

3745-65-73

1

Appendix to rule 3745-65-73 of the Administrative Code

Recordkeeping Instructions

The recordkeeping provisions of rule 3745-65-73 of the Administrative Code specify that an owner or operator shall keep a written operating record at the facility. This appendix provides additional instructions for keeping portions of the operating record. See paragraph (B) of rule 3745-65-73 of the Administrative Code for additional recordkeeping requirements.

The following information shall be recorded, as the information becomes available, and maintained in the operating record until closure of the facility in the following manner:

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 numbers from Chapter 3745-51 of the Administrative Code which apply to the waste. The waste description also shall include the waste's physical form, i.e., liquid, sludge, solid, or contained gas. If the waste is not listed as a hazardous waste in rules 3745-51-30 to 3745-51-35 of the Administrative Code, the description also shall include the process that produced the waste (for example, solid filter cake from production of ----, EPA hazardous waste number W051).

Each hazardous waste listed in rules 3745-51-30 to 3745-51-35 of the Administrative Code and each hazardous waste characteristic identified in rules 3745-51-20 to 3745-51-24 of the Administrative Code has a four-digit EPA hazardous waste number assigned to the hazardous waste. This number shall 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 shall include all applicable EPA hazardous waste numbers.

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

Table 1	
Unit of measure	Code ¹
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
British thermal units (Btu's) per hour	I
Pounds	P
Short tons	T
Kilograms	K
Tons	M
1 Single digit symbols are used here for data processing purposes.	

- (2) The estimated or manifest-reported weight, or volume and density, where applicable, in one of the units of measure specified in Table 1 of this appendix.
- (3) The methods [by handling codes as specified in Table 2 of this appendix] and dates of treatment, storage, or disposal.

Table 2 Handling Codes for Treatment, Storage, and Disposal Methods	
Enter the handling codes listed below that most closely represents the techniques 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

Table 2 Handling Codes for Treatment, Storage, and Disposal Methods	
S05	Other (specify) <u>Drip pad</u>
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)

Table 2 Handling Codes for Treatment, Storage, and Disposal Methods	
(c)	<p>Physical Treatment</p> <p>(1) Separation of components</p> <p>T35 Centrifugation</p> <p>T36 Clarification</p> <p>T37 Coagulation</p> <p>T38 Decanting</p> <p>T39 Encapsulation</p> <p>T40 Filtration</p> <p>T41 Flocculation</p> <p>T42 Flotation</p> <p>T43 Foaming</p> <p>T44 Sedimentation</p> <p>T45 Thickening</p> <p>T46 Ultrafiltration</p> <p>T47 Other (specify)</p>
	<p>(2) Removal of Specific Components</p> <p>T48 Absorption-molecular sieve</p> <p>T49 Activated carbon</p> <p>T50 Blending</p> <p>T51 Catalysis</p> <p>T52 Crystallization</p> <p>T53 Dialysis</p> <p>T54 Distillation</p> <p>T55 Electrodialysis</p> <p>T56 Electrolysis</p> <p>T57 Evaporation</p> <p>T58 High gradient magnetic separation</p> <p>T59 Leaching</p> <p>T60 Liquid ion exchange</p> <p>T61 Liquid-liquid extraction</p> <p>T62 Reverse osmosis</p> <p>T63 Solvent recovery</p> <p>T64 Stripping</p>

Table 2 Handling Codes for Treatment, Storage, and Disposal Methods	
	T65 Sand filter
	T66 Other (specify)
(d)	Biological Treatment
	T67 Activated sludge
	T68 Aerobic lagoon
	T69 Aerobic tank
	T70 Anaerobic lagoon
	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 3745-50-10 of the Administrative Code (specify)

Table 2 Handling Codes for Treatment, Storage, and Disposal Methods	
(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 X01 Open burning or Open detonation X02 Mechanical processing X03 Thermal unit X04 Geologic repository X99 Other (specify)