

Portable Fire Extinguisher Safety

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Emergency Procedures



If there is a fire in this building during our presentation - we will be notified and asked to leave in an orderly manner.

Remain outside until we are given the all clear by the fire or police department.



Environmental Concerns



Location of:

Restrooms

Drinking fountain

Vending machines

Smoking is prohibited



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What are we going to Learn Today?

- ☞ What “fire” is.
- ☞ Classifications of fire.
- ☞ Leading fire causes.
- ☞ Fire prevention.
- ☞ Importance of portable fire extinguishers
- ☞ Types of portable fire extinguishers.
- ☞ How to use a portable fire extinguishers.
- ☞ Making the “right” decision.
- ☞ Reporting an emergency.

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What is Fire?

A rapid chemical reaction.

**the self-sustaining
process of rapid
oxidation of a fuel,
which produces
heat and light.**

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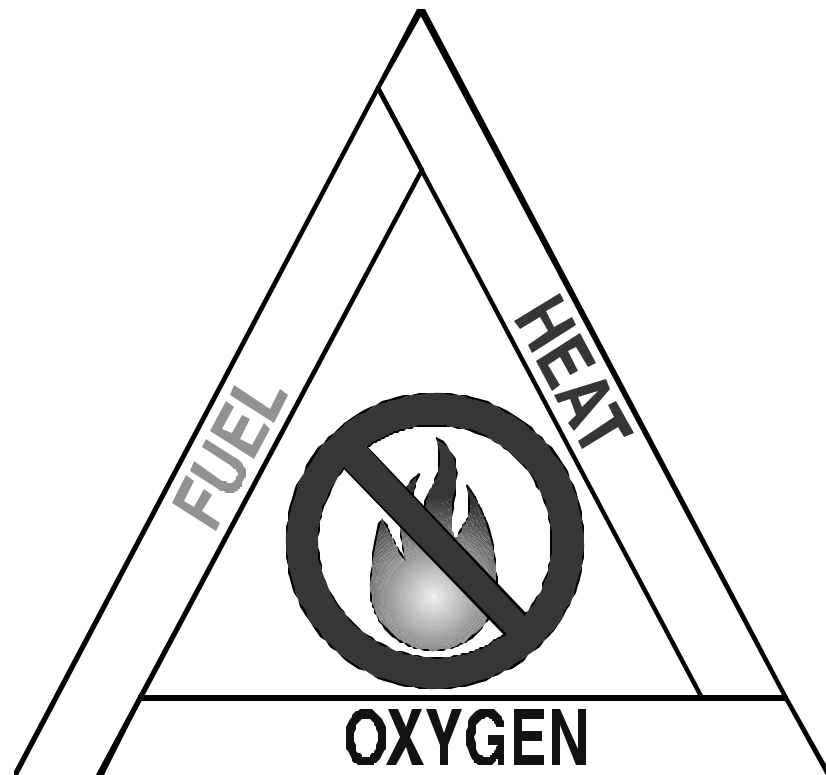


Extinguishment Theory

- Remove Heat
- Remove Fuel
- Reduce Oxygen

WILL

- Inhibit Chemical Chain Reaction



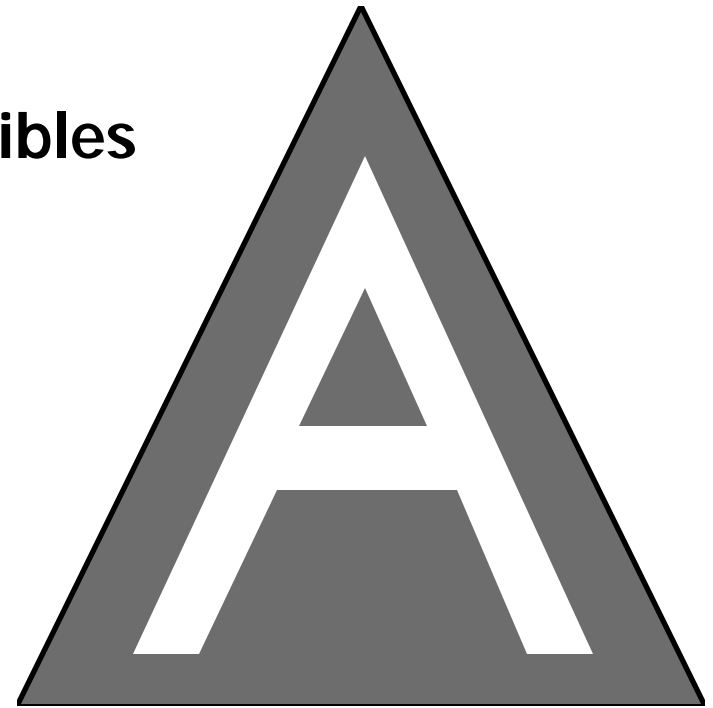
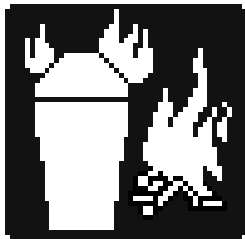
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Classification of Fire

