

Title 33
ENVIRONMENTAL QUALITY

Part V. Hazardous Waste and Hazardous Materials
Subpart 1. Department of Environmental Quality-Hazardous Waste

Chapter 1. General Provisions and Definitions

§105. Program Scope

These rules and regulations apply to owners and operators of all facilities that generate, transport, treat, store, or dispose of hazardous waste, except as specifically provided otherwise herein. The procedures of these regulations also apply to denial of a permit for the active life of a hazardous waste management facility or TSD unit under LAC 33:V.706. Definitions appropriate to these rules and regulations, including "solid waste" and "hazardous waste", appear in LAC 33:V.109. Those wastes which are excluded from regulation are found in this Section.

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[See Prior Text in A-D.7.a]

- b. pesticides as described in LAC 33:V.3805; ~~and~~
- c. thermostats as described in LAC 33:V.3807-~~i~~
- d. lamps as described in LAC 33:V.3809; and
- e. antifreeze as described in LAC 33:V.3811.

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[See Prior Text in D.8-O.2.c.vi]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

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18:1375 (December 1992), amended by the Office of the Secretary, LR 19:1022 (August 1993), amended by the Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 20:1000 (September 1994), LR 21:266 (March 1995), LR 21:944 (September 1995), LR 22:813 (September 1996), LR 22:831 (September 1996), amended by the Office of the Secretary, LR 23:298 (March 1997), amended by the Office of Solid And Hazardous Waste, Hazardous Waste Division, LR 23:564 (May 1997), LR 23:567 (May 1997), LR 23:721 (June 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:952 (August 1997), LR 23:1511 (November 1997), LR 24:298 (February 1998), LR 24:1093 (June 1998), LR 24:**.

Title 33
ENVIRONMENTAL QUALITY

Part V. Hazardous Waste and Hazardous Materials
Subpart 1. Department of Environmental Quality-Hazardous Waste

**Chapter 3. General Conditions for Treatment, Storage, and
Disposal Facility Permits**

§305. Scope of the Permit

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[See Prior Text in A-C.11.a]

- b. pesticides as described in LAC 33:V.3805; ~~and~~
- c. thermostats as described in LAC 33:V.3807-~~i~~
- d. lamps as described in LAC 33:V.3809; and
- e. antifreeze as described in LAC 33:V.3811.

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[See Prior Text in C.12-G.3]

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Title 33
ENVIRONMENTAL QUALITY

Part V. Hazardous Waste and Hazardous Materials
Subpart 1. Department of Environmental Quality-Hazardous Waste

Chapter 15. Treatment, Storage, and Disposal Facilities

§1501. Applicability

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[See Prior Text in A-C.11.a]

- b. pesticides as described in LAC 33:V.3805; and
- c. thermostats as described in LAC 33:V.3807-~~i~~
- d. lamps as described in LAC 33:V.3809; and
- e. antifreeze as described in LAC 33:V.3811-~~i~~ or

12. LAC 33:V.5309 identifies when the requirements of this Chapter apply to the storage of military munitions classified as solid waste under LAC 33:V.5303. The treatment and disposal of hazardous waste military munitions are subject to the applicable permitting, procedural, and technical standards in LAC 33:V.Subpart 1.

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[See Prior Text in D-G]

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Title 33
ENVIRONMENTAL QUALITY

Part V. Hazardous Waste and Hazardous Materials
Subpart 1. Department of Environmental Quality-Hazardous
Waste

Chapter 22. Prohibitions on Land Disposal
Subchapter A. Land Disposal Restrictions

§2201. Purpose, Scope, and Applicability

* * *

[See Prior Text in A-I.5.a]

- b. pesticides as described in LAC 33:V.3805; and
- c. thermostats as described in LAC 33:V.3807-~~i~~;
- d. lamps as described in LAC 33:V.3809; and
- e. antifreeze as described in LAC 33:V.3811.

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Title 33
ENVIRONMENTAL QUALITY

Part V. Hazardous Waste and Hazardous Materials
Subpart 1. Department of Environmental Quality-Hazardous
Waste

Chapter 38. Universal Wastes
Subchapter A. General

§3801. Scope and Applicability

A. This Chapter establishes requirements for managing batteries, pesticides, ~~and thermostats, lamps, and antifreeze~~ as described in LAC 33:V.3813. This Chapter provides an alternative set of management standards in lieu of regulations under ~~this Subpart~~ LAC 33:V.Chapters 1, 3, 5, 7, 9, 11, 13, 15, 17, 18, 19, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 35, 37, 39, 40, 41, 43, 49, and 51.

