

Effective  
09/05/2006

# 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](http://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](http://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

##### TSDFs/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](http://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 ( <a href="#">new in 2007</a> )

### 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

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Manifest Tracking Number				
		5. Generator's Name and Mailing Address						Generator's Site Address (if different than mailing address)				
Generator's Phone:												
6. Transporter 1 Company Name						U.S. EPA ID Number						
7. Transporter 2 Company Name						U.S. EPA ID Number						
8. Designated Facility Name and Site Address						U.S. EPA ID Number						
Facility's Phone:												
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
					No.	Type						
		1.										
		2.										
		3.										
	4.											
14. Special Handling Instructions and Additional Information												
<p>15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.</p> <p>I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.</p>												
Generator's/Offeror's Printed/Typed Name						Signature			Month	Day	Year	
<p>16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____</p> <p>Transporter signature (for exports only): _____ Date leaving U.S.: _____</p>												
17. Transporter Acknowledgment of Receipt of Materials												
Transporter 1 Printed/Typed Name						Signature			Month	Day	Year	
Transporter 2 Printed/Typed Name						Signature			Month	Day	Year	
18. Discrepancy												
<p>18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection</p> <p style="text-align: right;">Manifest Reference Number: _____</p>												
18b. Alternate Facility (or Generator)						U.S. EPA ID Number						
Facility's Phone:												
18c. Signature of Alternate Facility (or Generator)						Signature			Month	Day	Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1.			2.			3.			4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name						Signature			Month	Day	Year	



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CAH000000001		2. Page 1 of 1		3. Emergency Response Phone		4. Manifest Tracking Number 1000001JJK			
		5. Generator's Name and Mailing Address State PHHWCF 1 Conference Lane Sacramento, CA 95826 Generator's Phone:								Generator's Site Address (if different than mailing address)	
6. Transporter 1 Company Name Everyday Disposal								U.S. EPA ID Number CAD002002002			
7. Transporter 2 Company Name								U.S. EPA ID Number			
8. Designated Facility Name and Site Address Incineration USA 9 Go Away Road Tomorrow, CA 97102 Facility's Phone:								U.S. EPA ID Number CAD001001001			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes					
		No.	Type			NA					
X	1. UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DM	506	P	NA	612				
X	2. UN1602, Methyl Bromide, 2.3	001	DF	20	P	NA	612				
X	3. Flammable Liquids, NOS, UN1993, 3, PGII (Gasoline, Petroleum Distillates)	001	DM	50	G	NA	612				
X	4. UN3098, Oxidizing Liquid, corrosive, nos, 5.1, PGII (Sodium Hypochlorite, Calcium Hypochlorite)	001	DF	300	LB	NA	612				
14. Special Handling Instructions and Additional Information 1) ERG171, Profile238843 2) ERG123, Profile113492 3) ERG128, Profile47132											
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offeror's Printed/Typed Name No Name					Signature -----			Month 8	Day 9	Year 13	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____											
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name Incredible Driver					Signature -----			Month 9	Day 8	Year 13	
Transporter 2 Printed/Typed Name					Signature			Month	Day	Year	
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number:											
18b. Alternate Facility (or Generator)								U.S. EPA ID Number			
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator)								Month	Day	Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1.			2.			3.			4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name					Signature			Month	Day	Year	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b> (Continuation Sheet)		21. Generator ID Number CAH000000001	22. Page 2	23. Manifest Tracking Number 100001JJK		
24. Generator's Name State PHHWCF						
25. Transporter <u>1</u> Company Name Everyday Disposal				U.S. EPA ID Number CAD002002002		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a HM	27b U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit WT./Vol	31. Waste Codes
		No.	Type			
X	UN2810, Toxic Liquids, organic, NOS, 6.1, PGII	001	DF	200	P	612
X	Non-RCRA Hazardous Waste Solid (Oily Absorbent)	001	DM	300	P	352
X	UN1719, Caustic Alkali Liquids, NOS, 8, PGII (Sodium Hydroxide, Ammonia)	001	DP	220	P	612
32. Special Handling Instructions and Additional Information 5) ERG153, Profile 316425 6) Profile 4716320 7) ERG154, Profile27365						
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials					
	Printed/Typed Name		Signature		Month	Day
TRANSPORTER	34. Transporter _____ Acknowledgment of Receipt of Materials					
	Printed/Typed Name		Signature		Month	Day
DESIGNATED FACILITY	35. Discrepancy					
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						

