

# UNIVERSAL WASTE

## Hazardous Wastes that JBER manages as “Universal Wastes”

- Spent fluorescent lamps and tubes
- Spent batteries (must be intact): Lithium, Magnesium, NiCad, and Mercury
- Aerosol cans that are empty, broken, and no longer needed
- Mercury containing articles: thermometers and mercury containing switches

According to **Chapter 40 of the Code of Federal Regulations, Parts 273.36 (40 C.F.R. 273.36)**, JBER must ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relative to their responsibilities during normal facility operations and emergencies.

### For all Universal Waste:

1. Put the item in your labeled waste container provided by the Hazardous Waste Center (HWC) if you have one; or
2. Bring it to the Universal Waste Collection Point behind the JBER HWC at 4314 Kenney Avenue between 13:00-15:00 Monday through Friday.
3. If you cannot bring it to the collection point today, place it in sealable container that is in good condition. See packaging and labeling instructions below.

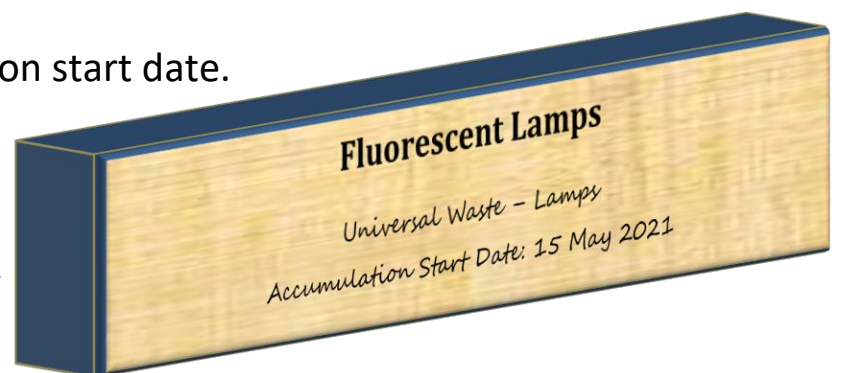
### Management of your Universal Waste Containers

1. Add Accumulation Start Date (ASD) to Label when first waste placed in container. ASD is the date accumulation begins (**40 C.F.R. 273.35**), used to demonstrate length of time that the Universal Waste has been accumulated from the date it becomes a waste. Universal waste must be removed from JBER before 1-year of accumulation.
2. Container must be in good condition and closed when not adding waste to it. Lids on tight, boxes taped, or zippers zipped up all of the way.
3. Turn in no later than 250 days (8.3 months), call the JBER HWC (552-3435) for container replacement.
4. Include management and spill response procedures as part of waste training to shop personnel. **40 C.F.R. 273.36.**
5. Have adequate and appropriate spill response equipment on hand, **40 C.F.R. 273.37.**

#### Spent Fluorescent Lamps and Tubes (40 C.F.R. 273.5)

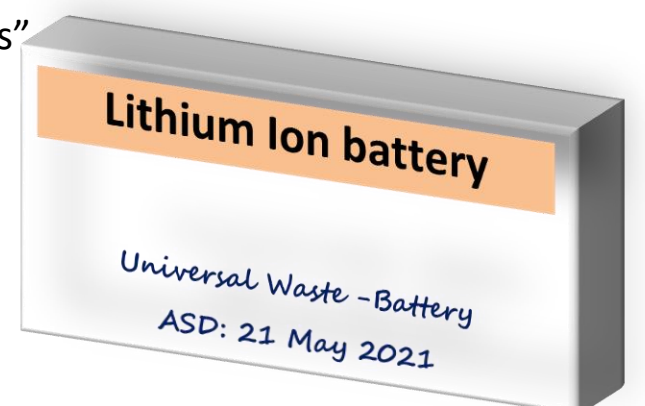
- Accumulate in a way that prevents breakage.
- Label “Universal Waste – Lamps” and write the accumulation start date.
- **A spent fluorescent lamp tube or bulb that is not properly packaged and labeled is a hazardous waste violation.**
- The container can have no defects, must be taped shut, and be properly labeled.

Tape all ends completely shut



#### Spent Batteries (40 C.F.R. 273.2)

- Label each individual battery or container “Universal Waste – Batteries” and write the accumulation start date.
- **A spent battery that is not properly labeled is a hazardous waste violation.**
- All lithium, nickel cadmium and 9-volt batteries with exposed terminals must be protected from short circuit by covering terminals with tape or placing in individual plastic bags.



#### Aerosol Cans (40 C.F.R. 273.6)

- If the nozzle is broke, but you still plan to use the can again, write something like “Usable” or “Still good” on it.
- If empty, or you do not plan to use the can again because it is broke or for any other reason, the can must be managed as a Universal Waste.
- **A spent or unusable aerosol can that is not properly packaged and labeled is a hazardous waste violation.**
- Label “Universal Waste – Aerosol Cans” and write the accumulation start date.

