



# Rutherford County Government

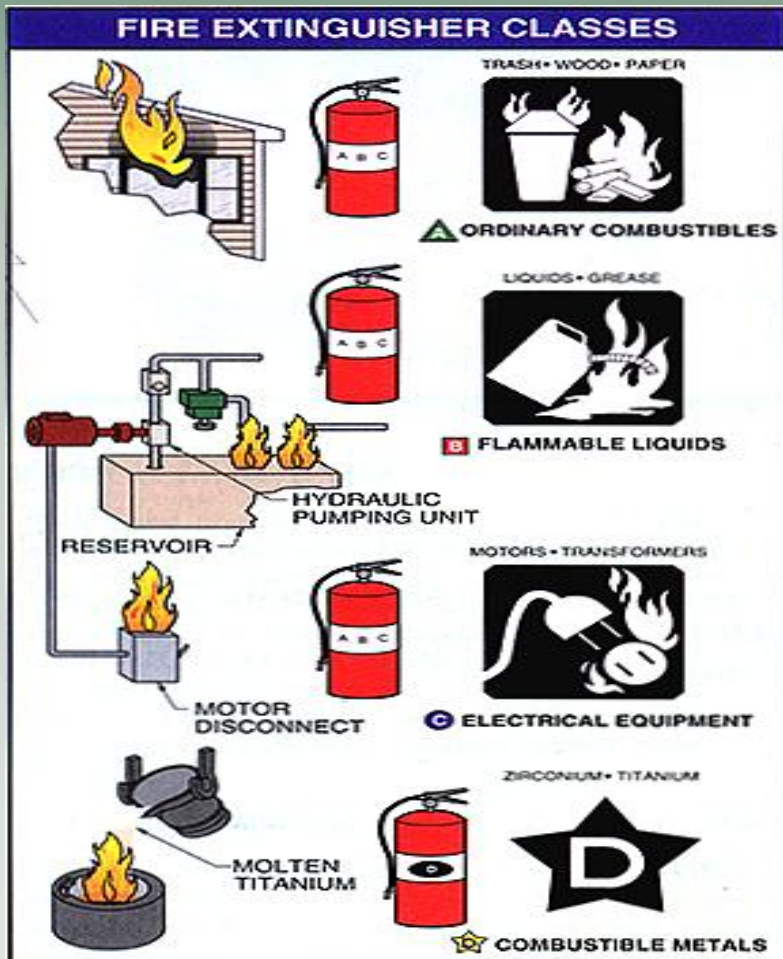
## Portable Fire Extinguishers





# Extinguisher Markings

There are 4 class types of Extinguishers



- Class A - Ordinary
- Class B - Flammables
- Class C - Electrical
- Class D – Metals



# Class A Rating

**Class A** extinguishers are for ordinary combustible materials such as paper, wood, cardboard, and most plastics. These extinguishers are filled with water and have a numerical rating indicating the amount of water it holds and the amount of fire it can extinguish.





# Class B Ratings

**Class B** fires involve flammable or combustible liquids such as gasoline, kerosene, grease and oil. The contents of these extinguishers are in the form of a foam spray.

The numerical rating for these extinguishers indicate the approximate number of square feet of fire it can extinguish.







# Class C Rating

**Class C** fires involve electrical equipment, such as appliances, wiring, circuit breakers and outlets. The contents of these extinguishers are in the form of a powder spray. Never use water to extinguish electrical fires – the risk of electrical shock is far too great!





# Class D Rating

**Class D** fire extinguishers are commonly found in a chemical laboratory. They are for fires that involve combustible metals, such as magnesium, titanium, potassium and sodium. The content of these extinguishers consist of Sodium Chloride powder. They are designed for Class D fires only.





