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Classes of Fire Extinguishers

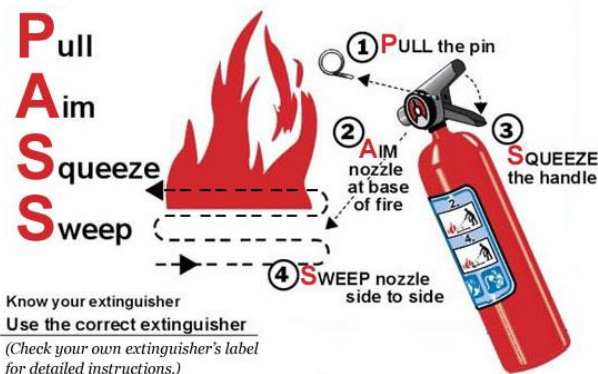
The class of a fire extinguisher tells what type of fire that extinguisher can be used on.

| TYPES OF FIRES | TYPES OF EXTINGUISHERS |
|--|---|
| <p>CLASS A ORDINARY COMBUSTIBLES: wood, paper, rubber, fabrics and many plastics</p>  | <p>CLASS A</p>    |
| <p>CLASS B FLAMMABLE LIQUIDS & GASES: gasoline, oils, paint, lacquer and tar</p>  | <p>CLASS A:B</p>    |
| <p>CLASS C FIRES INVOLVING LIVE ELECTRICAL EQUIPMENT</p>  | <p>CLASS A:B:C</p>    |
| <p>CLASS D COMBUSTIBLE METALS OR COMBUSTIBLE METAL ALLOYS (NO picture symbol)</p>  | <p>CLASS A:C</p>   |
| <p>CLASS K FIRES IN COOKING APPLIANCES THAT INVOLVE COMBUSTIBLE COOKING MEDIA vegetable or animal oils and fats</p>  | <p>CLASS B:C</p>   |
| | <p>CLASS D</p>  |
| | <p>CLASS A:K</p>   |

If the extinguisher is rated for multiple classes, it will work on all of the fire classes that are listed. For example, an ABC class fire extinguisher will work for any type of fire except Class D (metal) and K (cooking appliances) fires.

How to Use a Fire Extinguisher: PASS

To operate an extinguisher:



To use a fire extinguisher, remember the acronym PASS:

- P**ull the pin
- A**im at the base of the fire
- S**queeze the handle
- S**weep back and forth

Always start 8-10 feet away from the fire and walk towards the fire as you spray it with the extinguisher using a back and forth sweeping motion. If started too close this can cause the fire to spread. If the fire is not out by the time one gets to the fire, **LEAVE**. The fire is too big for the extinguisher to handle. Never attempt to put out a fire that is larger than a small trash can fire.

In the Event of a Fire – RACE

Rescue or Remove everyone from the lab

Activate the nearest alarm pull station

Confine the fire by closing lab door. If it's a hoof fire, close the sash, if possible

Evacuate. Leave lights on, follow the exit signs, stay low in smoky areas, and use stairs, not elevators



Flammable & Combustible Liquid Storage

Flammable liquids should always be stored in Underwriter Laboratory (UL) listed flammable storage cabinets and containers. Only keep small quantities (no more than 5 gallons) of combustibles in ordinary containers outside of flammable storage containers.

Open Flames

Never leave open flames unattended

Electrical Safety

Keep electrical equipment away from damp areas, such as sinks. Use ground fault protection and arrange equipment to avoid spills. Extensions cords are only to be used for a short period of time.