



HAZARDOUS WASTE MARKING REQUIREMENTS

Authority Cited: Health and Safety Code (HSC); Title 22 California Code of Regulations (22 CCR)

This document describes requirements that apply to generators of hazardous waste while waste is being accumulated or stored on-site. 22 CCR §§66262.31 and 66262.32 require that all applicable U.S. Department of Transportation marking and labeling requirements be met prior to offering waste for transportation.

1. Accumulation/Storage Containers and Portable Tanks: (Other than satellite accumulation containers)

22 CCR §66262.34(f)

Accumulation or storage containers and portable tanks shall be marked with the following information:

- The words “HAZARDOUS WASTE”
- The accumulation start date for the waste in the container;
- Composition (*e.g., waste oil; acetone 40%, toluene 60%; etc.*) and physical state (*i.e., solid, liquid, etc.*) of the waste;
- Hazardous properties (*i.e., flammable, corrosive, reactive, toxic, etc.*) of the waste;
- Name and address of the facility generating the waste.

2. Accumulation/Storage Tanks: (Non-portable)

Accumulation or storage tanks, including underground storage tank fill pipes, shall be marked with the following information:

22 CCR §66262.34(f)

- The words “HAZARDOUS WASTE”
- The accumulation start date for the waste in the tank.

3. Satellite Accumulation Containers:

22 CCR §§66262.34(e) and (f)

Satellite accumulation containers shall be marked with the following information:

- The words “HAZARDOUS WASTE”
- The initial accumulation start date for the waste in the container;
- The date the satellite accumulation quantity limit (*55 gallons for hazardous waste, 1 quart for extremely hazardous waste*) is reached;
- Composition (*e.g., waste oil; acetone 40%, toluene 60%; etc.*) and physical state (*i.e., solid, liquid, etc.*) of the waste;
- Hazardous properties (*e.g., flammable, corrosive, reactive, toxic, etc.*) of the waste;
- Name and address of the facility generating the waste.

4. Used Oil:

22 CCR §66279.21(b)

In addition to all other information required to be marked on hazardous waste containers/tanks, containers and aboveground tanks used to store used oil and fill pipes used to transfer used oil into underground storage tanks shall be marked or clearly labeled with the words, “USED OIL” .

5. Hazardous Waste Treatment Units:

22 CCR §67450.3(c)(7)

a. Hazardous waste tanks or treatment units operating under Tiered Permit provisions shall be marked with:

- The name of the person/facility (*legal entity*) which owns the tank/unit;
- The facility’s EPA ID number;
- The tank/unit’s individual serial number.

b. Tanks not subject to continuous throughput shall additionally be marked with:

- The words “HAZARDOUS WASTE”
- The accumulation start date for the waste in the tank.

6. Containers Holding Used Oil Filters (not commingled with gasoline fuel filters):

22 CCR §66266.130(c)(3) & HSC §22250.22(b)(1)

Containers holding drained used oil filters and/or drained Diesel fuel filters to be transported off-site – either directly or via a storage or consolidation facility – to a smelter for recycling shall be marked with the following information:

- The words “DRAINED USED OIL FILTERS”
- The accumulation start date for the filters in the container.

(Note: All other used oil filter containers shall be marked per hazardous waste accumulation/storage container requirements.)

7. Containers Holding Used Gasoline Fuel Filters:

Containers holding drained used gasoline fuel filters to be transported off-site - either directly or via a storage or consolidation facility - to a smelter for recycling shall be marked with the following information:

- The words “USED OIL AND GASOLINE FILTERS” HSC §22250.22(b)(1)
- The accumulation start date for the filters in the container. 22 CCR §66266.130(c)(3)

(Note: All other used gasoline fuel filter containers shall be marked per hazardous waste accumulation/storage container requirements.)

8. Recyclable Hazardous Materials Containers or Tanks:

HSC 25143.9(a)

Containers and tanks holding recyclable hazardous materials excluded from classification as hazardous waste pursuant to HSC §25143.2(b) or (d) shall be marked as follows.

a. Containers or Portable Tanks:

- The words “EXCLUDED RECYCLABLE MATERIAL”
- The accumulation start date for the material in the container;
- Composition (*e.g., oil; acetone 40%, toluene 60%; etc.*) and physical state (*i.e., solid, liquid, etc.*) of the material;
- Hazardous properties (*e.g., flammable, corrosive, reactive, toxic, etc.*) of the material;
- Name and address of the facility generating the material.

b. Non-Portable Tanks:

i. Accumulation or storage tanks shall be marked with the following information:

- The words “EXCLUDED RECYCLABLE MATERIAL”
- The accumulation start date for the material in the tank.

ii. Aboveground tanks shall also be marked in accordance with CFC Standard 79-3.

