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Proper Hazardous Waste Management

1. Containers and Labeling

- a. Hazardous waste containers must be in good condition and compatible with the waste being placed within each container.
 - i. The designated hazardous waste containers used at PSU are: Satellite Accumulation Container (SAC), Day Accumulation Container (DAC), and 180-day Storage Container (SC).
 - ii. Containers must be labeled with the phrase "HAZARDOUS WASTE" and with the common name or chemical classification of the waste clearly printed on the label before the first drop of waste enters the container.
 - iii. The hazardous waste container should be under-filled by at least five (5) percent. This will allow for expansion and help prevent spill hazards during transport or storage.
 - iv. Containers must have a good seal to prevent seepage, leaks, or spills.
 - v. There must be an "ACCUMULATION START DATE" clearly printed on the label with the container becomes full or it is taken to the 180-day Hazardous Waste Storage Area (HWSA). **NOTE:** You have 72 hours from the time the container is filled to place it within the 180-day HWSA.

The following are examples of properly filled out labels for SAC's, DAC's and 180-day Storage Container's:

This document is maintained on electronic media. The current revision is located on the Pittsburg State website. It is the responsibility of the user to ensure that any paper copies are of the latest revision.

1. Satellite Accumulation Points (SAP's)

- a. A "Satellite Accumulation Point" (SAP) is a hazardous waste collection location that is at or near the point of generation of the hazardous waste (i.e., each work station, each fume hood, each laboratory, etc.) You are allowed just one (1) container per hazardous waste stream at each (SAP).
- b. Waste containers must be labeled with "HAZARDOUS WASTE" and the common name or chemical classification of the material, i.e., acetone, nitric acid, paint-related waste, halogenated waste, aqueous waste, fuel mixed with water, brake fluid, etc. Please contact the Campus Environmental Officer for proper labels (235-4774).
- c. No more than 55 gallons of total capacity of containers or hazardous wastes may be accumulated at each SAP. Containers should be safeguarded to ensure no unknown contaminants are added and safely stored in accordance with the materials hazards, i.e., flammables in flammable cabinets, acids stored away from bases, etc.

- d. **DO NOT** use food containers for hazardous material or hazardous waste storage.
 - e. Any full waste containers must immediately be dated with the "ACCUMULATION START DATE" and transferred within 72 hours into the 180-Day HWSA.
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3. Day Accumulation Containers -
- a. A "Day Accumulation Container" is any container with a capacity of no more than 6 gallons that is used to accumulate hazardous waste at a work area or work station, and that is under the direct control of the operator of the work area or station. KDHE allows the use of day accumulation containers only under the following conditions.
 - i. Each container must be labeled or marked with the words "Hazardous Waste."
 - ii. Each container must be kept securely closed when waste is not being actively added or removed.
 - iii. Each container must be in good condition and compatible with the waste placed in the container.
 - iv. Each container must be emptied into an appropriate satellite accumulation container or storage container at the end of each work day, or each shift for continuous operations, regardless of whether the container is full or not.
4. 180-Day Hazardous Waste Storage Area (180-Day HWSA)
- a. A 180-Day Hazardous Waste Storage Area (HWSA) is an area designed and designated for the safe storage of hazardous wastes for up to 180 days, the maximum allowed by state law, to await contracted removal and disposal.
 - b. Pittsburg State University has HWSA's located at the Tyler Research Center, Heckert-Wells, the Kansas Technology Center, and the Physical Plant.
 - c. These rooms are equipped with proper secondary containment grounding clamps for large drums as well as acid and flammable storage cabinets to accommodate hazardous wastes.
5. Official State Hazardous Waste Disposal Contractor
- a. Presently, the state of Kansas appointed contractor's are the **only** contractor's allowed to handle and remove hazardous waste from the PSU premises with the exception of the KSANG facility. The Campus Environmental Officer or appointed representative is the only PSU official authorized to sign manifest for hazardous waste removal and documentation pertaining to such.
 - b. Scheduled pick-ups are within every 180 days in accordance with state and federal laws.
 - c. NEVER sign a hazardous waste manifest. The document is legal and binding and can hold you personally responsible for the safe transit, storage, and proper disposal of the waste being removed. Contact the Campus Environmental Officer for assistance (235-4774).

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