Class A or Ordinary Combustibles

This includes fuels such as wood, paper, plastic, rubber, and cloth.



Green Triangle

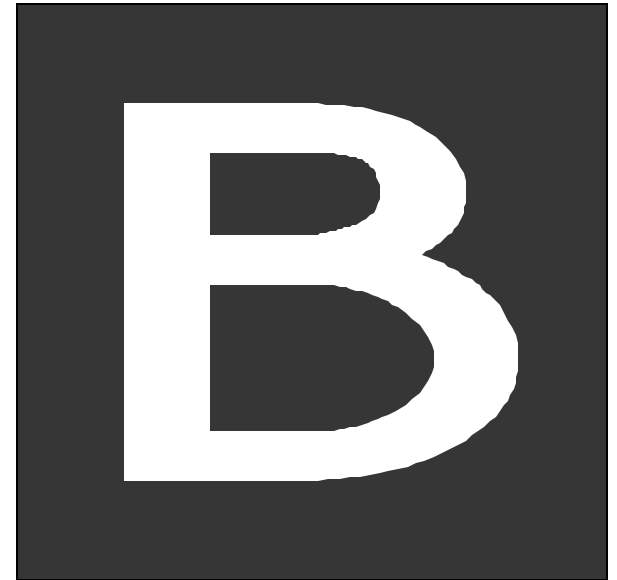
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Classification of Fire

Class B or Flammable and Combustible Liquids and Gases

This includes all hydrocarbon
and alcohol based liquids and
gases that will support
combustion.



Red Square



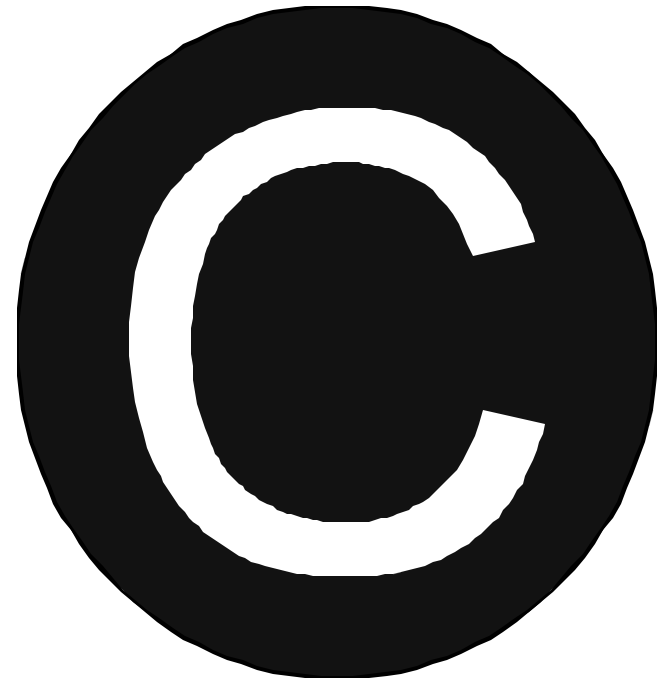
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Classification of Fire

Class C or Electrical

This includes all fires involving energized electrical equipment.