CFC §7902.1.3.2 & 8003.1.2

9. Empty Hazardous Materials Containers:

22 CCR §66261.7(f)

Each empty container* larger than 5 gallons which previously held a hazardous material and is considered a hazardous waste shall be marked with the date it was emptied. *[Exceptions: (1) Empty gas cylinders are exempt when the pressure in the container reaches atmospheric pressure; (2) Aerosol cans are exempt provided that they are not a RCRA-regulated hazardous waste or California extremely hazardous waste and that the containers are emptied of contents and propellant to the maximum extent practical under normal use; (3) Containers or container liners made of wood, paper, cardboard, fabric, or any other similarly absorptive materials must be managed as hazardous wastes if they were in direct contact with and have absorbed the hazardous waste or hazardous material they held; (4) Containers or container liners which have held RCRA acutely hazardous (P List) wastes or California extremely hazardous wastes must be managed as hazardous wastes unless they have been triple rinsed or otherwise cleaned in a manner approved by the California Department of Toxic Substances Control.]*

* The California Department of Toxic Substances Control (DTSC) Fact Sheet titled “Managing Empty Containers” defines what constitutes an “empty” container. It is available on-line at: www.dtsc.ca.gov/database/Publications/pub_index.cfm

10. Universal Wastes:

Universal Wastes (UW) are wastes regulated pursuant to Chapter 23 of Division 4.5, Title 22 CCR or HSC §25201.16. UW must be marked as follows:

- a. **Aerosol Cans** – Each container holding UW aerosol cans shall be clearly marked with any one of the following phrases: “Universal Waste – Aerosol Cans,” “Waste Aerosol Cans,” or “Used Aerosol Cans.” HSC §25201.16(f)(6)
- b. **Batteries** – Each battery, or each container in which UW batteries are held, shall be marked with any one of the following phrases: “Universal Waste – Battery(ies),” or “Waste Battery(ies),” or “Used Battery(ies).” 22 CCR §66273.14(a) or 66273.34(a)
- c. **Dental Amalgam** – Each container holding UW dental amalgam shall be marked with any one of the following phrases: “Universal Waste – Dental Amalgam,” “Waste Dental Amalgam,” or “Scrap Dental Amalgam.” 22 CCR §66273.14(f) or 66273.34(f)
- d. **Electronic Devices** – Each electronic device, or each container or pallet in or on which UW electronic devices are held, shall be marked with any one of the following phrases: “Universal Waste – Electronic Device(s)” or “UW – Electronic Device(s).” 22 CCR §66273.14(d) or 66273.34(d)

UW electronic devices may instead be accumulated within a designated area demarcated by boundaries that are clearly marked with any one of the following phrases: “Universal Waste – Electronic Device(s)” or “UW – Electronic Device(s).” 22 CCR §66273.14(d)(1) or 66273.34(d)(1)

- e. **Lamps** – Each lamp, or each container or package in which UW lamps are held, shall be marked with any one of the following phrases: “Universal Waste – Lamp(s),” or “Waste Lamp(s),” or “Used Lamp(s).” 22 CCR §66273.14(c) or 66273.34(c)
- f. **Other Universal Wastes** – The following Universal Wastes, or containers holding such wastes, shall be marked as indicated:
 - o UW Counterweights and Dampers or products containing such items shall be marked per 22 CCR §66273.14(i) or 66273.34(i), as appropriate.
 - o UW Dilators and Weighted Tubing shall be marked per 22 CCR §66273.14(j) or 66273.34(j), as appropriate.
 - o UW Gas Flow Regulators shall be marked per 22 CCR §66273.14(l) or 66273.34(l), as appropriate.
 - o UW Mercury Switches and Thermometers shall be marked per 22 CCR §66273.14(e) or 66273.34(e), as appropriate.
 - o UW Novelties Containing Mercury shall be marked per 22 CCR §66273.14(h) or 66273.34(h), as appropriate.
 - o UW Pressure or Vacuum Gauges and containers holding mercury drained from such gauges shall be marked per 22 CCR §66273.14(g) or 66273.34(g), as appropriate.
 - o UW Rubber Flooring Containing Mercury shall be marked per 22 CCR §66273.14(k) or 66273.34(k), as appropriate.
 - o UW Thermostats shall be marked per 22 CCR §66273.14(b) or 66273.34(b), as appropriate.

Universal Waste items, the containers they are accumulated/stored in, or their designated storage areas are also subject to accumulation start date marking requirements of 22 CCR §66273.15 or 66273.35 unless the UW handler maintains an inventory system for tracking UW accumulation times per 22 CCR §66273.15(c)(3), (4), or (6) (for small quantity UW handlers); or 22 CCR §66273.35(c)(3), (4), or (6) (for large quantity UW handlers).