



WEEKLY SAFETY MEETING

Waste Disposal

Trash and Recycled Waste

The goal of Winger Companies is to reduce or generate less waste by at least 50% into landfills and that processes shall be employed to ensure that this goal is met. Recycling products such as glass, aluminum cans, plastic, paper, wood, printer cartridges, etc. has greatly decreased the amount of trash in our landfills. Hazardous material containing products such as spent fluorescent lamps, batteries, mercury containing ballasts, thermostats, and some electronics are required by law to be recycled in most states.

Typically, the same wastes are generated on each of our job sites, such as general trash and scrap steel. All trash **MUST** be disposed of properly. Place scrap materials in designated dumpsters marked for recycling. **ALWAYS** cut long pieces up. **DO NOT** place scrap materials in dumpster longer than the length of designated dumpster.

Due to food safety requirements, all trash and recycling containers must be marked appropriately. Food trash containers must have covers or lids. Many customers implement different recycling methods. Follow the environmental and waste disposal procedures at the facility you are working at. It is Winger policy to recycle as many items as possible.

Hazardous waste

Hazardous waste would be products that would not be disposed of in general trash dumpsters. Designated locations must be located for proper disposal. Examples of Hazardous Waste include (but are not limited to):

- + Solvents,
- + Epoxy,
- + "Empty" Aerosol Cans,
- + Liquid Paint Waste,
- + Refrigerants
- + Degreasers that contain chlorinated solvents or waste that contains: Arsenic, Mercury or Methanol.
- + Ignitable waste (solid or liquid) with a flash point less than 140 F,
- + Liquid waste with a pH of <2,
- + Reactive Waste (reacts violently with water),
- + Nuclear radiation devices for level gauges are used in several different locations. Only personnel specifically trained to be a Radiation Safety Officer are allowed to work on these devices. Special disposal procedures must be followed for disposal.
- + Used oil includes hydraulic fluids, lubricants, etc. and is collected for recycling. These must not be mixed with any other wastes such as antifreeze or any other process liquids. Used oil dry/absorbent is collected in designated locations and must not contain free liquids. To dispose of used oil dry material, put the material in a sealed bucket and put the entire bucket in the designated location on the job site.
- + Universal waste includes all halogen and fluorescent light bulbs, lithium batteries, NiCad batteries, led batteries, and electronic equipment such as CPU's, monitors, printers, etc. All universal waste can be taken to a designated location for disposal.
- + No wastes of any kind are to be removed from a customer facility unless by an approved and licensed vendor.

Handling and Disposal of Waste Bulbs and Other Products

Waste fluorescent light bulbs **MUST** be handled properly to prevent health and environmental hazards. Fluorescent bulbs as well as certain other bulb types contain mercury in the form of mercury vapor and powder coating inside the bulb. Because of the health hazards of mercury, waste bulbs are regulated under the Resource Conservation and Recovery Act (RCRA) as "Universal Waste". Breaking bulbs on jobsites is no longer permitted.

In addition to fluorescent bulbs, thermostats, telephones, alkaline batteries, H.I.D. Lamps such as metal halide, sodium and mercury vapor lamps all contain hazardous quantities of mercury.

- + As little as 25 fluorescent lights can contaminate a 20-acre lake with enough mercury to cause health effects to people, fish and birds.
- + Improper disposal of bulbs can result in fines up to \$25,000 per day, per violation.
- + Exposure to mercury can result in central nervous system damage, lung damage and corrosive effects on exposed skin.
- + Mercury vaporizes rapidly at room temperature presenting an inhalation hazard. It can also be absorbed through the skin.

Meeting Date: _____
Supervisor: _____

Trainer: _____
Location: _____

Attendees: (Please print clearly)

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____



WEEKLY SAFETY MEETING

Waste Disposal Quiz

1. The goal of Winger Companies is to reduce or generate less waste by at least _____ into landfills:
 - A. 30%
 - B. 40%
 - C. 50%
 - D. 60%

2. Hazardous material containing products such as spent fluorescent lamps, batteries, mercury containing ballasts, thermostats, and some electronics are required by law to be recycled in most states. True or False?

3. Recycling products such as glass, aluminum cans, plastic, paper, wood, printer cartridges, etc. has greatly decreased the amount of trash in our landfills. True or False?

4. All trash MUST be disposed of properly. Place scrap materials, i.e. stainless steel, carbon steel, etc., in designated dumpsters. True or False?

5. All trash and recycling containers must be properly marked. Food trash containers must have lids on them. True or False?

6. ALWAYS cut long pieces up. DO NOT place scrap materials in dumpster longer than the length of designated dumpster. True or False?

7. Examples of Hazardous Waste include (but are not limited to):
 - A. Solvents, Epoxy, "Empty" Aerosol Cans
 - B. Liquid Paint Waste, Refrigerants
 - C. Liquid waste with a pH of <2
 - D. Reactive Waste (reacts violently with water)
 - E. All of the above

8. Only personnel specifically trained to be a Radiation Safety Officer are allowed to work on Nuclear radiation devices. True or False?

9. Used oil includes hydraulic fluids, lubricants, etc. must not be mixed with any other wastes such as antifreeze or any other process liquids. True or False?

10. Universal waste consists of:
 - A. halogen and fluorescent light bulbs
 - B. lithium batteries
 - C. NiCad batteries, led batteries
 - D. All of the above

11. No wastes of any kind are to be removed from a customer facility unless by an approved and licensed vendor. True or False?

12. As little as 25 fluorescent lights can contaminate a 20-acre lake with enough mercury to cause health effects to people, fish and birds, which can result in fines of \$25,000 per violation. True or False?

Printed Name: _____ **Trained by:** _____

Signature: _____ **Trained by Signature:** _____

Date: _____ **Location:** _____