

Effective
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Supplemental California Manifest Instructions

Revised June 2007

Federal and State hazardous waste manifest regulations changed on **September 5, 2006.**

Detailed manifest instructions are printed on the back of the new federal manifest. These Supplemental California Instructions cover additional California requirements. Please use the instructions printed on the new manifest for item by item directions. Materials are available at www.dtsc.ca.gov (under ID numbers, Manifests & Fees, Hazardous Waste Manifests), including fact sheets and California's manifest regulations, sample manifests, and federal instructions. For load rejections and consolidated manifesting, refer to the regulations and fact sheets.

IMPORTANT MANIFEST CHANGES - PLEASE READ AND SAVE AS A REFERENCE

The U.S. Environmental Protection Agency (EPA) revised the Uniform Hazardous Waste Manifest and requires the use of only the new version nationally after September 4, 2006. **States are no longer allowed to modify the form or the instructions.** Old versions of the California manifest, or manifests from other states, **may not be used after September 4, 2006.** The new manifest form is no longer color coded, and the new six-part form does not include a copy for generators to submit to their state, although California requires the generator to submit a copy.

Additional Information and Instruction Changes:

- **Adds** space for emergency response number;
- **Adds** Generator's site address;
- Allows up to six waste codes for each waste stream;
- **Adds** a box to indicate if waste stream is U.S. DOT regulated;
- **Adds** space for import/export information;
- **Adds** room for destination facilities to note discrepancies or if container residues exceed empty levels;
- **Adds** a new field for a manifest reference number when waste is rejected or if container residues are shipped on a new manifest;
- **Adds** a separate field for alternative facility information and signatures;
- Uses HW Report Management Codes to replace handling codes;
- **Prohibits** the use of fractions or decimal points in waste quantities in Item 10; and
- Discourages use of large quantity units in Item 11 (e.g. tons or cubic yards) when other units, i.e. pounds, are more accurate.

Where Do I Get Manifests?

California does not sell the new manifest forms. Forms are available only from private printers approved by EPA. EPA posts approved printers at www.epa.gov/epaoswer/hazwaste/gener/manifest/registry/index.htm.

Generators Must Submit Manifest Copies!

California requires generators and permitted transfer, treatment, storage, and disposal Facilities (Facilities) to submit manifests. The federal manifest form does not include a Generator-to-State submittal page, like the old manifest did (the blue page). **Within 30 days of shipping the waste, generators must submit a copy of each manifest to DTSC. This copy can either be a legible photocopy or the "Generator Retains" copy, if the generators receive a signed facility copy back within 30 days.** Generators may submit a copy of the "Generator Retains" copy (page 6), the top page (the most legible one - page 1), or any other page, as long as it is **legible**.

What About Submitting Manifests for Rejected Loads?

Generators should send copies of manifests they sign when receiving rejected waste or container residues to the Department of Toxic Substances Control's (DTSC) Facility Manifests at P.O. Box 3000. Facilities **signing** new manifests for rejected loads should submit the generator copy to DTSC Generator Manifests at P.O. Box 400. See the rejected load fact sheet on DTSC's web site.

How Are California Manifest Requirements Different from Federal?

- California requires conditionally exempt small quantity generators to use manifests and regulates more waste as hazardous.
- DTSC uses the submitted generator and facility manifest copies for cradle-to-grave tracking of waste.
- California's definition of an "empty" container is more stringent. Non-empty containers must be manifested, including bulk containers, whether the waste is federal RCRA or non-RCRA.
- Facilities in other states are required to submit copies to DTSC when waste generated in California is received out of state. Out-of-state generators sending waste to California facilities, or that will be exported through California, are encouraged to submit manifest copies.

Where Do I Mail Manifests? Same P.O. Boxes - No Change

GENERATORS SEND TO:

DTSC Generator Manifests
P.O. Box 400
Sacramento, CA 95812-0400

TSCFs/DESIGNATED FACILITIES SEND TO:

DTSC Facility Manifests
P.O. Box 3000
Sacramento, CA 95812-3000

Where Do I Find California Waste Codes?

The new manifest has six blank boxes for waste codes for each waste stream.

If the waste is RCRA regulated, at least one box must include a RCRA waste code. For waste generated in or shipped to California, a CA state waste code is also required. The additional boxes are for other states' codes when the waste is sent out of state to a state with codes, or for extra RCRA codes. California Waste Codes are printed on the reverse side of these instructions only, not on the instructions printed on the manifest. They are also found in Title 22, California Code of Regulations, Appendix XII to Chapter 11 of Division 4.5.

What are Hazardous Waste Report Management Method Codes (HWRMM Codes)?

Previously, California's manifest instructions required Designated Facilities to use one of 10 handling codes to report how the waste was handled at that facility. The new manifest uses 28 Management Method Codes. These are the same codes used in Biennial Reports. One of the HWRMM codes shown on the other side must be added on the manifest by the **Facilities only**. **Generators and transporters do not add these codes.**

Contact Information:

First, visit the DTSC web page at www.dtsc.ca.gov/IDManifest for training information and review the basic instructions printed on the manifest. This document includes Supplemental Instructions only for use in California. For more information, contact your transporter or facility, or call DTSC's Regulatory Assistance Officer at 800-72-TOXIC.