12345678  
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. C   A   0   0   0   0   0   7   1   5   4   8		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address James Buchanan HS 86 188 <sup>th</sup> Street Los Angeles, CA 90011						A. State Manifest Document Number <b>12345678</b>							
4. Generator's Phone (213) 555-4913						B. State Generator's ID							
5. Transporter 1 Company Name Sweathog Transportation				6. US EPA ID Number N   Y   D   0   0   0   0   3   9   0   5   0		C. State Transporter's ID							
7. Transporter 2 Company Name						8. US EPA ID Number							
9. Designated Facility Name and Site Address Kotter Resources 74811 Brooklyn Street Mojave, CA						10. US EPA ID Number C   A   D   9   8   0   2   2   5   2   4   1							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number	
						No.		Type					
a. HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, PGIII, RQ X (D011) (ERG #171) (PHOTO FIXER SILVER SOLUTION) (9#/GAL)						061		D F		01509		G 541 D011	
b. NON-RCRA HAZARDOUS WASTE LIQUID, (PHOTOGRAPHIC SOLUTION)(8#/GAL)						008		D F		00074		G 541 EPA/Other	
X c. HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, PGIII, RQ (D011), erg#171 (PHOTOFIXER SILVER SOLUTION) (9#/GAL)						004		D F		00180		p 541 D011	
d.												State EPA/Other	
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above							
105667530						a. 01		b. 01					
						c. 01		d.					
						15. Special Handling Instructions and Additional Information MSFT R/T# 105605895 0-007-60 EMERGENCY RESP 800-468-1760 (24 HR). IF UNDELIVERABLE RETURN TO GENERATOR. SWEATHOG TRANSPORTATION AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIERS AS NECESSARY.							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name <b>MICHAEL WOODMAN</b>				Signature <i>MICHAEL WOODMAN</i>		Month 09		Day 04		Year 06			
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name <i>VINNIE BARBARINO</i>				Signature <i>VINNIE BARBARINO</i>		Month 09		Day 04		Year 06			
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature		Month		Day		Year			
19. Discrepancy Indication Space <i>1 drum of solution (item 11b) was rejected due to unknown contamination. Remanifested on Manifest #987654321 CBA &amp; sent back to generator.</i>													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name <b>Gabe Kotter</b>				Signature <i>Gabe Kotter</i>		Month 09		Day 08		Year 06			

DO NOT WRITE BELOW THIS LINE.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CA0000071548		2. Page 1 of 1		3. Emergency Response Phone 800-468-1760		4. Manifest Tracking Number <b>123456789 ABC</b>			
		5. Generator's Name and Mailing Address James Buchanan HS 86 188 <sup>th</sup> Street Los Angeles, CA 90011 Generator's Phone: (213) 555-4913								Generator's Site Address (if different than mailing address)	
6. Transporter 1 Company Name Sweathog Transportation								U.S. EPAID Number NYD000039050			
7. Transporter 2 Company Name								U.S. EPAID Number			
8. Designated Facility Name and Site Address Kotter Resources 74811 Brooklyn Street Mojave, CA Facility's Phone: (661) 555-6142								U.S. EPAID Number CAD980225241			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes					
		No.	Type								
RO	1. HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, PGIII, (PHOTO FIXER SILVER SOLUTION), (D011)	61	DF	1509	G	D011	541				
	2. NON-RCRA HAZARDOUS WASTE, LIQUID (PHOTOGRAPHIC SOLUTION)	8	DF	74	G	541					
RO	3. HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, PGIII, (PHOTO FIXER SILVER SOLUTION), (D011)	4	DF	180	p	D011	541				
	4.										
14. Special Handling Instructions and Additional Information MSFT R/T# 105605895 0-007-60 <b>105667530</b> IF UNDELIVERABLE RETURN TO GENERATOR. SWEATHOG TRANSPORTATION AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIERS AS NECESSARY. ITEM 9b. 1: ERG#171, 9#/GAL; 9b.2: 8#/GAL; 9b.3: ERG#171, 9#/GAL.											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offeror's Printed/Typed Name <b>MICHAEL WOODMAN</b>					Signature <i>MICHAEL WOODMAN</i>			Month <b>09</b>	Day <b>05</b>	Year <b>06</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____											
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name <i>VINNIE BARBARINO</i>					Signature <i>VINNIE BARBARINO</i>			Month <b>09</b>	Day <b>05</b>	Year <b>06</b>	
Transporter 2 Printed/Typed Name					Signature			Month	Day	Year	
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input checked="" type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <i>1 drum of solution (item 9b.2.) was rejected due to unknown contamination.</i> Manifest Reference Number: <i>987654321 CBA</i>											
18b. Alternate Facility (or Generator)								U.S. EPAID Number			
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator)								Month	Day	Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <i>H010</i>			2. <i>H010</i>			3. <i>H010</i>			4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name <b>Gabe Kotter</b>					Signature <i>Gabe Kotter</i>			Month <b>09</b>	Day <b>08</b>	Year <b>06</b>	



