



Mercury Containing Lamp Handling, Storage and Disposal Procedure

Applicability:

Mercury Containing Lamps:

- Fluorescent (silver end and green end)
- High Pressure Sodium
- Mercury Vapor
- Metal Halide
- Neon
- High Intensity Discharge (HID)

Intact Lamps:

Intact mercury-containing lamps are a Universal Waste and are subject to Universal Waste Rules per 6NYCRR subpart 374.3.

Broken Lamps:

Broken mercury-containing lamps are a Hazardous Waste and are subject to Hazardous Waste Rules per 6NYCRR parts 370 – 374 and 376.

Handling:

- Wear proper Personal Protective Equipment (i.e. minimum: safety glasses/goggles, and gloves).
- Do not intentionally break lamps.
- VENTILATE THE AREA IMMEDIATELY FOR 5-10 MINUTES IF A LAMP BREAKS TO PREVENT EXPOSURE TO MERCURY VAPOR.

Storage & Disposal:

Intact Lamps:

- Store intact lamps in boxes designed for storing lamps (i.e., save the boxes the new lamps came in for storage of used lamps.) If boxes are not available, contact Environmental Health & Safety (EH&S) at 777-2211.
- Pack all intact lamps into the designated boxes carefully to prevent breakage. All boxes are to be closed at all times except when filling boxes. Once boxes are filled to capacity, the box is to be secured and sealed with tape then labeled as Universal Waste.
- Label each box with the following label:



The image shows a rectangular label with a black border. At the top, it reads "UNIVERSAL WASTE LAMPS". Below this, there are three lines of text: "Building#" followed by a horizontal line, "Room#" followed by a horizontal line, and "Start Date" followed by a horizontal line. At the bottom of the label, there is a barcode.

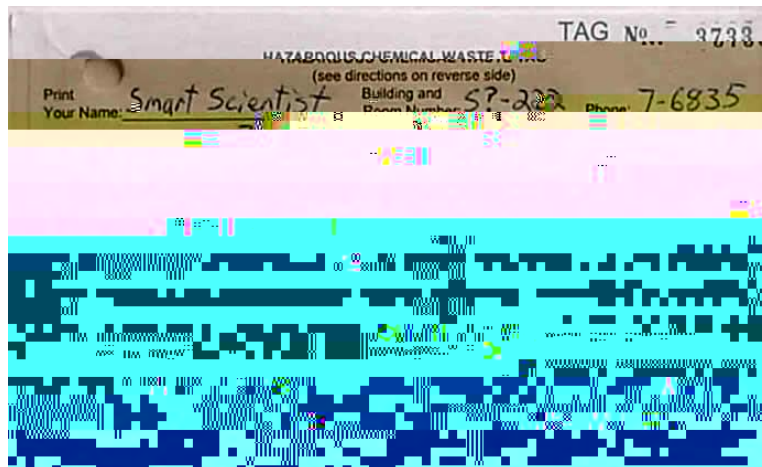
- Fill in the “Start Date” when the first lamp is placed in the box.
- Store full boxes of lamps in room BG02 of the Academic A building.

Broken Lamps:

MERCURY CONTAINING LAMPS CANNOT BE DISPOSED OF IN THE NORMAL TRASH

- All broken lamps must be completely cleaned up.
- Do not store broken lamps with intact lamps.
- Place broken lamps and debris in the designated container (5-gallon bucket, poly drum, etc.)
- Keep the container closed when not adding waste to it.
- Label the drum with the following:

1. Hazardous Waste Label



2. When the drum is full, submit a Hazardous Waste Pickup Request through the EH&S web form (<https://www.binghamton.edu/offices/environmental-health-safety/hazardous-waste/waste-pickup.html>) or by email at hazwaste@binghamton.edu. Please be sure to indicate the *Building, Room Number where the waste is stored, Description/Quantity of Waste, and appropriate contact information.*
3. Label the drums with a completed Hazardous Chemical Waste Tag to indicate contents within the barrel prior to pick up. Contact EH&S if you are in need of waste tags. An example of how to complete a waste tag can be found on the EH&S website listed above.
4. Do not accumulate full drums of broken lamps. Never accumulate more than 55 gallons of broken lamps.