

Chapter 8 FIRE PROTECTION

General. One of the most devastating hazards that can occur in the workplace is fire. Most fires can be prevented by following some basic guidelines. Even with the most stringent prevention methods, fires may still occur. It is important to know what to do in the event of a fire.

Purpose. Only qualified employees should attempt to extinguish a fire. Proper training will help prevent injuries, loss of life and loss of property. Whether trained or untrained always call 911.

Exposure. The principal fire exposures and hazards in the sign industry are:

2. Storage of raw materials and finished goods.
3. Ignition of combustible dusts.
4. Ignition of combustible fluids.
5. Static electricity.
6. High heat elements.
7. Combustion of flammable, combustible or reactive finished, adhesives, solvents and their vapors.

Engineering Controls. Storage arrange can play a significant role in limiting the extend of fire damage. Aisle spacing and file stability can prevent fire from spreading rapidly by jumping across narrow spaces. They also provide room for firefighting and proper material handling.

Sign Designs, Inc. has provided proper dust collection systems to help control exposure from dust. Combustible fluids are placed in proper chemical cabinets.

Static electricity is controlled through proper grounding and bonding of equipment. (See Grounding Supplement) Flammable and heating can be controlled through proper handling of heated material and proper storage of chemicals. (See Welding Supplement)

Smoking. Smoking is strictly prohibited except in designated areas. Sign Designs, Inc. follows Stanislaus County regulations concerning smoking.

Fire Extinguishers. Sign Designs, Inc. has provided fire extinguishers throughout its facilities and has provided fire extinguishers on each truck. All fire extinguishers shall be ABC type.

Fire extinguishers are inspected monthly and a log of that inspection is kept by the building maintenance department. An annual inspection and recharging is performed by a professional outside service. Fire extinguishers are tagged with the date of the inspection and the name of the certified inspector. All records are maintained for 1 year

Fire extinguishers without tags, or expired tags shall be removed from service until proper inspection and recharge can be completed.

Training. Every employee shall be trained in the location and proper use of a fire extinguisher. Facility maps are provided throughout the facility marking the location of all fire extinguishers.

Employees are retrained annually, at the time of inspection and recharge, in the use of fire extinguishers. During the inspection and recharge the trainer will demonstrate the proper method of discharge in the event of a fire. Training must include:

1. Recognition of different types of fires and hazards involved in fighting each type of fire.
2. Determination of a fire that is extinguishable, or is out of control.
3. Procedures in working with fire officials.

Training records of attendance at training sessions is maintained by the Human Resources Department.

In the event of a fire.

CALL 911

Do not attempt to extinguish a fire that is out of control. Immediately notify all supervisors and all other personal that a fire is in progress.

Evacuate the building. All employees are instructed to congregate in the parking lot behind the MacDonald Screen Print Division. Supervisors shall take a roll call to assure that all employees are accounted for. If there is a missing employee, immediately inform fire officials.