# Extinguisher Markings

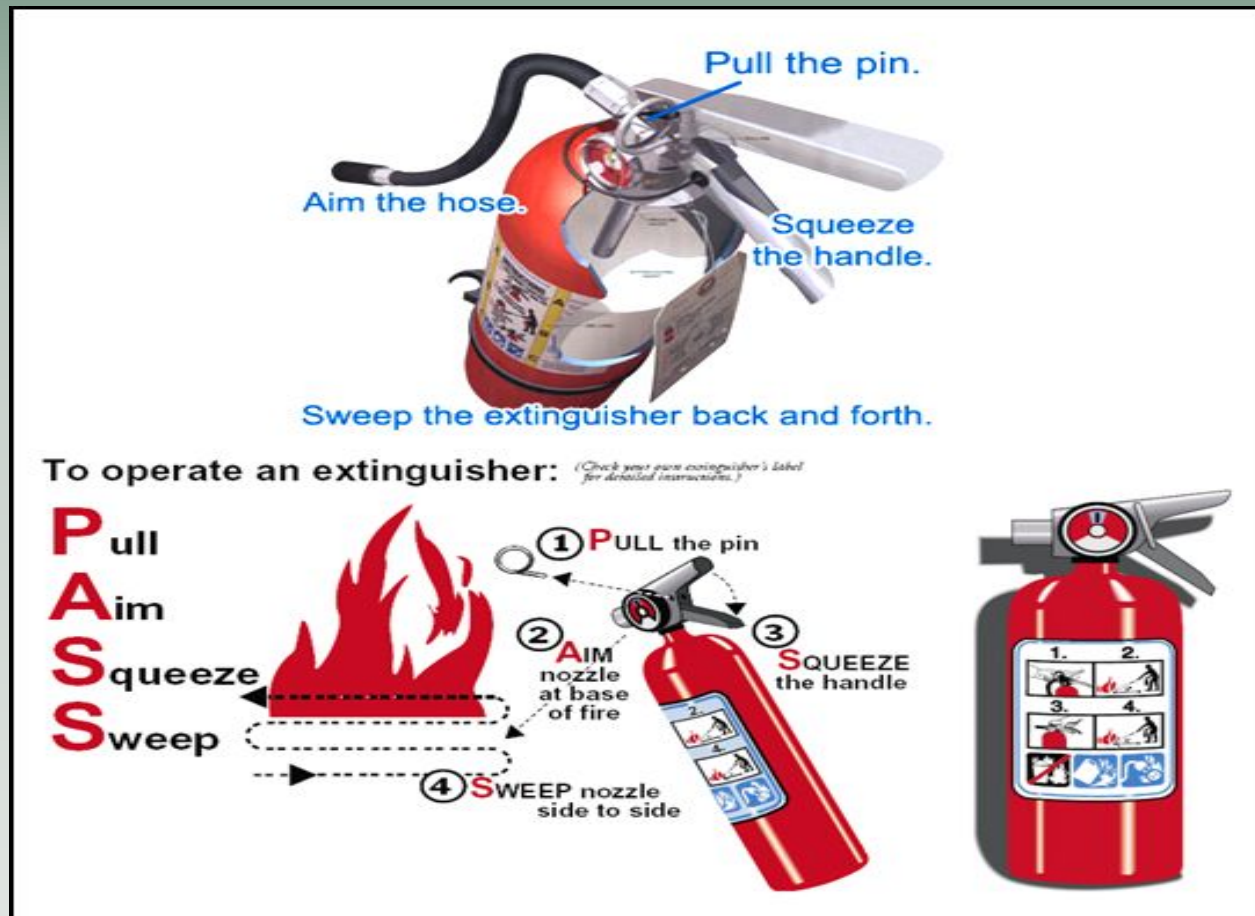
Most locations have general purpose fire extinguishers that can be used on Class A, B & C fires. These extinguishers have markings on the left side to indicate what fire class they can be used for.





# How to use a Fire Extinguisher

Just remember P.A.S.S







# How to use a fire extinguisher

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1. **Pull** the safety pin at the top of the extinguisher, breaking the plastic or thin seal in the process.





# How to use a fire extinguisher

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2. Aim the nozzle or horn at the base of the fire.





# How to use a fire extinguisher

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3. **Squeeze** the carrying handle and the discharge handle together to start the flow of agent.





# How to use a fire extinguisher

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4. **Sweep** the nozzle back and forth. Move forward while sweeping the nozzle from side to side until fire is extinguished.





# Summary

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A portable extinguisher is a valuable tool to have available to use. Take the time to gain an understanding of their class ratings for correct application. In the event you need to use one, just remember P.A.S.S.

**P**ull

**A**im

**S**queeze

**S**weep





# Grease Fires

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If you can view videos on YouTube, just click on the picture below for a demonstration on grease fires.





# Safety Training Contact

For answers to questions, interactive discussion or other information related to *Portable Fire Extinguishers*, please contact:

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