

Date Prepared 7/2004
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BMP EOC #11

TITLE: FLUORESCENT LIGHT RECYCLING

Regulatory Citation: 6 NYCRR Part 374-3

Applicability: Fluorescent lights, high intensity discharge lamps, neon lights, mercury vapor, high-pressure sodium and metal halide lamps.

Purpose: Ensure the proper collection, storage and recycling of spent lights and lamps.

Person or

Department Responsible: Associate Coordinator of Business Services

Schedule: As needed.

Procedures: Whenever fluorescent lights are changed out they will be transported to the designated storage area in the cellar and placed in containers labeled "UNIVERSAL WASTE-LAMPS". The label must note the accumulation start date when the first bulb is added to the box. The containers must be stored in such a manner as to prevent breakage and must be kept closed at all times except when adding bulbs. Mercury halide or other round bulbs that cannot be packed back into original containers must be packed with shredded paper or other packing material to prevent breakage.

If a bulb breaks during removal or transport to the storage area, it will be immediately cleaned up and collected into a container, covered and labeled "Hazardous Waste, fluorescent bulb waste" and the date noted on the container (see attached clean up procedure). This waste container will be brought to the cellar and the Associate Coordinator of Business Services notified. The Associate Coordinator will make arrangements for this to be picked up by the approved hazardous waste vendor.

As boxes are filled, they will be transported to the universal waste storage area in the Campus Center building for recycling with fluorescent bulbs and batteries, as per the Physical Plant Maintenance BMPs

Record keeping: Bulb shipping record

Record Location: Physical Plant EPA files

Current vendor: Onyx Environmental

Contact: Asso. Coord for Business Services 273-1900
Director of Environmental, Health and Safety (629-7163)

#11 Fluorescent lights

BROKEN FLOURESCENT BULB CLEAN UP PROCEDURES
Troy Facility

- 1. Retrieve broken bulb clean up pail from Rm. 006**

Pail contains: gloves, plastic bags, broom and dustpan.

- 2. Don gloves and place wet paper towels over broken glass/dust to minimize dust.**
- 3. Use dust pan to sweep debris/paper towels into waste bag.**
- 4. If multiple bulbs have been broken in area, a more thorough cleaning can be done using HgX powder kept in Rm. 006. Sprinkle HgX powder on clean up area, lightly brush powder into cracks and crevices, then use wet paper towels to wipe up. Place waste in plastic bag.**
- 5. Dispose of gloves in waste bag.**
- 6. Place bag in pail, cover and transport to basement off room 112.**
- 7. Empty contents into 5 gal pail labeled
“Hazardous Waste, broken bulbs” in this room.**
- 8. Return clean up pail to Rm. 006**

BROKEN FLOURESCENT BULB CLEAN UP PROCEDURES
Albany Facility

- 1. Retrieve broken bulb clean up pail from Rm. 326**

Pail contains: gloves, plastic bags, broom and dustpan.

- 2. Don gloves and place wet paper towels over broken glass/dust to minimize dust.**
- 3. Use dust pan to sweep debris/paper towels into waste bag.**
- 4. If multiple bulbs have been broken in area, a more thorough cleaning can be done using HgX powder kept in Rm. 006. Sprinkle HgX powder on clean up area, lightly brush powder into cracks and crevices, then use wet paper towels to wipe up. Place waste in plastic bag.**
- 5. Dispose of gloves in waste bag.**
- 6. Place bag in pail, cover and transport to the Troy facility basement off room 112.**
- 7. Empty contents into 5 gal pail labeled "Hazardous Waste, broken bulbs" in this room.**
- 8. Return clean up pail to Rm. 326**