

## DEFINITIONS

### Satellite Accumulation Area

A Satellite Accumulation Area is a controlled area designated for the storage of hazardous waste. These areas are typically used to increase efficiency of waste collection and to reduce the costs of waste disposal. Wastes collected at satellite accumulation areas are collected at the point where the wastes are initially generated.

### Hazardous Waste

Waste material is considered a characteristic hazardous waste if it displays at least one of four hazardous characteristics, which include: 1) toxicity; 2) corrosivity; 3) reactivity; and 4) ignitability. In addition, certain commercial chemicals are considered hazardous wastes when they are discarded.

### WHO DETERMINES IF A WASTE IS HAZARDOUS?

Environmental Services Department will review Safety Data Sheets (SDS) and/or sample the waste to determine the waste characteristics. Once the determination is complete, Environmental Services will notify the department/shop on the specifics of managing the waste.

### WHAT REQUIREMENTS MUST BE FOLLOWED FOR THE MANAGEMENT OF A SATELLITE ACCUMULATION AREA?

- DO NOT remove or relocate containers to or from a Satellite Accumulation Area.
- Wastes must be collected in DOT approved containers, which are available from the Environmental Services Department.
- Wastes may be collected at these areas indefinitely until 55 gallons of hazardous waste or 1 quart of acutely hazardous waste are accumulated. There is no need to ship partially full drums of waste off-site at full cost due to accumulation time restrictions.
- No more than 55-gallons of one type of hazardous waste or 1 quart of acutely hazardous waste may be accumulated at any satellite area.
- The container at a satellite accumulation area must be at or near the process which generates the waste and the person(s) who operates that process or area must control the hazardous waste placed in that container.
- Containers used to accumulate waste must be in good condition.
- Waste being placed in the container must be compatible with the container (i.e. acids should not be placed in metal containers).
- Containers must be clearly labeled with the words "Hazardous Waste" **and** with words identifying the contents of the container.
- All containers used to accumulate hazardous waste must be kept closed at all times except when it is necessary to add or remove waste. Containers are considered closed if they would not release any of their contents if the container was "knocked over."
- Do not completely fill containers. Liquids expand in containers as temperatures increase. A steel drum painted a dark color can easily rise to temperatures above 100°F and the pressure created by the expansion of the liquid and vapors can cause bulging heads and damage to the integrity of the container.
- Protect containers from freezing. Many materials go through a freeze/thaw cycle that may cause metal stress and can result in leaking containers.

- Ground ignitable hazardous waste containers to prevent a spark generated by static electricity from igniting flammable vapors, which may be present. Use a bonding wire and a ground wire when transferring flammable liquids into containers to prevent sparks caused by buildup of static electricity during pouring operations.
- Containers must not be stored or handled in a manner that may cause them to rupture or leak.
- Handle drums and other containers with equipment designed for the task. Secure drums and other containers to pallets before moving pallets. Use drum carts designed for the types of containers used by your facility to reduce the likelihood of dropping a container during handling.
- Never balance drums on the forks of a forklift.
- **All containers will be picked up by either Environmental Services or the Environmental yard contractor during the regular established routes.**
- **Mark the date the container was full on the container.**
- **Contact Environmental Services prior to transporting the container to the Environmental Yard Central Hazardous Waste Accumulation Facility.**

**WHAT IF SHOP IS UNCERTAIN IF GENERATE A HAZARDOUS WASTE?**

Contact Environmental Services for determination.

**EMPLOYEE TRAINING**

- All personnel shall receive training or at the least have access to this BMP when dealing with satellite accumulation areas.
- All employees handling and managing any hazardous wastes must receive annual Hazardous Waste Management Training provide by the Environmental Services Department personnel.
- All New Hires or Transferred Employees who will handle hazardous waste must receive universal and hazardous waste training from the Environmental Services Department within 90 days from hire. These employees may work up to 90 days with this waste stream provided they are under supervision at all times.

**QUESTIONS OR NEED HELP? CONTACT:**

**Your Division Representatives**

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