Blue Circle

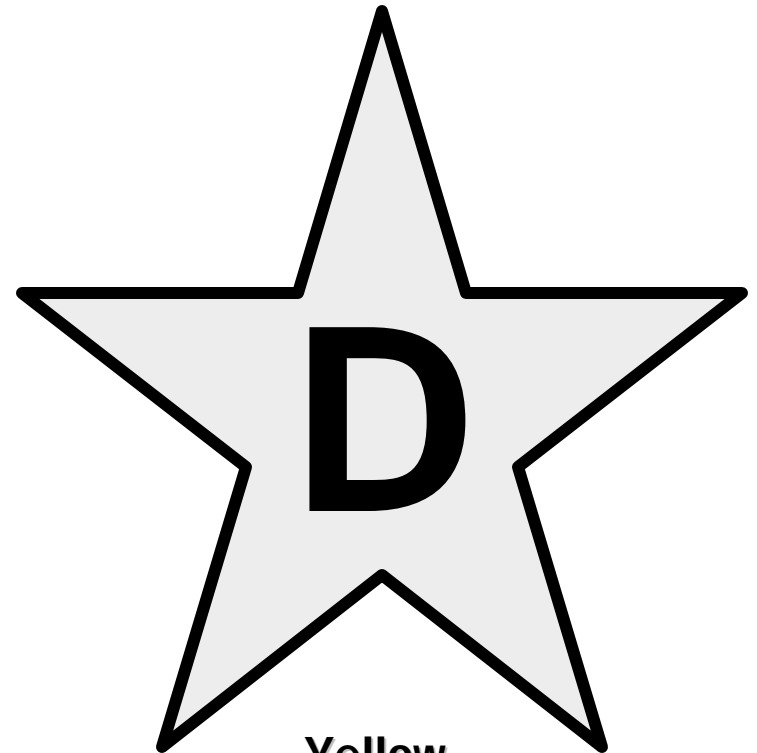
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Classification of Fire

Class D or Combustible Metals

**Examples of these
types metals are:
zirconium, titanium,
potassium, and
magnesium.**



**Yellow
Star**

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Classification of Fire

Class K for fires in unsaturated cooking oils in well insulated cooking appliances in commercial kitchens.

2A:1B:C:K



Model 260

Model 262

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Some Causes of Fire ?

Electricity

Housekeeping

Cleaning supplies

Flammable & Combustible Liquids

Machinery

Improper storage

Space Heaters

Construction

Any Ideas on Prevention ?

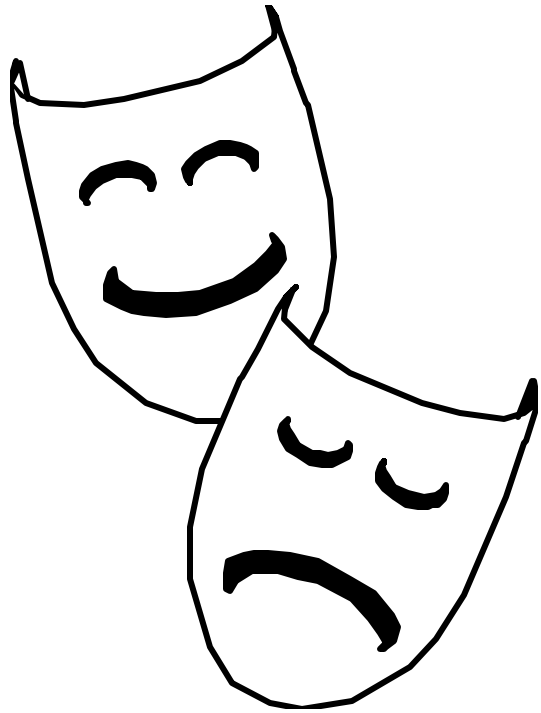
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*The importance of
portable fire
extinguishers?*

**Your first line
of defense!**

Now, let's watch a video.



"Fire Extinguishers at Work"

**National Fire Protection
Association**

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Characteristics



Water extinguisher 30-40 ft. 60 sec.



Dry chemical 5-20 ft. 8-25 sec.



CO2 extinguisher 3-8 ft. 8-30 sec.

“Quick-Check”









Is It
Ready To
Use ?

