

Types of Regulated Waste Bulbs

- Fluorescent
- Neon
- High Intensity Discharge (HID)
 - Metal Halide
 - Mercury Vapor
 - High pressure sodium
 - Low pressure sodium
 - Ceramic Metal Halide



Not Regulated: Bulbs that can be recycled

- LED Bulbs
 - Must be in separate boxes based on shape/size
- Our vendor will recycle LEDs
- We need to be sure that our packaging is in good shape for the recycling program; no holes, openings, or taped sides. A taped side is not equivalent to a cardboard side.
 - Pack in a **CLOSED, SEALED, AND LABELED BOX!**

Regulated Waste Bulbs

- Pack in CLOSED, SEALED, AND LABELED BOX!
- DO NOT BREAK BULBS!!
- Accumulate in Cromwell-Decker Parking Garage (Ask Electric Shop for assistance).
- Collect as Universal Waste.

Regulated - Fluorescent Bulbs

- All need to be packaged separately by type, shape, and content
- All 4' go together
- All U Tubes go together
- All small bulbs go together
- Containers must be labeled/marked as “Universal Waste – Lamps” or “Waste Lamps”
- Boxes must be in good condition, no openings, tears, or breaks
- All sides of box must be solid, tape does not count as a side
- It is recommended to have an accumulation start date



Regulated - Neon Bulbs



- TCNJ does not generate Neon Bulbs at this time.
- If this changes, the bulbs become universal waste

High Intensity Discharge Bulbs (HID) 5 types

1. Metal halide
2. High pressure sodium
3. Low pressure sodium
4. Mercury vapor
5. Ceramic metal halide



- All need to be packaged separately by type, shape, and content
- Boxes must be in good condition, no openings, tears, or breaks
- All sides of box must be solid, tape does not count as a side

HID Bulbs

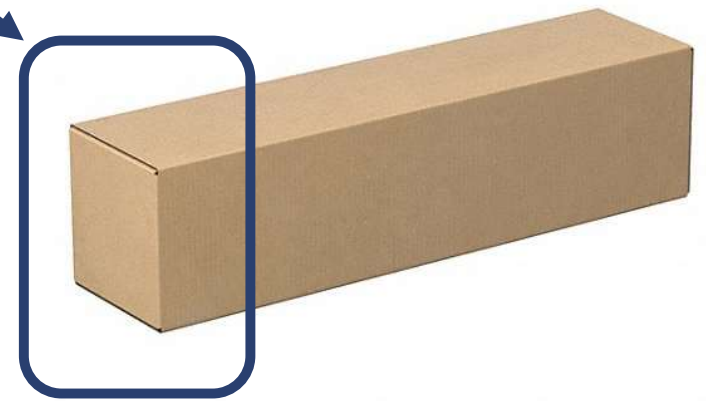


Regulated Bulb Proper Storage



Regulated Bulb - Proper Packaging

- Do NOT cut off the end of the box
- Each type of bulb gets its OWN box, so if there are 3 types of bulbs, there will be 3 different boxes
- These requirements are regulations, they are NOT optional



USED BULBS – NJDEP Fines

- Past NOVs FROM NJDEP!
 - BULBS NOT IN CLOSED BOXES
 - BULBS NOT IN SEALED BOXES
 - BULBS NOT IN LABELED BOXES
- EHS worked with NJDEP to reduce the monetary penalty!
Repeat monetary penalty reductions are NOT likely!



Broken Regulated Bulbs = Hazardous Waste

- ALL BROKEN LIGHT BULBS ARE HAZARDOUS WASTE. DO NOT DISCARD WITH NORMAL TRASH.
- CLEAN UP PROCEDURES:
 - USE PROPER PPE (GLOVES) AND MECHANICAL MEANS (BROOM & UPRIGHT DUST PAN) TO CLEAN UP THE AREA
 - SWEEP UP ALL OF THE DEBRIS AND PLACE IN A BOX OR HARD CONTAINER WITH A TOP
 - CLOSE, SEAL, AND LABEL THE BOX OR CONTAINER AFTER PUTTING THE DEBRIS IN IT
 - STORE THE DEBRIS IN A SAFE PLACE AND CONTACT YOUR SUPERVISOR
 - THE SUPERVISOR WILL CONTACT EHS FOR PROPER DISPOSAL