

# City of Katy Fire Extinguisher Training

## Do you have a Fire Extinguisher?

When used properly, a portable fire extinguisher can save lives and property by putting out a small fire or controlling it until the fire department arrives. Portable extinguishers, intended for the home, are not designed to fight large or spreading fires. However, even against small fires, they are useful only under certain conditions:

- The operator must know how to use the extinguisher. There is no time to read directions during an emergency.
- The extinguisher must be within easy reach and in working order, fully charged.
- Some models are unsuitable for use on grease or electrical fires.

## Selecting Your Extinguisher

Choose your extinguisher carefully. A fire extinguisher should bear the seal of an independent testing laboratory. It should also be labeled with the type of fire it is intended to extinguish.

The extinguisher must be large enough to put out the fire. Most portable extinguishers discharge completely in as few as eight seconds.

## Classes of Fires

There are three basic classes of fires. All fire extinguishers are labeled with standard symbols for the classes of fires they can put out. A red slash through any of the symbols tells you the extinguisher cannot be used on that class fire. A missing symbol tells you only that the extinguisher has not been tested for use on a given class of fire.

**Class A:** Ordinary combustibles such as wood, cloth, paper, rubber, and many plastics.

**Class B:** Flammable liquids such as gasoline, oil, grease, tar, oil-based paint, lacquer, and flammable gas.

**Class C:** Energized electrical equipment including wiring, fuse boxes, circuit breakers, machinery, and appliances.

Many household fire extinguishers are "multipurpose" A-B-C models, labeled for use on all three classes of fire. If you are ever faced with a Class A fire, and you don't have an extinguisher with an "A" symbol, don't hesitate to use one with the "B C" symbols.

*Warning: It is dangerous to use water or an extinguisher labeled only for Class A fires on a grease or electrical fire.*

**Extinguisher sizes:** Portable extinguishers are also rated for the size of fire they can handle. This rating is a number from 1 to 40 for Class A fires and 1 to 640 for Class B fires. The rating will appear on the label. The larger the number, the larger the fire the extinguisher can put out. Higher-rated models are often heavier. Make sure you can hold and operate the extinguishers rated 1A or 2A and/or 5B, 10B, or 20B.

## Installation and Maintenance

Extinguishers should be installed in plain view, above the reach of children, near an escape route and away from stoves and heating appliances.

Extinguishers require routine care. Read your operator's manual and ask your dealer how your extinguisher should be inspected and serviced. Rechargeable models must be serviced after every use. Disposable fire extinguishers can be used only once; they must be replaced after one use. Following manufacturer's instructions, check the pressure in your extinguishers once a month. If the extinguisher has a gauge, ensure the gauge is in the green area of the dial. Remember "Green is Good".

### **Remember the PASS word (Pull, Aim, Squeeze and Sweep)**

Stand 6 to 8 feet away from the fire and follow the four-step PASS procedure. If the fire does not begin to go out immediately, leave the area at once. Always be sure the fire department inspects the fire site.

**PULL the pin out:** This unlocks the operating lever and allows you to discharge the extinguisher. Some extinguishers have other devices that prevent inadvertent operation.

**AIM low:** Point the extinguisher nozzle (or hose) at the **base of the fire**.

**SQUEEZE the lever below the handle:** This discharges the extinguishing agent. Releasing the lever will stop the discharge. Some extinguishers have a button that you press.

**SWEEP from side to side:** Moving carefully toward the fire, keep the extinguisher aimed at the base of the fire and sweep back and forth until the flames appear to be out. Watch the fire area. If the fire re-ignites, repeat the process.

### Should You Fight the Fire?

Before you begin to fight a fire:

- Make sure everyone has left, or is leaving, the building.
- Make sure the fire department has been notified by dialing 911.
- Make sure the fire is confined to a small area and that it is not spreading beyond the immediate area.
- Make sure you have an unobstructed escape route where the fire will not spread.
- Make sure that you have read the instructions and that you know how to use the extinguisher.

It is dangerous to fight a fire under any other circumstances. Instead, leave immediately and close off the doors and windows if possible.

For more information on selecting the proper fire extinguisher for your home feel free to contact the Fire Marshals Office at 281-391-4080.