12345678  
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. C   A   8   0   5   4   2   0   0   7   5   7		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address 9 CES/CEV ENVIRONMENTAL FLIGHT 1546 "A" STREET BURPLESON AFB, CA 95309-1807						A. State Manifest Document Number <b>12345678</b>							
4. Generator's Phone (530) 555-4264						B. State Generator's ID							
5. Transporter 1 Company Name  STRANGELOVE ENVIRONMENTAL				6. US EPA ID Number C   A   D   6   3   0   7   7   2   8   2   0		C. State Transporter's ID							
7. Transporter 2 Company Name						D. Transporter's Phone 310 555-3400							
8. US EPA ID Number						E. State Transporter's ID							
9. Designated Facility Name and Site Address <del>JDR REFINING</del> AD Environmental 3506 W. 62nd St. <del>587 WRITE STREET</del> Los Angeles, CA 90023 <del>SANTA CLARA, CA 95050</del>						10. US EPA ID Number C   A   D   0   0   6   2   3   2   9   5   3		F. Transporter's Phone					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number	
a. RO, HAZARDOUS WASTE, LIQUID, N.O.S. (CADMIUM, CHROMIUM), 9, NA3082, PGIII (D006, D007, D011)						0   0   1 T   T		2   4   8   2   0		P		State 541 EPA/Other D011	
b.												State EPA/Other	
c.												State EPA/Other	
d.												State EPA/Other	
J. Additional Descriptions for Materials Listed Above 11a. <del>4153</del> 910-916-13 Additional EPA Waste Codes: D006, D007						K. Handling Codes for Wastes Listed Above a. 01 b. c. d.							
15. Special Handling Instructions and Additional Information 11a) ERG:171 24 Hour Emergency Response: Buck Turgidson (310) 555-5010 SP4400-00-D0003-0410 USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT P.O. #1266										16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			
Printed/Typed Name <b>Lionel Mandrake</b>				Signature <i>Lionel Mandrake</i>				Month 0   9		Day 0   4		Year 0   6	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>TJ KONG</i>				Signature <i>TJ Kong</i>				Month 0   9		Day 0   4		Year 0   6	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month		Day		Year	
19. Discrepancy Indication Space 09/08: Load was rejected due to unknown contamination. Generator identified alternate TSD, not accepted and sent to alternate TSD by Transporter.										20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.			
Printed/Typed Name <b>Merkin Muffley</b>				Signature <i>Merkin Muffley</i>				Month 0   9		Day 1   0		Year 0   6	

DO NOT WRITE BELOW THIS LINE.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CA8054200757	2. Page 1 of 1	3. Emergency Response Phone (310) 555-5010	4. Manifest Tracking Number <b>123456789 ABC</b>			
5. Generator's Name and Mailing Address 9 CES/CEV ENVIRONMENTAL FLIGHT 1546 "A" STREET BURPLESON AFB, CA 95309-1807 Generator's Phone: (530) 555-4264				Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name STRANGELOVE ENVIRONMENTAL				U.S. EPAID Number CAD630772820				
7. Transporter 2 Company Name				U.S. EPAID Number				
8. Designated Facility Name and Site Address JDR REFINING 587 WRITE STREET SANTA CLARA, CA 95050 Facility's Phone: (408) 555-6834				U.S. EPAID Number CAD006232953				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type			D011	D006	D007
1. RO	HAZARDOUS WASTE, LIQUID, N.O.S. (CADMIUM, CHROMIUM), 9, NA3082, PGIII (D006, D007, D011)	1	TT	24820	G	541		
2.								
3.								
4.								
14. Special Handling Instructions and Additional Information 9b.1: ERG:171 9b. <del>1: 4153</del> 910-916-13 SP4400-00-D0003-0410 USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT P.O. #1266								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name <b>Lionel Mandrake</b>				Signature <i>Lionel Mandrake</i>		Month 9	Day 05	Year 06
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <i>TJ KONG</i>				Signature <i>TJ KONG</i>		Month 09	Day 05	Year 06
Transporter 2 Printed/Typed Name				Signature		Month	Day	Year
18. Discrepancy								
18a. Discrepancy Indication Space: <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input checked="" type="checkbox"/> Full Rejection <i>Load was rejected due to unknown contamination.</i>								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator) <i>AD Environmental</i> <i>3506 W. 62nd St.</i> <i>Los Angeles, CA 90023</i>				U.S. EPAID Number <i>CAT136330080</i>				
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator) <i>Merkin Muffley</i>				Signature		Month 09	Day 10	Year 06
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <i>H010</i>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <i>Stan Kubrick</i>				Signature <i>Stan Kubrick</i>		Month 09	Day 08	Year 06

