

Lamp Recycling Procedures and Information for Mercury Containing Lamps.

My Eco Lamp requires that the following packaging of Universal Waste lamps be followed by the generator prior to shipping:

Waste Management [40 CFR 273.13]

- ❖ A handler of universal waste must manage lamps in a way that prevents release of any universal waste or component of universal waste to the environment.
- ❖ A handler of universal waste lamps must contain any lamp in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with the contents of lamps. Such containers and packages must remain closed and lack evidence of leakage, spillage or damage that could cause leakage under reasonably foreseeable conditions.
- ❖ Universal waste lamps or a container or package in which such lamps are contained must be labeled or marked clearly with any one of the following phrases: "Universal Waste Lamps" or "Waste Lamps" or "Used Lamps."

1. Lamps should be placed in the containers or boxes loose without excess paper or other packaging material.

2. *Do not tape lamps together in bundles.* Lamps taped or not properly packaged shall incur a \$60 per hour lamp handling fee for un-taping and preparing lamps for processing.

3. NOTE: Broken or crushed lamps MUST be shipped in a 55 gallon metal drum with a lid and ring or a 5 gallon plastic bucket with a lid. Containers holding broken or crushed lamps MUST be free of any foreign debris (paper, cardboard, rags, etc.) and MUST be dry.

4. Lamp boxes should be palletized with boxes all in the same direction (Do Not Crisscross Boxes on a Pallet). Boxes should not be stacked over 6 high or 5 feet high on pallet. Boxes should be strapped or stretch wrapped to pallet and ready to ship prior to scheduling a pick-up.

**Note: Original lamp boxes are fine to use for shipping as long as they meet the above Universal Waste Regulations for packaging and shipping.*

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Universal Waste Mercury and/or Mercury Devices Packing and Shipping

Procedures:

- ❖ Mercury devices must be intact.
- ❖ All Mercury Devices must be shipped in a secure, non-breakable container (plastic buckets w/lids, metal or poly drums w/lids).
- ❖ Mercury Devices include:
 - Intact thermostats
 - Thermostats Ampoules ONLY
 - Thermometers
 - Barometers
 - Blood Pressure Devices
 - Mercury contacts
 - Mercury switches
 - Mercury auto switches
 - Ignitron tubes
 - Dental amalgam
- ❖ Pure liquid mercury must be in a *non-breakable container*.

**Note: All containers of mercury devices or pure liquid mercury must be labeled:
UNIVERSAL WASTE MERCURY DEVICES*



Universal Waste Ballasts and Batteries Packing and Shipping

Ballasts:

- ❖ Ballasts should be packed in one of the following ways:
 - 55 gallon steel drums with lids
 - Plastic drums with lids
 - Shrink wrapped on pallets
- ❖ Do not place trash or debris in the containers with the ballasts.
- ❖ Do not crush ballasts.
- ❖ Leaking ballasts must be wrapped in double polybags and placed in separate containers from non-leaking ballasts.
- ❖ Processing of leaking ballasts will result in additional customer charges.

Batteries:

All batteries must be packaged for transportation in a manner that prevents short-circuiting and damage to the battery or its terminals. This may be achieved by the following the preventive measures listed below

- ❖ Each battery must be placed in a separate plastic “baggie” or the terminal ends must be taped securely.
- ❖ Batteries must be properly labeled and separated by their chemical type (ni-cad, lithium, alkaline, lead, etc.).
- ❖ Metal 55-gallon drums must have a poly drum liner bag in the drum. Ploy drums or non-conductive containers do not require a liner bag.
- ❖ Do not place trash or debris in the containers holding batteries.
- ❖ Large vented batteries (lead acid, vented ni-cad, etc.), which are palletized, must have a heavy cardboard or non-conductive divider between the battery terminals if stacked on the pallet. Batteries must be securely packaged on the pallet in a way that prevents shifting during transportation.



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