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Title 22@ Social Security

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Division 4.5@ Environmental Health Standards for the Management of Hazardous Waste

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Chapter 18@ Land Disposal Restrictions

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Article 11@ Treatment Standards-Non-RCRA Waste Categories

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Section 66268.106@ Treatment Standards Expressed As Concentrations in Waste Extract

66268.106 Treatment Standards Expressed As Concentrations in Waste Extract

(a)

The CCWE tables (below) identify the restricted wastes and the concentrations of their associated hazardous constituents which may not be exceeded by the extract of a waste or waste treatment residual developed using the test method in Appendix II, chapter 11, CCR, for the allowable land disposal of such waste. (1)

Table I-A CCWE identifies the non-RCRA auto shredder wastes and the concentrations of their associated hazardous constituents which may not be exceeded by the extract of the waste or treatment residual for the allowable land disposal of such waste or residual. TABLE I-A CCWE Auto Shredder Wastes

Concentration (mg/l)	Cadmium.....	1.0	Chromium (VI)	
Compounds.....	5.0	Chromium (total).....	560.0	
Copper.....	25.0	Lead.....	50.0	
Mercury.....	0.2	Nickel.....	20.0	Zinc.....

250.0 (2) Table I-B CCWE identifies the concentrations of hazardous constituents

of hazardous waste foundry sand which may not be exceeded by the waste or treatment residual for the allowable land disposal of such waste or residual. (A) Hazardous waste foundry sand containing hazardous constituents other than those listed in Table I-B CCWE or exhibiting other hazardous characteristics shall be subject to the appropriate generic treatment standard(s) for those hazardous

constituents or hazardous characteristics. TABLE I-B CCWE Hazardous Waste

Foundry Sand Concentration (mg/l) Cadmium..... 1.0

Copper..... 200.0 Lead..... 30.0

Nickel..... 20.0 Zinc..... 250.0 (3) Table I-D CCWE

identifies the non-RCRA metal-containing fly ash, bottom ash, retort ash and baghouse waste from sources other than foundries, and the concentrations of their associated hazardous constituents which may not be exceeded by the extract of the waste or treatment residual for the allowable land disposal of such waste or residual. The specified concentrations shall not be exceeded by an average value of WET results for four representative samples, or a single representative sample. Non-RCRA fly ash, bottom ash, retort ash and baghouse waste from sources other than foundries containing hazardous constituents other than those listed in Table I-D CCWE shall be subject to the appropriate generic treatment standard(s) for those hazardous constituents or hazardous characteristics. Table I-D CCWE Non-RCRA Waste Category Fly ash, Bottom Ash, Retort Ash, and Baghouse waste from Sources other than Foundries

Concentration (mg/l) Arsenic..... 15.0 Cadmium.....

1.0 Copper..... 40.0 Lead..... 20.0

Nickel..... 20.0 Selenium..... 1.0

Vanadium..... 24.0 Zinc..... 250.0 (4) Table I-E

CCWE identifies the non-RCRA metal-containing baghouse waste from foundries, and the concentrations of their associated hazardous constituents which may not be exceeded by the extract of the waste or treatment residual for the allowable land disposal of such waste or residual. The specified concentrations shall not be exceeded by an average value of WET results for four representative samples, or a representative sample. Non-RCRA baghouse waste from foundries containing

hazardous constituents other than those listed in Table I-E CCWE shall be subject to the appropriate generic treatment standard(s) for those hazardous constituents or hazardous characteristics.

TABLE I-E CCWE Non-RCRA Waste Category

Baghouse Waste from Foundries Concentration (mg/l) Arsenic. 15.0 Cadmium. 1.0 Copper. 40.0 Lead. 20.0 Nickel. 20.0 Selenium. 1.0 Vanadium. 24.0 Zinc. 250.0

(1)

Table I-A CCWE identifies the non-RCRA auto shredder wastes and the concentrations of their associated hazardous constituents which may not be exceeded by the extract of the waste or treatment residual for the allowable land disposal of such waste or residual.

TABLE I-A CCWE Auto Shredder Wastes Concentration (mg/l)

Cadmium.....	1.0	Chromium (VI) Compounds.....	5.0
Chromium (total).....	560.0	Copper.....	25.0
Lead.....	50.0	Mercury.....	0.2
Nickel.....	20.0	Zinc.....	250.0

(2)

Table I-B CCWE identifies the concentrations of hazardous constituents of hazardous waste foundry sand which may not be exceeded by the waste or treatment residual for the allowable land disposal of such waste or residual. (A) Hazardous waste foundry sand containing hazardous constituents other than those listed in Table I-B CCWE or exhibiting other hazardous characteristics shall be subject to the appropriate generic treatment standard(s) for those hazardous constituents or hazardous characteristics.

TABLE I-B CCWE Hazardous Waste Foundry Sand Concentration (mg/l)

Cadmium.....	1.0	Copper.....	200.0
Lead.....	30.0	Nickel.....	20.0
Zinc.....	250.0		

(A)

Hazardous waste foundry sand containing hazardous constituents other than those listed in Table I-B CCWE or exhibiting other hazardous characteristics shall be subject to the appropriate generic treatment standard(s) for those hazardous constituents or hazardous characteristics. TABLE I-B CCWE Hazardous Waste Foundry Sand Concentration (mg/l)

Cadmium.....	1.0	Copper.....	200.0	Lead.....	30.0
Nickel.....	20.0	Zinc.....	250.0		

(3)

Table I-D CCWE identifies the non-RCRA metal-containing fly ash, bottom ash, retort ash and baghouse waste from sources other than foundries, and the concentrations of their associated hazardous constituents which may not be exceeded by the extract of the waste or treatment residual for the allowable land disposal of such waste or residual. The specified concentrations shall not be exceeded by an average value of WET results for four representative samples, or a single representative sample.

Non-RCRA fly ash, bottom ash, retort ash and baghouse waste from sources other than foundries containing hazardous constituents other than those listed in Table I-D CCWE shall be subject to the appropriate generic treatment standard(s) for those hazardous constituents or hazardous characteristics. Table I-D CCWE Non-RCRA Waste Category Fly ash, Bottom Ash, Retort Ash, and Baghouse waste from Sources other than Foundries

Concentration (mg/l)	Arsenic.....	15.0	Cadmium.....	1.0
Copper.....	40.0	Lead.....	20.0	Nickel.....
20.0	Selenium.....	1.0	Vanadium.....	24.0
Zinc.....	250.0			

(4)

Table I-E CCWE identifies the non-RCRA metal-containing baghouse waste from foundries, and the concentrations of their associated hazardous constituents which

may not be exceeded by the extract of the waste or treatment residual for the allowable land disposal of such waste or residual. The specified concentrations shall not be exceeded by an average value of WET results for four representative samples, or a representative sample. Non-RCRA baghouse waste from foundries containing hazardous constituents other than those listed in Table I-E CCWE shall be subject to the appropriate generic treatment standard(s) for those hazardous constituents or hazardous characteristics.

TABLE I-E CCWE Non-RCRA Waste Category Baghouse Waste from Foundries Concentration (mg/l)

Arsenic.	15.0	Cadmium.	1.0	Copper.	40.0	Lead.	20.0	Nickel.	20.0	Selenium.	1.0	Vanadium.	24.0	Zinc.	250.0
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(b)

When wastes with differing treatment standards for a constituent of concern are combined for purposes of treatment, the treatment residue shall meet the lowest treatment standard for the constituent of concern.