



CUPA

San Bernardino County Fire Department • Hazardous Materials Division
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ONSITE TIERED PERMITTING
CONDITIONALLY EXEMPT SPECIFIED WASTESTREAMS (CESW) PAGE
WASTE AND TREATMENT PROCESS COMBINATIONS
(one page per treatment unit - check all that apply)

I. FACILITY IDENTIFICATION

Form with fields: FACILITY ID # (F A), BUSINESS NAME (Same as FACILITY NAME or DBA), BUSINESS ADDRESS, CITY, ZIP CODE, UNIT ID # (606)

- 1. Treating resins mixed or cured in accordance with the manufacturer's instructions (including multicomponent and pre- 628 impregnated materials).
2. Treating a container of 110 gallons or less capacity, which is not constructed of wood, paper, cardboard, fabric or any other similar absorptive material...
3. Drying special wastes, as classified by the department pursuant to Title 22, CCR, Section 66261.124, by pressing or by passive or heat-aided evaporation to remove water.
4. Magnetic separation or screening to remove components from special wastes, as classified by the Department pursuant to Title 22, CCR, Section 66261.124.
5. Neutralizing hazardous wastes which are corrosive or toxic solely due to presence of acidic or alkaline material from food or food byproducts, and acidic or alkaline wastes other than wastes containing nitric acid...
6. Gravity separation of the following (must use impervious tanks or containers; may not use heat, and may not add chemicals other than flocculants and demulsifiers):
7. A laboratory which is State certified or operated by an education institution and treats wastewater generated onsite solely as a result of analytical testing...
8. Treatment carried out in quality control/quality assurance laboratories at facilities other than offsite hazardous waste facilities...
9. Certified Technology: any wastestream and treatment technology combination certified by DTSC as appropriate for authorization under CESW...

Instructions for Completing the Onsite Hazardous Waste Treatment Process Forms

GENERAL INFORMATION

The following forms list the eligibility requirements for each hazardous waste treatment tier.

Be sure to note that some of the process categories have volume and/or concentration restrictions that you must meet in order to qualify for a specific tier.

In the event that you utilize a certified treatment technology, enter the Certified Technology Number in the space provided on the tier specific page that applies to your process.

As of April 1, 1999, there is one certified technology for these tiers. The certification is for aldehyde treatment processes and is eligible for the CESW tier. The approved technology is:

Neutralex SCIGEN

Cert. #. 97-01-0024 333

East Gardena Blvd.

Gardena, CA 90248

June 29, 1997 (expires June 29, 2000)

Description: Batch treatment for 10 percent Formalin generated by medical, educational, and laboratory facilities. Chemically treats in a provided 8 liter vessel. After testing, allows for disposal to sanitary sewer.

Tier: Authorized for the CESW tier.

A copy of published Certification Statements and additional updates may be obtained by contacting DTSC at (916) 322-3670 or from the Cal/EPA on-line Bulletin Board via modem at (916) 322-5041.

If you treat a total of less than 55 gallons or 500 pounds in ALL units you will use the CESQT form *only*.

FORM INSTRUCTIONS

- You must complete one unit form for each treatment unit at this location
- In order to utilize these forms and determine the tier you are operating under, do the following:
 - Determine the appropriate process, technology or certified wastestream and treatment technology that you are using to treat your hazardous waste. You may base this determination on the descriptions of wastestream, quantity of waste, and treatment process defined on the tier specific pages.
 - Check the box under the category that best describes the wastestream, quantity of waste, and treatment process.

Example 1: You are a metal plating facility treating an aqueous waste that contains hexavalent chrome by reducing the hexavalent chrome to trivalent chrome using sodium bisulfite **AND** the quantity of your waste is **MORE** than 55 gallons per month in all treatment units at the facility. You would find your treatment process on the Permit by Rule Page, Item 1:

Aqueous wastes containing hexavalent chromium may be treated by the following processes:

- ⁶³⁰
- a. Reduction of hexavalent chromium to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous sulfate, ferrous sulfide or sulfur dioxide provided both pH and addition of the reducing agent are automatically controlled:

NOTE: If you were treating the SAME wastestream in quantities of **LESS THAN** 55 gallons per month, you would find this treatment process on the Conditionally Exempt Small Quantity Generator Page, Item 1.

Example 2: Your facility treats gypsum sludge by drying to remove the water **AND** in quantities of approximately 25,000 pounds per month. You would find your treatment process on the Conditionally Authorized Page, Item 4:

Alum, gypsum, lime, sulfur or phosphate sludge. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds.

Treatment using:

- a. Drying to remove water
- b. Phase separation by filtration, centrifugation or gravity settling.

NOTE: If you treated the SAME wastestream in quantities of **LESS THAN** 500 pounds per month, you would find this treatment process on the Conditionally Exempt Small Quantity Generator Page, Item 5 **OR** if you treated the SAME wastestream in quantities of **OVER** 45,000 pounds, you would find this treatment on the Permit by Rule Page, Item 5.

IF YOU HAVE ANY QUESTIONS CONTACT YOUR DISTRICT INSPECTOR AT (909) 386-8401