separation of Components

T35	Centrifugation
T36	Clarification
T37	Coagulation
T38	Decanting
T39	Encapsulation
T40	Filtration
T41	Flocculation

T42	Flotation
T43	Foaming
T44	Sedimentation
T45	Thickening
T46	Ultrafiltration
T47	Other (specify)

(2) Removal of Specific Components

T48	Absorption-molecular sieve
T49	Activated carbon
T50	Blending
T51	Catalysis
T52	Crystallization
T53	Dialysis
T54	Distillation
T55	Electrodialysis
T56	Electrolysis
T57	Evaporation
T58	High gradient magnetic separation
T59	Leaching
T60	Liquid ion exchange
T61	Liquid-liquid extraction
T62	Reverse osmosis
T63	Solvent recovery
T64	Stripping
T65	Sand filter
T66	Other (specify)

(d) Biological Treatment

T67	Activated sludge
T68	Aerobic lagoon
T69	Aerobic tank
T70	Anaerobic tank
T71	Composting
T72	Septic tank
T73	Spray irrigation
T74	Thickening filter
T75	Trickling filter
T76	Waste stabilization pond
T77	Other (specify)
T78	[Reserved]
T79	[Reserved]

(e) Boilers and Industrial Furnaces

T80	Boiler
T81	Cement kiln
T82	Lime kiln
T83	Aggregate kiln
T84	Phosphate kiln

T85	Coke Oven
T86	Blast Furnace
T87	Smelting, Melting, or Refining Furnace
T88	Titanium Dioxide Chloride Process Oxidation Reactor
T89	Methane Reforming Furnace
T90	Pulping Liquor Recovery Furnace
T91	Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid
T92	Halogen Acid Furnaces
T93	Other Industrial Furnaces Listed in Rule 335-14-1-.02

3. Disposal

D79	Underground injection
D80	Landfill
D81	Land treatment
D82	Ocean disposal
D83	Surface impoundment (to be closed as a landfill)
D99	Other (specify)

4. Miscellaneous (Subpart X)

X01	Open Burning/Open Detonation
X02	Mechanical Processing
X03	Thermal Unit
X04	Geologic Repository
X99	Other Subpart X (specify; use appropriate code from 2. (a) through 2. (e), if applicable)

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