

# Fire extinguishers Handout

# Fire Emergency Response



Rescue





<u> A</u>larm



<u>Contain</u>



Extinguish





# Fire extinguishers Handout

A portable fire extinguisher can save lives and property by putting out a small fire or containing it until the fire department arrives; but portable extinguishers have limitations. Because fire grows and spreads so rapidly, the #1 priority for residents is to get out safely.

Fire extinguishers are one element of a fire response plan, but the primary element is safe escape. Every household should have a home fire escape plan and working smoke alarms.

#### Safety tips

- Use a portable fire extinguisher when the fire is confined to a small area, such as a wastebasket, and is
  not growing; everyone has exited the building; the fire department has been called or is being called; and
  the room is not filled with smoke.
- To operate a fire extinguisher, remember the word PASS:
- Pull the pin. Hold the extinguisher with the nozzle pointing away from you, and release the locking mechanism.
- Aim low. Point the extinguisher at the base of the fire.
- Squeeze the lever slowly and evenly.
- Sweep the nozzle from side-to-side.
- For the home, select a multi-purpose extinguisher (can be used on all types of home fires) that is large enough to put out a small fire, but not so heavy as to be difficult to handle.
- Choose a fire extinguisher that carries the label of an independent testing laboratory.
- Read the instructions that come with the fire extinguisher and become familiar with its parts and operation before a fire breaks out. Local fire departments or fire equipment distributors often offer hands-on fire extinguisher trainings.
- Install fire extinguishers close to an exit and keep your back to a clear exit when you use the device so
  you can make an easy escape if the fire cannot be controlled. If the room fills with smoke, leave
  immediately.
- Know when to go. Fire extinguishers are one element of a fire response plan, but the primary element is safe escape. Every household should have a home fire escape plan and working smoke alarms.

#### Portable Fire Extinguishers and Children

NFPA believes that children should not be trained how to operate portable fire extinguishers. Teaching children to use portable fire extinguishers runs counter to NFPA messaging to get out and stay out if there is a fire. Furthermore, children may not have the maturity to operate a portable fire extinguisher properly or decide whether or not a fire is small enough to be put out by the extinguisher. They may not have the physical ability to handle the extinguisher or dexterity to perform the complex actions required to put out a fire. In the process of extinguishing flames, children may not know how to respond if the fire spreads. NFPA continues to believe that only adults who know how to operate portable fire extinguishers should use them.



- MAKE a home escape plan. Draw a map of your home showing all doors and windows. Discuss the plan with everyone in your home.
- NOW at least two ways out of every room, if possible. Make sure all doors and windows leading outside open easily.
- ))) HAVE an outside meeting place (like a tree, light pole or mailbox) a safe distance from the home where everyone should meet.
- >>> PRACTICE your home fire drill at night and during the day with everyone in your home, twice a year.
- PRACTICE using different ways out.
- >>> TEACH children how to escape on their own in case you can't help them.
- ))) CLOSE doors behind you as you leave.

#### IF THE ALARM SOUNDS...

- ))) If the smoke alarm sounds, GET OUT AND STAY OUT. Never go back inside for people or pets.
- If you have to escape through smoke, GET LOW AND GO under the smoke to your way out.
- ))) CALL the fire department from outside your home.

## **FACTS**

- A closed door may slow the spread of smoke, heat, and fire. Install smoke alarms inside every sleeping room and outside each separate sleeping area. Install alarms on every level of the home. Smoke alarms should be interconnected. When one smoke alarm sounds, they all sound.
- According to an NFPA survey, only **one of every three**American households have actually developed and practiced a home fire escape plan.
- (!) While **71%** of Americans have an escape plan in case of a fire, only **47%** of those have practiced it.
- (1) One-third of American households who made an estimate thought they would have at least 6 minutes before a fire in their home would become life-threatening. The time available is often less. And only 8% said their first thought on hearing a smoke alarm would be to get out!



**Your Source for SAFETY Information** 

NFPA Public Education Division • 1 Batterymarch Park, Quincy, MA

More I

Request a FREE Home Fire Safety Visit with us!

More Info: gwgvfd.org



SMOKE ALARMS ARE A KEY PART of a home fire escape plan. When there is a fire, smoke spreads fast. Working smoke

alarms give you early warning so you can

get outside quickly.



#### **SAFETY TIPS**

- Install smoke alarms in every bedroom. They should also be outside each sleeping area and on every level of the home. Install alarms in the basement.
- Large homes may need extra smoke alarms.
- It is best to use interconnected smoke alarms.
   When one smoke alarm sounds, they all sound.
- Test all smoke alarms at least once a month.
   Press the test button to be sure the alarm is working.
- There are two kinds of alarms. Ionization smoke alarms are quicker to warn about flaming fires.
   Photoelectric alarms are quicker to warn about smoldering fires. It is best to use both types of alarms in the home.
- A smoke alarm should be on the ceiling or high on a wall. Keep smoke alarms away from the kitchen to reduce false alarms. They should be at least 10 feet (3 meters) from the stove.
- People who are hard-of-hearing or deaf can use special alarms. These alarms have strobe lights and bed shakers.
- Replace all smoke alarms when they are 10 years old.

### **FACTS**

- (1) A closed door may slow the spread of smoke, heat, and fire.
- I Smoke alarms should be installed inside every sleeping room, outside each separate sleeping area, and on every level. Smoke alarms should be connected so when one sounds, they all sound. Most homes do not have this level of protection.
- Roughly 3 out of 5 fire deaths happen in homes with no smoke alarms or no working smoke alarms.



