



HAZARDOUS WASTE COORDINATOR TRAINING

Universal Waste Batteries



Universal Waste (UW) Batteries



Which batteries are Universal Waste Batteries:

- Lithium
- Nickel Cadmium
- Mercury
- Silver Oxide
- Alkaline

These batteries come from electrical and electronic equipment and tools



PANASONIC NICAD





UW Batteries Management



- Segregate UW batteries by type and store in compatible, closed and properly marked containers
- Tape both terminals or seal each battery in an individual plastic bag as necessary to eliminate the possibility of short-circuiting.





UW Batteries Management



- UW Batteries will be managed at a Satellite Accumulation Point
- UW Battery container will be marked with the words “Universal Waste – Batteries
- An Accumulation Start Date will be marked on the container when the first battery is added.



- A fill log will be started and annotated with each battery addition.



Satellite Accumulation Point (SAP)



SAP \equiv an authorized location where small quantities of wastes are initially generated and accumulated.

A SAP must be at or near the point of generation and under control of the waste generator.

A SAP must not exceed 55 gallons of a single HW waste stream.

Once SAP container is full, must be relocated to HWCB or other <90 day Storage Site.





Requesting New Container Delivery



Send an e-mail to NAVFACEPWDCORPUSHWCB@navy.mil with the:

1. The size, type, and quantity of container(s) you need
2. Satellite Accumulation Point (SAP) number
3. Your contact information (name/number)
4. Update waste profile, if applicable
5. Specific location you'd like the container delivered
6. HWCB will label and mark containers before delivery, each container will be issued an independent Waste Tracking Number (WTN), this number will be used to turn in the container.



REQUESTING DRUM PICK - UP



When your SAP container is full:

- Mark the Accumulation Start Date (unless it is UW which should already have an ASD).
 - **Remember that 55 gal HW drum must be relocated to HWCB or other <90 day site w/in 3 days of closure**
- So....contact the HWCB by email NAVFACSEPWDCORPUSHWCB@navy.mil
Include the following:
 - ✓ Drum # (Waste Tracking Number on label)
 - ✓ Accumulation Start Date
 - ✓ Your contact info (name and phone number)
 - ✓ Pick-up location
 - ✓ Ensure you have an up-to-date profile, if not send a new Form-2
 - ✓ Request a replacement container if needed
- **DO NOT** wait until the third day to request pickup.
- **REMEMBER** the three day limit includes the weekends and holidays.



Lead Acid Batteries



Lead Acid Batteries are managed under the Lead Acid Battery Recycling Program and not Universal Waste Batteries

There are two types: Vented and Sealed Lead Acid Batteries



Vented
Automotive Types



Sealed
Used in Electrical Equipment,
example Exit Signs



Lead Acid Batteries Turn-In



Lead Acid Batteries are managed under the Lead Acid Battery Recycling Program and not Universal Waste Batteries

There are two types: Vented and Sealed Lead Acid Batteries

Tape both leads with duct (or stronger) tape

Mark each battery with the date it was taken out of service. Use permanent marker.

Store lead-acid batteries waiting for turn-in a single layer. (Stacking increases the risk of short circuits and acid leaks)

Use secondary containment that is resistant to acid (such as polyethylene)

Have an eyewash station in the area (or a sign indicating the location of the nearest eyewash station)

Contact John Phillips, john.phillips7@navy.mil , 961-5356 to schedule a battery pickup at your location

Do NOT access or store Lead Acid Batteries at building 350



Broken Batteries



Remember: Broken batteries cannot be managed as either Universal Waste or Recycle Batteries and must be treated as Hazardous Waste.

Please contact the Environmental Office for assistance on HW Identification and turn-in