CALIFORNIA WASTE CODES

California Restricted Wastes – Use First , if applicable	
711	Liquids with cyanides \geq 1000 mg/l
721	Liquids with arsenic \geq 500 mg/l
722	Liquids with cadmium \geq 100 mg/l
723	Liquids with chromium (VI) \geq 500 mg/l
724	Liquids with lead \geq 500 mg/l
725	Liquids with mercury \geq 20 mg/l
726	Liquids with nickel \geq 134 mg/l
727	Liquids with selenium \geq 100 mg/l
728	Liquids with thallium \geq 130 mg/l
731	Liquids with polychlorinated biphenyls \geq 50 mg/l
741	Liquids with halogenated organic compounds \geq 1000 mg/l
751	Solids or sludge with halogenated organic comp. \geq 1000 mg/kg
791	Liquids with pH \leq 2
792	Liquids with pH \leq 2 with metals
801	Waste potentially containing dioxins

CALIFORNIA NON-RESTRICTED WASTES

Inorganics	
121	Alkaline solution (pH \geq 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
122	Alkaline solution without metals (pH \geq 12.5)
123	Unspecified alkaline solution
131	Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)
132	Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)
133	Aqueous solution with 10% or more total organic residues
134	Aqueous solution with <10% total organic residues
135	Unspecified aqueous solution
141	Off-specification, aged, or surplus inorganics
151	Asbestos-containing waste
161	Fluid-cracking catalyst (FCC) waste
162	Other spent catalyst
171	Metal sludge (see 121)
172	Metal dust (see 121) and machining waste
181	Other inorganic solid waste

Organics	
211	Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
212	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
213	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
214	Unspecified solvent mixture
221	Waste oil and mixed oil
222	Oil/water separation sludge
223	Unspecified oil-containing waste
231	Pesticide rinse water
232	Pesticides and other waste associated with pesticide production
241	Tank bottom waste
251	Still bottoms with halogenated organics
252	Other still bottom waste
261	Polychlorinated biphenyls and material containing PCB's
271	Organic monomer waste (includes unreacted resins)
272	Polymeric resin waste
281	Adhesives
291	Latex waste
311	Pharmaceutical waste
321	Sewage sludge
322	Biological waste other than sewage sludge
331	Off-specification, aged, or surplus organics
341	Organic liquids (nonsolvents) with halogens
342	Organic liquids with metals (see 121)
343	Unspecified organic liquid mixture
351	Organic solids with halogens
352	Other organic solids

Sludge	
411	Alum and gypsum sludge
421	Lime sludge
431	Phosphate sludge
441	Sulfur sludge
451	Degreasing sludge
461	Paint sludge
471	Paper sludge/pulp
481	Tetraethyl lead sludge
491	Unspecified sludge waste

Miscellaneous	
511	Empty pesticide containers 30 gallons or more
512	Other empty containers 30 gallons or more
513	Empty containers less than 30 gallons
521	Drilling mud
531	Chemical toilet waste
541	Photochemicals / photo processing waste
551	Laboratory waste chemicals
561	Detergent and soap
571	Fly ash, bottom ash, and retort ash
581	Gas scrubber waste
591	Baghouse waste
611	Contaminated soil from site clean-ups
612	Household waste
613	Auto shredder waste
614	Treated wood waste (new in 2007)

HW REPORT MANAGEMENT METHOD CODES

New Codes	Descriptions
H010	Metals recovery including retorting, smelting, chemicals, etc.
H020	Solvents recovery
H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc.
H050	Energy recovery at this site -- use as fuel (includes on-site fuel blending)
H061	Fuel blending prior to energy recovery at another site
H040	Incineration--thermal destruction other than use as a fuel
H071	Chemical reduction with or without precipitation
H073	Cyanide destruction with or without precipitation
H075	Chemical oxidation
H076	Wet air oxidation
H077	Other chemical precipitation with or without pre-treatment
H081	Biological treatment with or without precipitation
H082	Adsorption
H083	Air or steam stripping
H101	Sludge treatment and/or dewatering
H103	Absorption
H111	Stabilization or chemical fixation prior to disposal at another site
H112	Macro-encapsulation prior to disposal at another site
H121	Neutralization only
H122	Evaporation
H123	Settling or clarification
H124	Phase separation
H129	Other treatment
H131	Land treatment or application (to include on-site treatment and/or stabilization)
H132	Landfill or surface impoundment that will be closed as landfill (to include on-site treatment and/or stabilization)
H134	Deepwell or underground injection (with or without treatment)
H135	Discharge to sewer/POTW or NPDES (with prior storage--with or without treatment)
H141	Storage, bulking, and/or transfer off site--no treatment/recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at this site