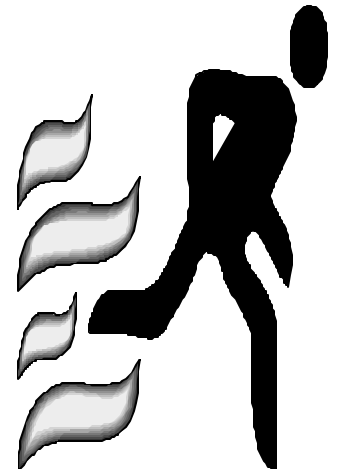


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Making That "Right" Decision

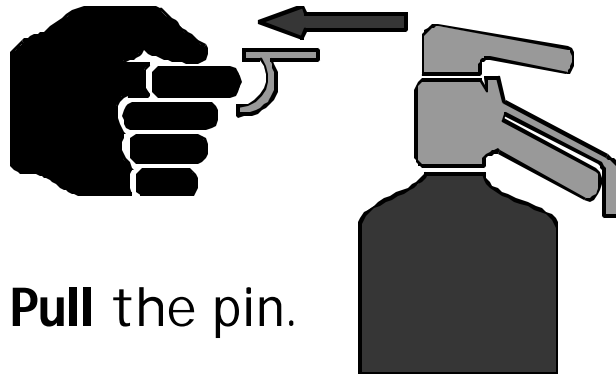
-  You are trained in the use of extinguishers.
-  You know what is burning.
-  Fire is not spreading rapidly.
-  Smoke and heat has not filled the area.
-  You have a clear path of escape.
-  Follow your instincts.



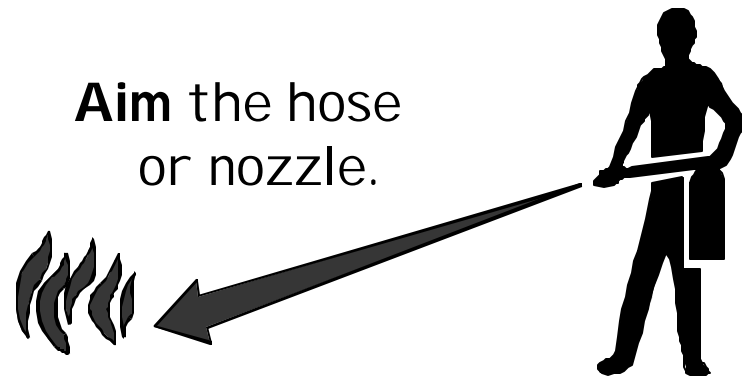
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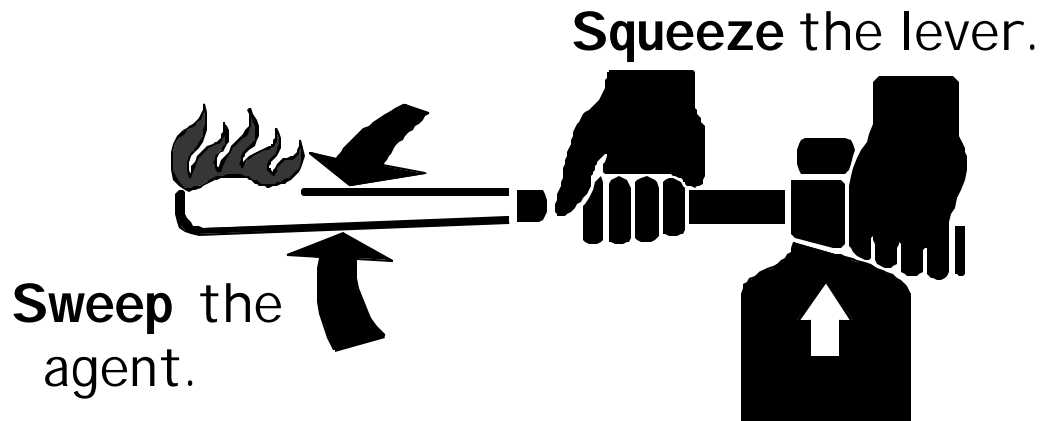
The P.A.S.S. Method



Pull the pin.



Aim the hose
or nozzle.



Squeeze the lever.


Sweep the
agent.


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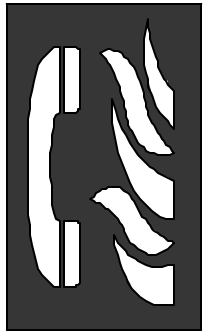


Reporting an Emergency

 Dial 9-911.

 It is not recommended you stay in the building to call, call from an adjunct building.

 Give as much information as possible to the emergency dispatcher.



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**You are not
expected
to be
firefighters!**



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**Thank You
For Your
Time!**

**Any
Questions?**

