

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 131

Recordkeeping Instructions; Technical Amendment

59 FR 13891-13893

March 24, 1994

(RCRA Cluster IV, Non-HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE

**PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE
TREATMENT, STORAGE, AND DISPOSAL FACILITIES**

APPENDIX I TO PART 264

RECORDKEEPING INSTRUCTIONS

replace Table 1 to paragraph (2) with the following table:	Appendix I/Table 1					
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Table 1

Unit of measure	Code 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
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

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

replace Table 2 to paragraph (3) with the following table:	Appendix I/Table 2					
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RCRA REVISION CHECKLIST 131: Recordkeeping Instructions; Technical Amendment (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE

Table 2.-Handling Codes for Treatment, Storage and Disposal Methods

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

(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)

RCRA REVISION CHECKLIST 131: Recordkeeping Instructions; Technical Amendment (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE

(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	Tricking filter
T76	Waste stabilization pond
T77	Other (specify)
T78	[Reserved]
T79	[Reserved]

RCRA REVISION CHECKLIST 131: Recordkeeping Instructions; Technical Amendment (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
(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				
		Halogen Acid Furnaces				
	T92	Other Industrial Furnaces Listed in 40 CFR 260.10 (specify)				
	T93					
(f) Other Treatment						
	T94	Containment Building (Treatment)				
3. Disposal						
	D79	Underground Injection				
	D80	Landfill				
	D81	Land Treatment				
	D82	Ocean Disposal				
	D83	Surface Impoundment (to be closed as a landfill)				
	D99	Other Disposal (specify)				
4. Miscellaneous (Subpart X)						
	X01	Open Burning/Open Detonation				
	X02	Mechanical Processing				
	X03	Thermal Unit				
	X04	Geologic Repository				
	X99	Other Subpart X (specify)				

PART 265 - INTERIM STATUS STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

APPENDIX I TO PART 265

RECORDKEEPING INSTRUCTIONS

replace Table 1 to paragraph (2) with the following table:	Appendix I/Table 1					
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RCRA REVISION CHECKLIST 131: Recordkeeping Instructions;
Technical Amendment (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE

Table 1	
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Short Tons Per Day	N
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

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

replace Table 2 to paragraph (3) with the following table:	Appendix I/Table 2					
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Table 2.-Handling Codes for Treatment, Storage and Disposal Methods

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

(a) Thermal Treatment--

RCRA REVISION CHECKLIST 131: Recordkeeping Instructions; Technical Amendment (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
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T06 Liquid injection incinerator
T07 Rotary kiln incinerator
T08 Fluidized bed incinerator
T09 Multiple hearth incinerator
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T12 Pyrolysis
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(b) Chemical Treatment--

T19 Absorption mound
T20 Absorption field
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T29 Detoxification
T30 Ion exchange
T31 Neutralization
T32 Ozonation
T33 Photolysis
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(c) Physical Treatment--

(1) Separation of components

T35 Centrifugation
T36 Clarification
T37 Coagulation
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T39 Encapsulation
T40 Filtration
T41 Flocculation
T42 Flotation
T43 Foaming
T44 Sedimentation
T45 Thickening
T46 Ultrafiltration
T47 Other (specify)

(2) Removal of Specific Components

RCRA REVISION CHECKLIST 131: Recordkeeping Instructions; Technical Amendment (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
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	T49	Activated carbon				
	T50	Blending				
	T51	Catalysis				
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	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)				
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	T67	Activated sludge				
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	T91	Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid				
		Halogen Acid Furnaces				
	T92	Other Industrial Furnaces Listed in 40 CFR 260.10 (specify)				
	T93					
	(f) Other Treatment					
	T94	Containment Building (Treatment)				

RCRA REVISION CHECKLIST 131: Recordkeeping Instructions;
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3. Disposal						
	D79	Underground Injection				
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	X03	Thermal Unit				
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	X99	Other Subpart X (specify)				