

Date Prepared 6/8/05  
Prepared By Patty Watt  
Revised

**BMP** Technical Services #14

**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 used in scientific equipment.

**Purpose:** Ensure the proper collection, storage and recycling of metal containing lights and lamps.

**Person or  
Department Responsible:** Director of Technical Services

**Schedule:** As needed.

**Procedures:** New fluorescent bulbs should be stored in their original packaging in an area where they are protected from breakage. Whenever fluorescent lights are removed from scientific equipment, they must be transported to the Physical Plant storage area in lower level of Campus Center and placed in containers labeled "UNIVERSAL WASTE-LAMPS". Contact the Physical Plant department to have the bulbs transported.

There the bulbs will be stored for recycling in accordance with Physical Plant Maintenance CMP #25.

If a bulb breaks during removal or storage in Technical Services, it will be immediately cleaned up following the attached procedure. The bulb waste will be placed in a container, covered and labeled "Hazardous Waste, fluorescent bulb waste" and the date noted on the container (see attached for clean up procedures). The Director of Environmental Health & Safety or Physical Plant Department will be contacted to have the waste container transported to the Cogan Hazardous waste shed for disposal as a hazardous waste.

**Record keeping:** N/A

**Record Location:** N/A

**Contact:** Director of Technical Services 629-7477  
Director of Environmental, Health and Safety (629-7163)

HVCC-BMP-Tech-14-Fluorescentlights

## **BROKEN FLOURESCENT BULB CLEAN UP PROCEDURES**

- 1. Retrieve broken bulb clean up pail.  
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 Hg Absorb located in the Spill Stations at FTZ 337 and FTZ 015. Physical Plant Maintenance shop also has HgX powder available. Sprinkle absorbent and powder on clean up area, lightly brush 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. Close bag, label with contents and date and place in secondary container for pick up and transport by Physical Plant.**