12345678  
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. C A D 0 1 3 4 9 4 9 5 0		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Starfleet Environmental (San Jose), Inc. 1701 Federation Way San Jose, CA 95133						A. State Manifest Document Number <b>12345678</b>							
4. Generator's Phone (408) 555-4515						B. State Generator's ID							
5. Transporter 1 Company Name Vancouver Pacific				6. US EPA ID Number W A D 9 8 8 6 0 6 5 6 2		C. State Transporter's ID							
7. Transporter 2 Company Name						D. Transporter's Phone (800) 555-7778							
8. US EPA ID Number						E. State Transporter's ID							
9. Designated Facility Name and Site Address Starfleet Environmental (Dilithium), Inc. 16100 S. Altair Road Dilithium, UT 84892						G. State Facility's ID							
10. US EPA ID Number U T D 7 7 1 2 5 5 1 8 9						H. Facility's Phone (801) 555-0018							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number	
a. WASTE FLAMMABLE LIQUIDS, N.O.S., (PETROLEUM DISTILLATES), 3, UN1993, PGIII, RQ (D001,D004, D009, D011, D033)						0 0 1 T C		2 5 2 5 1		G		State 331 EPA/Other D001	
b.												State EPA/Other	
c.												State EPA/Other	
d.												State EPA/Other	
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above							
Additional EPA Waste Codes a. D004, D005, D006, D007, D008, D009 b. c. d.						Approvals: a. AP061602104 b. c. d.							
						a. 07 b. c. d.							
15. Special Handling Instructions and Additional Information ERG#: 128 Railcar#: GATX638750 Auth#: 57397 DPO#: 23533 Emergency Contact: 3-E Company @ 1-800-468-1760													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name <b>Leonard McCoy</b>				Signature <i>Bones McCoy</i>				Month 09		Day 04		Year 06	
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name <i>Montgomery Scott</i>				Signature <i>Montgomery Scott</i>				Month 09		Day 04		Year 06	
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature				Month		Day		Year	
19. Discrepancy Indication Space <i>There is Approx. 2500 gal. left in GATX638750. Heel remaining in rail tanker is being rejected back to generator 9/18/06.</i>													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name <b>Pavel Chekov</b>				Signature <i>Pavel Chekov</i>				Month 09		Day 14		Year 06	

DO NOT WRITE BELOW THIS LINE.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CAD013494950	2. Page 1 of 1	3. Emergency Response Phone (800) 468-1760	4. Manifest Tracking Number <b>123456789 ABC</b>			
5. Generator's Name and Mailing Address Starfleet Environmental (San Jose), Inc. 1701 Federation Way San Jose, CA 95133 Generator's Phone: (408) 555-4515				Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name Vancouver Pacific				U.S. EPAID Number WAD988606562				
7. Transporter 2 Company Name				U.S. EPAID Number				
8. Designated Facility Name and Site Address Starfleet Environmental (Dilithium), Inc. 16100 S. Altair Road Dilithium, UT 84892 Facility's Phone: (801) 555-0018				U.S. EPAID Number UTD771255189				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
1.	WASTE FLAMMABLE LIQUIDS, N.O.S., (PETROLEUM DISTILLATES), 3, UN1993, PGIII, RQ (D001, D004, D009, D011, D033)	1	TC	25251	G	D001	D004	D009
2.						D011	D033	331
3.								
4.								
14. Special Handling Instructions and Additional Information 9b.1: ERG:128 9b.1. Approvals: a. AP061602104      Railcar#: GATX638750 Auth#: 57397      DPO#: 23533								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name Leonard McCoy				Signature BONES MCCOY		Month 9	Day 05	Year 06
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____    Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Montgomery Scott				Signature Montgomery Scott		Month 09	Day 05	Year 06
Transporter 2 Printed/Typed Name				Signature		Month	Day	Year
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input checked="" type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection There is Approx. 2500 gal left in GATX638750. Heel remaining in rail tanker is being rejected back to generator 9/18/06. Manifest Reference Number: 987654321ABC								
18b. Alternate Facility (or Generator)				U.S. EPAID Number				
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)						Month	Day	Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.	2.	3.	4.					
	H040							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name Pavel Chekov				Signature Pavel Chekov		Month 09	Day 14	Year 06