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[See Prior Text in B - D]

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§3809. Applicability - Lamps

A. Lamps Covered Under this Chapter. The requirements for this Chapter apply to persons managing lamps as described in LAC 33:V.3813, except those listed in Subsection B of this Section.

B. Lamps Not Covered Under this Chapter. The requirements of this Chapter do not apply to persons managing the following lamps:

1. lamps, as described in LAC 33:V.3813, that are not yet wastes under LAC 33:V.Chapter 4901-, including those that do not meet the criteria for waste generation in

Subsection C of this Section describes when lamps become wastes; and

2. lamps, as described in this Chapter, that are not hazardous waste. A lamp is a hazardous waste if it exhibits one or more of the characteristics identified in LAC 33:V.4903.

C. Generation of Waste Lamps

1. The date a used lamp becomes a waste is on the date the generator permanently removes it is discarded (i.e., sent for reclamation) from its fixture.

2. The date an unused lamp becomes a waste is on the date the generator handler decides to discard it.

3. A waste lamp is a hazardous waste if it exhibits one or more of the characteristics identified in LAC 33:V.4903.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Waste Services, Hazardous Waste Division, LR 24:**.

§3811. Applicability - Antifreeze

A. Antifreeze Covered Under this Chapter. The requirements for this Chapter apply to persons managing antifreeze as described in LAC 33:V.3813, except those listed in Subsection B of this Section.

B. Antifreeze Not Covered Under this Chapter. The requirements of this Chapter do not apply to persons managing the following antifreeze:

1. antifreeze, as described in LAC 33:V.3813, that is not yet a waste under LAC 33:V. Chapter 4901, including those that do not meet the criteria for waste generation in Subsection C of this Section describes when antifreeze becomes a waste; and

2. antifreeze, as described in this Chapter, that is not yet a hazardous waste. Antifreeze is a hazardous waste if it exhibits one or more of the characteristics identified in LAC 33:V.4903.

C. Generation of Waste Antifreeze

1. Used or unused antifreeze becomes a waste on the date it is discarded (e.g., when sent for reclamation).

2. Waste antifreeze is a hazardous waste if it exhibits one or more of the characteristics identified in LAC 33:V.4903.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Waste Services, Hazardous Waste Division, LR 24:**.

§3813. Definitions

Antifreeze—an ethylene glycol based mixture that lowers the freezing point of water and is used as an engine coolant.

* * *

[See Prior Text]

Lamp—the bulb or tube portion of a lighting device specifically designed to produce radiant energy, most often in the ultraviolet (UV), visible, and infra-red (IR) regions of the electromagnetic spectrum. Examples of common electric lamps include, but are not limited to, incandescent, fluorescent, high intensity discharge, and neon lamps.

Large Quantity Handler of Universal Waste—a universal waste handler (as defined in this Section) who accumulates 5,000 kilograms or more total of universal waste (batteries, pesticides, ~~or~~ thermostats, lamps, or antifreeze, calculated collectively) at any time. This designation as a large quantity handler of universal waste is retained through the end of the calendar year in which 5,000 kilograms or more total of universal waste is accumulated.

Mercury-Containing Lamp—an electric lamp in which mercury is purposely introduced by the manufacturer for the operation of the lamp.

* * *

[See Prior Text]

Small Quantity Handler of Universal Waste—a universal waste handler (as defined in this Section) who does not accumulate more than 5,000 kilograms total of universal waste (batteries, pesticides, ~~or~~ thermostats, lamps, or antifreeze, calculated collectively) at any time.

* * *

[See Prior Text]

Universal Waste—any of the following hazardous wastes that are subject to the universal waste requirements of this Chapter:

1. batteries as described in LAC 33:V.3803;
2. pesticides as described in LAC 33:V.3805; ~~and~~
3. thermostats as described in LAC 33:V.3807; ~~i~~
4. lamps as described in LAC 33:V.3809; and
5. antifreeze as described in LAC 33:V.3811.

* * *

[See Prior Text]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 23:570 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:**.

Subchapter B. Standards for Small Quantity Handlers of Universal Waste

§3821. Waste Management

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[See Prior Text in A-C.3.b]

D. Universal Waste Lamps. A small quantity handler of universal waste must manage universal waste lamps in a way that prevents releases of any universal wastes or a component of any universal waste to the environment, as follows:

1. a small quantity handler of universal waste must contain unbroken lamps in packaging that will minimize breakage during normal handling conditions; and
2. a small quantity handler of universal waste must contain broken lamps in packaging that will minimize the releases of lamp fragments and residues.

