

University of Maine At Presque Isle

181 Maine Street
Presque Isle, Maine 04768

Mercury Contained Lamps

Written 2010
In Compliance With Federal OSHA Regulations

Purpose:

To limit this amount of mercury and lead that might escape into the environment by managing the storage and disposal of all fluorescent lamps used by UMPI campus containing in excess of 9.2 mg/l, the Maine DEP and EPA hazardous waste limit.

Objective Guidelines:

Employers are advised to use standards that have been set forth for generators and transporters storing waste mercury containing lamps in a way that prevents release of any lamp or component, such as mercury, into the environment.

Storage / Disposal Procedure to be Followed :

A. Handling and Collection of lamps

A-1 Personnel removing spent lamps should be careful (using eye protection) being very careful not to break lamps during removal.

A-2 Pack removed lamp in the replacement lamp's shipping container, preferable the original shipping box, with packing materials adequate to prevent breakage during storage, handling and transportation.

A-3 If any tubes show evidence of breaking or leakage, the container must be sealed with duck tape around all box openings.

A-4 Apply pre-printed label to container which reads, "To be Recycled-Waste-Mercury-Containing Lamps" per DEP guidelines.

A-5 Boxes are to be stored in the designated DFM locations until pickup is made by the USM hazardous waste service.

Note: Box maximum stack height is 5' or less.

Designated locations: Support Building Universal Waster Storage
Campus

B. Lamp storage area

B-1 Designate each storage area with these words: "Waste Mercury-Containing Lamp Storage".

B-2 Be sure boxes are labeled appropriate as indicated in A-4 above

B-3 Boxes are to be stored on a dry floor surface or storage rack.

B-4 Maximum stacking height not to exceed 5'.

B-5 Weekly inspections of the lamp storage areas as mandated by EPA.

B-6 Inspection logs are to be kept for one year.

B-7 The hazardous waste campus storage site is to mark the received date on each incoming box..

C. Training

C-1 All employees and contractors who handle or have responsibility for managing lamps are required to have initial training pertaining to this policy.

DFM Trades
DFM Custodial
DFM Supervisors
USM Hazardous Waste Personnel
DFM Recycling

C-2 Document training records accordingly. (To be kept by the office of Occupational Safety & Health.)

D. Shipping requirements (Bill of Lading)

D-1 The shipping requirements for waste lamps are :

- a. The lamps must be whole and intact.
- b. Lamps must be in proper packaging.
- c. Shipments of unbroken lamps must be accompanied by a bill of Lading containing the information the information specified in E below.
- d. A common carrier can be used for shipments of unbroken lamps.

E. Bill of Lading

E-1 The Bill of Lading must contain the following information :

- a. The Name, addresses and phone number of the originating generator from whom the lamps were shipped.
- b. The quantity of each type of lamp shipped.
- c. The date the shipment of lamps, left the generator or transporter temporary storage facility.
- d. The quantity of each type of lamp received by the transporter temporary storage facility and recycling facility.
- e. The date of receipt of the shipment of lamps by the transporter, temporary storage facility and recycling facility and recycling facility.
- f. The name, address and phone number of the transporter temporary storage facility and recycling facility to whom the lamps were sent.
- g. The Bill of Lading document number.
- h. In the case of a transporter that stores lamps, the original generator Bill of Lading document number.
- i. The name and address of the transporter who transports the lamps.