## UN MARKINGS

Packaging Identification Codes	
Numeral (1-7)=Type of Packaging	
1=Drum	2=Wooden Barrel
3=Jerrican	4=Box
5=Bag	6=Composite Packaging
7=Pressure Receptacle	
Capital Letter=Material of Construction	
A=Steel	B=Aluminum
C=Natural Wood	D=Plywood
F=Reconstructed Wood	G=Fiberboard
H=Plastic	L=Textile
M=Paper, multi-wall	N=Other Metal
P=Glass, Porcelain, Stoneware	
Number=Subcategory of Packaging	
For Drums: 1=Non-removable Head    2=Removable Head	
For Bags: 5M1=Multiwall    5M2=Multiwalled, water-resistant	

The number/letter combination indicates the type of packaging and material of construction. The chart listed above shows what each letter and number combination would mean.



### United Nations Symbol



4G/X 3 / S / 11/USA/LM0000

The UN in the circle indicates packaging has been UN tested and certified.



1A1/X1.5/250/11/USA/LM0000

### Packaging Identification Codes



4G/X 3 / S / 11/USA/LM0000

Any one of the following three styles represents an example of the kind of packaging identification code that may be shown on a UN packaging.



1A1/X1.5/250/11/USA/LM0000

1) There may be a number-letter combination indicating a type of packaging and material of construction. For example:

4G = Fiberboard box

2D = Plywood wooden barrel

2) There may be a number-letter-number combination indicating the type of packaging, material of construction and a subcategory within the type of packaging or variation. For example:

1A1 = Non-removable head steel drum

4GV = Fiberboard box variation packaging

3) The description may also show a number-letter-letter-number combination. This mark includes the number six indicating a composite type of packaging, two letters, the first indicating the inner receptacle's material and the second letter indicating the outer material and a second number indicating the type of packaging (not a subcategory). For example:

6HA1 Composite packaging consisting of a plastic inner, steel outer, drum.

6CD4 Composite packaging consisting of a natural wood inner, plywood outer, box.

### Packing Group Level Equivalent



4G/X3 / S / 11/USA/LM0000

The letter X, Y or Z indicates what packing group the package was tested to.



1A1/X1.5/250/11/USA/LM0000

X=Packing Group I

Highest Degree of Danger

Y=Packing Group II

Medium Degree of Danger

Z=Packing Group III

Lowest Degree of Danger

Under the regulations, if a packaging has been tested to the highest degree of danger, it may be appropriate to place materials in that packaging which have a lower hazard. Therefore, the following is also correct:

X=Packing Group I, II, III

Y=Packing Group II, III

Z=Packing Group III

### Gross Mass or Specific Gravity



4G/X 3 / S / 11/USA/LM0000

For single or composite packagings intended to contain solids or combination packagings for all materials, the mark will include the maximum gross mass (kilograms) that the package can



1A1/X1.5/250/11/USA/LM0000

weigh when filled (packaging plus its contents).

For liquid hazardous materials in single or composite packagings, the mark will contain the maximum specific gravity allowable for that packaging.