E. Universal Waste Antifreeze. A small quantity handler of universal waste must manage universal waste antifreeze in a way that prevents releases of any universal waste or component of a universal waste to the environment. The universal waste antifreeze must be contained in one or more of the following:

1. a container that remains closed, structurally sound, and compatible with the antifreeze and that lacks

evidence of leakage, spillage, or damage that could cause leakage under reasonably foreseeable conditions;

2. a container that does not meet the requirements of Subsection E.1 of this Section, provided that the unacceptable container is overpacked in a container that does meet the requirements of Subsection E.1 of this Section;

3. a tank that meets the requirements of LAC 33:V.1915.C; or

4. a transport vehicle or vessel that is closed, structurally sound, and compatible with the antifreeze and that lacks evidence of leakage, spillage, or damage that could cause leakage under reasonably foreseeable conditions.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 23:571 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:**.

§3823. Labeling/Marking

A small quantity handler of universal waste must label or mark the universal waste to identify the type of universal waste as specified below:

* * *

[See Prior Text in A.1-4]

5. universal waste lamps (i.e., each lamp), or a container in which the lamps are contained, must be labeled or marked clearly with any one of the following phrases: "Universal Waste - Lamps," or "Waste Lamps," or "Used Lamps."

6. universal waste antifreeze, or a container in which the antifreeze is contained, must be labeled or marked clearly with any one of the following phrases: "Universal Waste - Antifreeze," or "Waste Antifreeze," or "Used Antifreeze."

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 23:572 (May 1997), amended by

the Office of Waste Services, Hazardous Waste Division, LR 24:**.

Subchapter C. Standards for Large Quantity Handlers of Universal Waste

§3841. Notification

* * *

[See Prior Text in A-B.3]

4. a list of all of the types of universal waste managed by the handler (e.g, batteries, pesticides, thermostats, lamps, antifreeze); and

5. a statement indicating that the handler is accumulating more than 5,000 kilograms of universal waste at one time and the types of universal waste (e.g, batteries, pesticides, thermostats, lamps, antifreeze) the handler is accumulating above this quantity.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 23:574 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:**.

§3843. Waste Management

* * *

[See Prior Text in A-C.3.b]

D. Universal Waste Lamps. A large quantity handler of universal waste must manage universal waste lamps in a way that prevents releases of any universal waste or component of a universal waste to the environment, as follows:

1. a large quantity handler of universal waste must contain unbroken lamps in packaging that will minimize breakage during normal handling conditions; and

2. a large quantity handler of universal waste must contain broken lamps in packaging that will minimize the releases of lamp fragments and residues.

E. Universal Waste Antifreeze. A large quantity handler of universal waste must manage universal waste antifreeze in a way that prevents releases of any universal waste or

component of a universal waste to the environment. The universal waste antifreeze must be contained in one or more of the following:

1. a container that remains closed, structurally sound, and compatible with the antifreeze and that lacks evidence of leakage, spillage, or damage that could cause leakage under reasonably foreseeable conditions;

2. a container that does not meet the requirements of Subsection E.1 of this Section, provided that the unacceptable container is overpacked in a container that does meet the requirements of Subsection E.1 of this Section;

3. a tank that meets the requirements of LAC 33:V.Chapter 19, except for LAC 33:V.1915.C;

4. a transport vehicle or vessel that is closed, structurally sound, and compatible with the antifreeze and that lacks evidence of leakage, spillage, or damage that could cause leakage under reasonably foreseeable conditions.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 23:574 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:**.

§3845. Labeling/Marking

A large quantity handler of universal waste must label or mark the universal waste to identify the type of universal waste as specified below:

* * *

[See Prior Text in A.1-4]

5. Universal waste lamps (i.e., each lamp), or a container in which the lamps are contained, must be labeled or marked clearly with any one of the following phrases: "Universal Waste - Lamps," or "Waste Lamps," or "Used lamps."

6. Universal waste antifreeze, or a container in which the antifreeze is contained, must be labeled or marked clearly with any one of the following phrases: "Universal Waste - Antifreeze," or "Waste Antifreeze," or "Used Antifreeze."

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 23:575 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:**.

§3855. Tracking Universal Waste Shipments

* * *

[See Prior Text in A-A.1]

2. the quantity of each type of universal waste received (e.g., batteries, pesticides, thermostats, lamps, antifreeze); and

* * *

[See Prior Text in A.3-B.1]

2. the quantity of each type of universal waste sent (e.g., batteries, pesticides, thermostats, lamps, antifreeze); and

* * *

[See Prior Text in B.3-C.2]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 23:576 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:**.

Subchapter E. Standards for Destination Facilities

§3877. Tracking Universal Waste Shipments

* * *

[See Prior Text in A-A.1]

2. the quantity of each type of universal waste received (e.g., batteries, pesticides, thermostats, lamps, antifreeze); and

* * *

[See Prior Text in A.3-B]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 23:578 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:**.