

**UNIFIED PROGRAM CONSOLIDATED FORM
ONSITE TIERED PERMITTING
CONDITIONALLY AUTHORIZED (CA) PAGE
WASTE AND TREATMENT PROCESS COMBINATIONS**

(One page per treatment unit. Check all that apply)

UNIT ID#	606. Facility ID#	1. Page ____ of ____
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629.

1. **Aqueous wastes, hazardous solely due to inorganic constituents, except asbestos, listed in Title 22, CCR, Section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 1,400 ppm total of these constituents. (There is no volume limit for this wastestream.) Treatment using:**
 - a. Phase separation, including precipitation, by filtration, centrifugation, or gravity settling, including the use of demulsifiers and flocculants.
 - b. Ion exchange, including metallic replacement.
 - c. Reverse osmosis.
 - d. Adsorption.
 - e. pH adjustment of aqueous waste with a pH of between 2.0 and 12.5.
 - f. Electrowinning of solutions, unless those solutions contain hydrochloric acid.
 - g. Reduction of solutions hazardous solely due to hexavalent chromium, to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous chloride, ferrous sulfate, ferrous sulfide, or sulfur dioxide. The solution contains less than 750 ppm of hexavalent chromium.

2. **Aqueous wastes, hazardous solely due to organic constituents listed in Title 22, CCR, Section 66261.24(a)(1)(B) or (2)(B) and which contain less than 750 ppm total of these constituents. (There is no volume limit for this wastestream.) Treatment using:**
 - a. Phase separation by filtration, centrifugation, or gravity settling, but excluding super critical fluid extraction.
 - b. Adsorption.

3. **Sludges resulting from wastewater treatment, dusts, solid metal objects, and metal workings which are hazardous solely due to the presence of constituents, except asbestos, listed in Title 22, CCR, Section 66261.24(a)(1)(B) or (a)(2)(A) and which, for dusts only, contain less than 750 ppm total of these constituents. The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment using:**
 - a. Physical processes which constitute treatment only because they change the physical properties of the waste, such as filtration, centrifugation, gravity settling, grinding, shredding, crushing, or compacting.
 - b. Drying to remove water.
 - c. Separation based on differences in physical properties, such as size, magnetism, or density.

4. **Alum, gypsum, lime, sulfur, or phosphate sludges. 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.

5. **Special wastes listed in Title 22, CCR, Section 66261.120 that meet the criteria in Title 22, CCR, Section 66261.122 which is hazardous solely due to the constituents, except asbestos, listed in Title 22, CCR, Section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 750 ppm total of these constituents. 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.
 - c. Screening to separate components based on size.
 - d. Separation based on differences in physical properties, such as size, magnetism, or density.

6. **Special wastes classified under Title 22, CCR, Section 66261.124 as special wastes, except asbestos, which is hazardous solely due to the constituents, except asbestos, listed in Title 22, CCR, Section 66261.24(a)(1)(B) or (a)(2)(A) and which contain less than 750 ppm total of these constituents. 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.
 - c. Magnetic separation.

7. **Soils contaminated with metals listed in Title 22, CCR, Section 66261.24(a)(2)(A). The monthly volume treated in this unit does not exceed 5,000 gallons or 45,000 pounds. Treatment using:**
 - a. Screening to separate components based on size.
 - b. Magnetic separation.

8. **Oil mixed with water and oil/water separation sludges. (There is no volume limit for this wastestream.) Treatment using: (NOTE: Some used oil/water separation is allowed under the CEL category.)**
 - a. Phase separation by filtration, centrifugation, or gravity settling, but excluding super critical fluid extraction, including the use of demulsifiers and flocculants. Heat can be used, but must not exceed 160 degrees Fahrenheit.
 - b. Separation based on differences in physical properties, such as size, magnetism, or density.
 - c. Reverse osmosis.

9. **Neutralization of acidic or alkaline wastes, hazardous solely due to corrosivity, or toxic only from the acid or caustic material, in elementary neutralization units. (There is no volume limit for this wastestream.)**
 - a. The waste contains less than 10 percent acid or base constituents by weight. There is no volume limit for this category.
 - b. The waste contains 10 percent or more acid or base constituents by weight and is treated in batches that do not exceed 500 gallons at one time.

10. **Not in use/exempted — formerly recovery of silver from photofinishing.**

11. **Not in use/sunsetted — formerly treatment of spent cleaners and conditioners which are hazardous solely due to copper or copper compounds. Treatment of this wastestream is no longer allowed under Conditional Authorization as of January 1, 1998. Treatment of this wastestream now requires authorization under either Permit by Rule or, if the total volume treated is less than 55 gallons per month, under Conditionally Exempt Small Quantity Treatment.**

12. **A waste stream technology combination certified by the Department pursuant to Section 25200.1.5 of the Health and Safety Code as appropriate for authorization under Conditional Authorization.**
 - Certified Technology Number: _____

Waste and Treatment Process Combinations Form CA Instructions (Formerly DTSC Form 1772C)

This Waste and Treatment Process Combinations page lists those waste and treatment combinations certified by the Department of Toxic Substances Control (DTSC) pursuant to Health and Safety Code (H&SC) §25200.1.5 for authorization under the Conditionally Authorized (CA) tier. [Note: 1.) Reactive and extremely hazardous wastes are not allowed to be treated under this tier; 2.) Except for dilute aqueous waste and oily waste, volume of hazardous waste treated must not exceed 5,000 gallons (45,000 pounds) per month.]

Complete a separate Waste and Treatment Process Combinations page for each unit. Please number all pages of your submittal. (Note: Numbering of these instructions follows the UPCF data element numbers on the form.)

606. UNIT ID NUMBER - Enter the unit ID number (same as item 606 from the Onsite Hazardous Waste Treatment Notification - Unit form).

1. FACILITY ID NUMBER - This space is for agency use only.

629. WASTE AND TREATMENT PROCESS COMBINATIONS (CA) - Use this page only for a CA unit. Check the appropriate boxes to indicate the waste and treatment process(es) that pertain to the unit. If the process is a technology certified by DTSC, enter the Certified Technology Number (Cert. #). Certified technologies appropriate for authorization, and the eligible tiers, are listed below.

CERTIFIED TECHNOLOGIES

DTSC is authorized to certify hazardous waste technologies. Appropriate certified technologies may be eligible for the CE, CA or PBR onsite treatment tiers. 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:

Technology	Vendor	Cert. #	Effective Date	Tier	Description
Neutralex	Scigen 333 East Gardena Blvd. Gardena, CA 90248	97-01-0024	6/29/97 (expires 6/29/00)	CESW	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.

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.