Example of UN Marking for Solid Hazardous Materials in Single or Composite Packagings or Combination Packagings for All Materials



**4G/X3/S/11/USA/LM0000**

UN Symbol    Packaging Identification Code    Packing Group Level Equivalent    Year of Manufacture    Location of Manufacture    Certification Mark/Manufacturer's Symbol

Gross Mass In Kilograms    Solids or Inner Packagings

Example of UN Marking for Liquid Hazardous Materials Single or Composite Packaging



**1A1/X1.5/250/11/USA/LM0000**

Specific Gravity    Hydrostatic Test Pressure

**Hydrostatic Test Pressure Or S**

**4G/X3/S/11/USA/LM0000**

**1A1/X1.5/250/11/USA/LM0000**

For single or composite packagings intended to contain solids or combination packagings for all materials, the mark will include the maximum gross mass (kilograms) that the package can weigh when filled (packaging plus its contents). For liquid hazardous materials in single or composite packagings, the mark will contain the hydrostatic pressure the container was tested to.

Liquid Hazardous Materials Single or Composite Packaging	Solid Hazardous Materials Single or Composite Packagings or Combination Packagings for All Materials
Specific Gravity	Gross Mass in Kilograms
Hydrostatic Test Pressure	S
Examples	
1.5/100	15/S
1A1/X1.7/250	4G/X4/S

**Year and Location of Manufacture**

**4G/X3/S/11/USA/LM0000**

**1A1/X1.5/250/11/USA/LM0000**

The marking must indicate the last two digits of the year of manufacture.

The symbol of the country where the manufacturing took place must be listed in the mark. For packaging produced in the United States, the mark would show USA.

**Identification of the Manufacturer or Approval Agency**

**4G/X3/S/11/USA/LM0000**

**1A1/X1.5/250/11/USA/LM0000**

The identification of the party who is certifying that the packaging meets all of the required testing must be included in the mark.

This may be shown in the form of a name and address, symbol of the manufacturer or code of the agency certifying compliance. If a symbol or code is used, both must be registered with RSPA.



Packaging Identification Codes	
Numeral (1-7) = Type of Packaging	
1=Drum	2=Wooden Barrel
3=Jerrican	4=Box
5=Bag	6=Composite Packaging
7=Pressure Receptacle	
Capital Letter=Material of Construction	
A=Steel	B=Aluminum
C=Natural Wood	D=Plywood
F=Reconstructed Wood	G=Fiberboard
H=Plastic	L=Textile
M=Paper, multi-wall	N=Other Metal
P=Glass, Porcelain, Stoneware	
Number=Subcategory of Packaging	
For Drums: 1=Non-removable Head 2=Removable Head	
For Bags: 5M1=Multiwall 5M2=Multiwalled, water-resistant	

The number/letter combination indicates the type of packaging and material of construction. The chart listed above shows what each letter and number combination would mean.



**United Nations Symbol**

4G/X 3 / S / 13/USA/LM0000  
 1A1/X1.5/250/13/USA/LM0000

The UN in the circle indicates packaging has been UN tested and certified.

**Packaging Identification Codes**

4G/X 3 / S / 13/USA/LM0000  
 1A1/X1.5/250/13/USA/LM0000

Any one of the following three styles represents an example of the kind of packaging identification code that may be shown on a UN packaging.

- There may be a number-letter combination indicating a type of packaging and material of construction. For example:  
 4G = Fiberboard box  
 2D = Plywood wooden barrel
- There may be a number-letter-number combination indicating the type of packaging, material of construction and a subcategory within the type of packaging or variation. For example:  
 1A1 = Non-removable head steel drum  
 4GV = Fiberboard box variation packaging
- The description may also show a number-letter-letter-number combination. This mark includes the number six indicating a composite type of packaging, two letters, the first indicating the inner receptacle's material and the second letter indicating the outer material and a second number indicating the type of packaging (not a subcategory). For example:  
 6HA1 Composite packaging consisting of a plastic inner, steel outer, drum.  
 6CD4 Composite packaging consisting of a natural wood inner, plywood outer, box.

**Packing Group Level Equivalent**

4G/X 3 / S / 13/USA/LM0000  
 1A1/X1.5/250/13/USA/LM0000

The letter X, Y or Z indicates what packing group the package was tested to.

