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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 23@ Standards for Universal Waste Management

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Article 8@ Requirements for the Disposal of CRT Panel Glass

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Section 66273.81@ Criteria for Determining CRT Panel Glass Eligible for Disposal

## **66273.81 Criteria for Determining CRT Panel Glass Eligible for Disposal**

### **(a)**

CRT panel glass destined for disposal in a CRT panel glass approved landfill shall meet the following criteria: (1) The CRT panel glass shall not exhibit the RCRA hazardous waste characteristic of toxicity. (2) The CRT panel glass shall not exhibit the toxicity characteristic of a hazardous waste by exceeding the Soluble Threshold Limit Concentration, as defined in section 66260.10 and as specified in section 66261.24 of chapter 11 of this division. (3) The CRT panel glass shall be identified as hazardous waste solely because it exhibits the characteristic of toxicity only by exceeding the Total Threshold Limit Concentration, as defined in section 66260.10 of chapter 10 and as specified in section 66261.24 of chapter 11 of this division. (4) The CRT panel glass shall not exceed a Total Threshold Limit Concentration of 30,000 mg/kg for lead. (5) The CRT panel glass shall meet the land disposal restrictions treatment standards specified in article 4 of chapter 18 of this division (e.g., the treatment standard for lead containing wastes is 0.75 mg/L by use of Method 1311).

### **(1)**

The CRT panel glass shall not exhibit the RCRA hazardous waste characteristic of toxicity.

### **(2)**

The CRT panel glass shall not exhibit the toxicity characteristic of a hazardous waste by exceeding the Soluble Threshold Limit Concentration, as defined in section 66260.10 and as specified in section 66261.24 of chapter 11 of this division.

**(3)**

The CRT panel glass shall be identified as hazardous waste solely because it exhibits the characteristic of toxicity only by exceeding the Total Threshold Limit Concentration, as defined in section 66260.10 of chapter 10 and as specified in section 66261.24 of chapter 11 of this division.

**(4)**

The CRT panel glass shall not exceed a Total Threshold Limit Concentration of 30,000 mg/kg for lead.

**(5)**

The CRT panel glass shall meet the land disposal restrictions treatment standards specified in article 4 of chapter 18 of this division (e.g., the treatment standard for lead containing wastes is 0.75 mg/L by use of Method 1311).

**(b)**

In order to determine that CRT panel glass meets the criteria required by subsection (a) of this section, a universal waste handler shall use the following procedures: (1) Sampling of the CRT panel glass shall be conducted in accordance to sampling methods described in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," SW-846, 3rd edition, U.S. Environmental Protection Agency, 1986, (incorporated by reference per section 66260.11 of chapter 10 of this division) or one of the sampling methods listed in Appendix I, Chapter 11 of this division; and (2) Analysis of the CRT panel glass shall be conducted according to: (A) Method 1311, as specified in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," SW-846, 2nd edition, U.S.

Environmental Protection Agency, 1982 (incorporated by reference per section 66260.11 of chapter 10 of this division); (B) Method 3052, as specified in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," SW-846, 3rd edition, U.S. Environmental Protection Agency, 1996, (incorporated by reference per section 66260.11 of chapter 10 of this division); and (C) Waste Extraction Test (WET), as specified in Appendix II, Chapter 11 of this division or an alternative test method approved pursuant to 22 CCR section 66260.21.

**(1)**

Sampling of the CRT panel glass shall be conducted in accordance to sampling methods described in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," SW-846, 3rd edition, U.S. Environmental Protection Agency, 1986, (incorporated by reference per section 66260.11 of chapter 10 of this division) or one of the sampling methods listed in Appendix I, Chapter 11 of this division; and

**(2)**

Analysis of the CRT panel glass shall be conducted according to: (A) Method 1311, as specified in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," SW-846, 2nd edition, U.S. Environmental Protection Agency, 1982 (incorporated by reference per section 66260.11 of chapter 10 of this division); (B) Method 3052, as specified in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," SW-846, 3rd edition, U.S. Environmental Protection Agency, 1996, (incorporated by reference per section 66260.11 of chapter 10 of this division); and (C) Waste Extraction Test (WET), as specified in Appendix II, Chapter 11 of this division or an alternative test method approved pursuant to 22 CCR section 66260.21.

**(A)**

Method 1311, as specified in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," SW-846, 2nd edition, U.S. Environmental Protection Agency, 1982 (incorporated by

reference per section 66260.11 of chapter 10 of this division);

**(B)**

Method 3052, as specified in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," SW-846, 3rd edition, U.S. Environmental Protection Agency, 1996, (incorporated by reference per section 66260.11 of chapter 10 of this division); and

**(C)**

Waste Extraction Test (WET), as specified in Appendix II, Chapter 11 of this division or an alternative test method approved pursuant to 22 CCR section 66260.21.

**(c)**

A universal waste handler shall repeat the procedures required by subsection (b) of this section as necessary to ensure the CRT panel glass meets the criteria as specified in subsection (a) of this section. At a minimum, the procedures shall be repeated when the universal waste handler is notified, or has reason to believe that the concentration of hazardous constituents in the CRTs or treatment method generating the CRT panel glass has changed to the extent that the certification required by subsection (g) of section 66273.82 is no longer valid.

**(d)**

A universal waste handler who claims CRT panel glass meets the criteria, as specified in this section, shall maintain records that demonstrate that CRT panel glass meets the criteria required by subsection (a) of this section. The records shall include the following information: (1) A description of the treatment method used to generate the CRT panel glass; (2) Documentation of the analysis(es) and the sampling method(s) of the CRT panel glass that identify and quantify all hazardous constituents, as specified in subsection (b) of this section; and (3) The frequency with which the procedures will be reviewed or repeated to ensure that the analysis and sampling method are accurate and up to date.

**(1)**

A description of the treatment method used to generate the CRT panel glass;

**(2)**

Documentation of the analysis(es) and the sampling method(s) of the CRT panel glass that identify and quantify all hazardous constituents, as specified in subsection (b) of this section; and

**(3)**

The frequency with which the procedures will be reviewed or repeated to ensure that the analysis and sampling method are accurate and up to date.

**(e)**

A universal waste handler shall immediately manage CRT panel glass that does not meet all of the criteria specified in subsection (a) of this section pursuant to subdivision (f)(3) of section 66273.75.