

Chapter 30 WASTE MANAGEMENT AND DISPOSAL

Sign Designs works with sign components and packaging that may be potentially harmful to the environment. Proper handling and disposal of these items is important. The following materials are the same for most projects:

- Lamps
- Ballasts
- Neon Tubing
- Neon Transformers
- LED Modules
- LED Power Supplies
- Wood
- Plastic
- Metal

Sign Designs requires an estimate of the waste that will be generated prior to work being performed so that the need for containers and waste removal, if necessary, can be determined.

Proper handling and storage of waste material is important to assure proper and safe disposal. All employees are to be aware of the proper handling and disposal method. Above all, make sure that your work site is clean and clear of all materials whether hazardous or not.

Lamps – Lamps are to be boxed in proper lamp boxes. Empty boxes from new lamps are preferred since they are already lined to prevent breakage. Do not break lamps. Breakage releases hazardous chemicals into the environment. Do not tape bundles of lamps. Lamp disposal professionals will not accept lamps with tape or tape residue. At the completion of the project, return all used lamps to the designated storage area. The lamps will be sent to the lamp disposal service for end of life processing.

Neon Tubing, LED – Neon tubing is to be secured to cardboard, or a pallet to assure non-breakage in transport. If the neon is still in the sign component, do not remove it. It is easiest to transport in the sign component. Place LED modules in a secure box for transport. Do not break neon tubing. Breakage releases hazardous chemicals into the environment. At the completion of the project, return all used neon tubing to the designated storage area. The tubes will be sent to the same processor as the lamps for end of life processing.

Ballasts, Neon Transformers, LED Power Supplies – Clip the wires to all used ballasts, neon transformers, and LED power supplies for safe transport. At the completion of the project, stack all used power units on the designated pallet for power units. The power units are transported to a local waste disposal company who dismantles and recycles the parts.

Wood, Metal, Plastic – Properly secure wood, metal, or plastic for proper transport. At the completion of the project, place each of the items in the appropriately marked dumpster. These materials are sent to a local waste disposal company who recycles the materials. If any of the materials is too large to fit in the dumpster, place it in the designated drop area. Yard maintenance will assure that the material is properly segregated.

The yard supervisor is responsible for all recycling and disposal activities. Disciplinary action will be taken for any mishandling of hazardous materials. It is up to all of us to respect our facility and the environment.