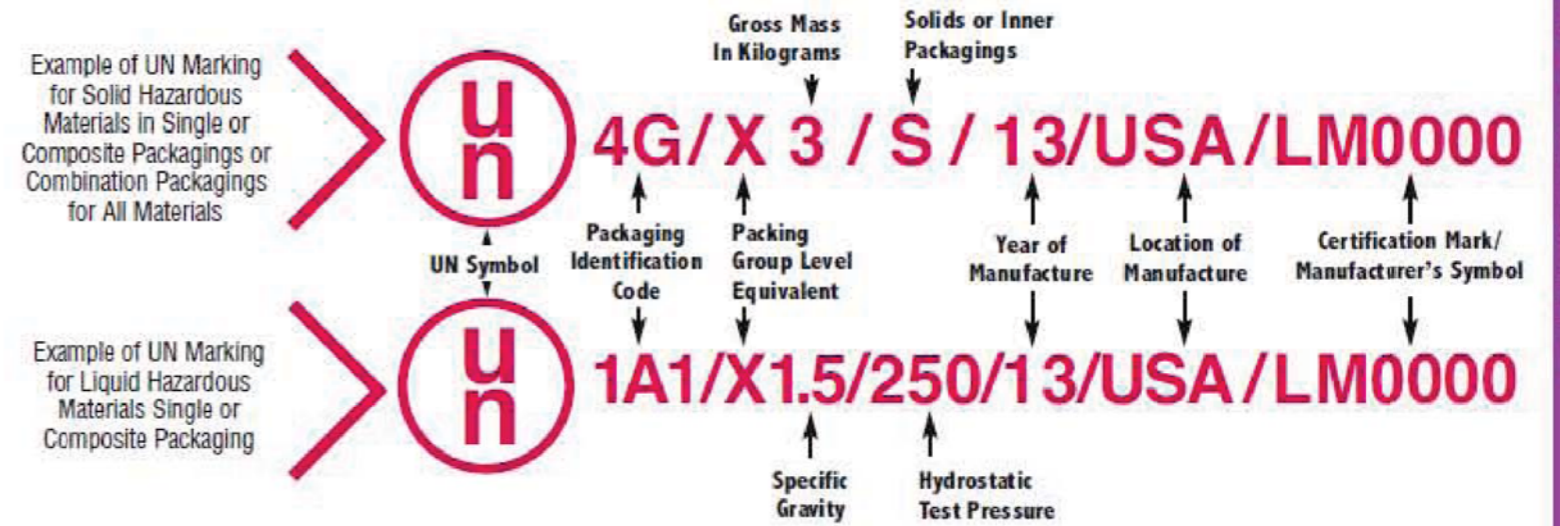
X=Packing Group I Highest Degree of Danger  
 Y=Packing Group II Medium Degree of Danger  
 Z=Packing Group III Lowest Degree of Danger

Under the regulations, if a packaging has been tested to the highest degree of danger, it may be appropriate to place materials in that packaging which have a lower hazard. Therefore, the following is also correct:  
 X=Packing Group I, II, III Y=Packing Group II, III  
 Z=Packing Group III

**Gross Mass or Specific Gravity**

4G/X 3 / S / 13/USA/LM0000  
 1A1/X 1.5/250/13/USA/LM0000

For single or composite packagings intended to contain solids or combination packagings for all materials, the mark will include the maximum gross mass (kilograms) that the package can weigh when filled (packaging plus its contents). For liquid hazardous materials in single or composite packagings, the mark will contain the maximum specific gravity allowable for that packaging.



**Hydrostatic Test Pressure Or S**

4G/X 3 / S / 13/USA/LM0000  
 1A1/X1.5/250/13/USA/LM0000

For single or composite packagings intended to contain solids or combination packagings for all materials, the mark will include the maximum gross mass (kilograms) that the package can weigh when filled (packaging plus its contents). For liquid hazardous materials in single or composite packagings, the mark will contain the hydrostatic pressure the container was tested to.

Liquid Hazardous Materials Single or Composite Packaging	Solid Hazardous Materials Single or Composite Packagings or Combination Packagings for All Materials
Specific Gravity	Gross Mass in Kilograms
Hydrostatic Test Pressure	S
Examples	
1.5/100	15/S
1A1/X1.7/250	4G/X4/S

**Year and Location of Manufacture**

4G/X 3 / S / 13/USA/LM0000  
 1A1/X1.5/250/13/USA/LM0000

The marking must indicate the last two digits of the year of manufacture. The symbol of the country where the manufacturing took place must be listed in the mark. For packaging produced in the United States, the mark would show USA.

**Identification of the Manufacturer or Approval Agency**

4G/X 3 / S / 13/USA/LM0000  
 1A1/X1.5/250/13/USA/LM0000

The identification of the party who is certifying that the packaging meets all of the required testing must be included in the mark. This may be shown in the form of a name and address, symbol of the manufacturer or code of the agency certifying compliance. If a symbol or code is used, both must be registered with RSPA.

