



Fire Safety for BYU-Idaho

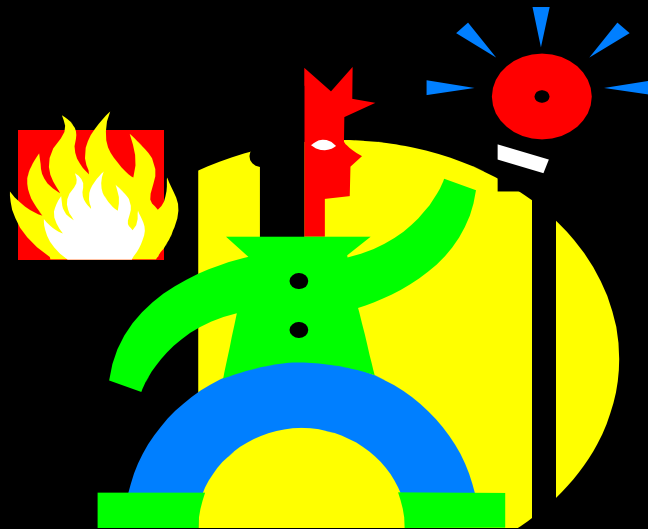


Fire Safety Training for Students,
Staff and Faculty



Purpose

- To save life and property.



Know the Dangers

- Flame, Heat, and Smoke are the obvious dangers. Other dangers include:
- Suffocation
- Toxic vapors
- Explosions



Fire Prevention

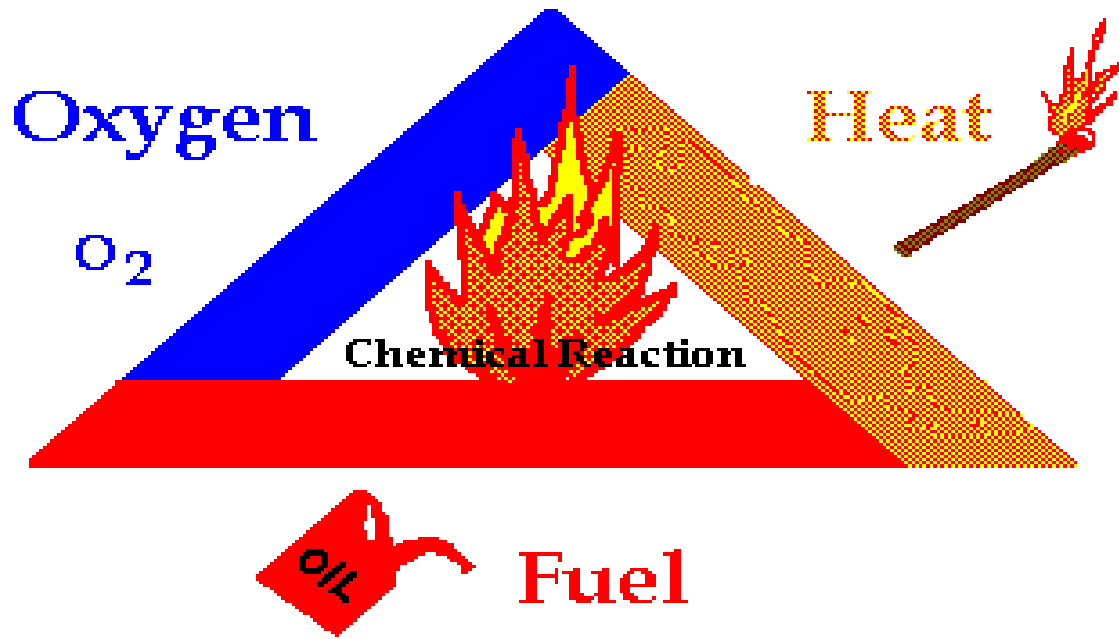


- Eliminate fire hazards!
- Learn how to respond!
 - Quickly
 - Properly
- Good Practice!

Practice makes perfect only when it is perfect practice.

The Fire Triangle

Fire Triangle



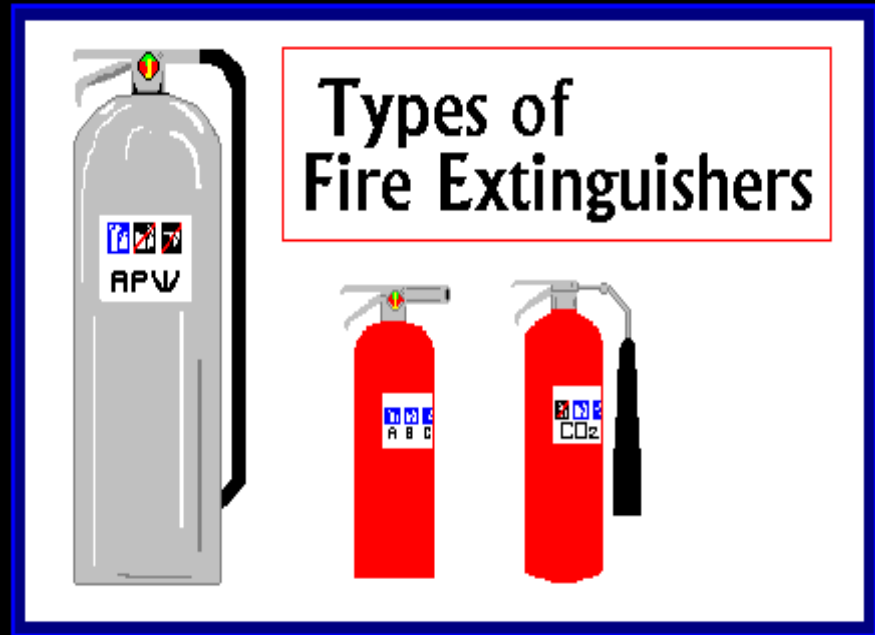


Class of Fuels

- A-Wood, Paper, Cloth, Trash, Etc.
- B-Flammable Liquids: Gasoline, Oil, etc.
- C-Electrical: Electricity present.
- D-Combustible Metals: Magnesium, Aluminum, etc.

Types of Extinguishers

- Water
- Carbon Dioxide
- Dry Chemical
(ABC, BC)



Rules of Fire Safety



- Building Coordinators
- Department Planning
- Emergency Planning & Procedures

Building Evacuation

Emergency Phone Operations

Fire Extinguisher Operations

Alarm pull stations



Building Coordinators



- Coordinators responsibility
 - Knowledge of Safety web page.
 - Training of personnel on Safety web page.
 - List of personnel for evacuation roll call
 - Knowledge of Department Planning and Emergency Procedures.

Department Planning

- Means of egress
- Evacuation Route
- Fire Escapes
- Exit Doors





Emergency Planning & Procedures



- Emergency Plans
 - Reporting
 - Evacuation
 - Location of Fire Extinguishers
 - Location of Pull Station
 - Exterior location of Assembly
- Fire Drills

Fire Extinguishers

- Location
- How to use a Fire Extinguisher (**PASS**)
 - **P**ull Pin
 - **A**im at base of Fire
 - **S**queeze handle
 - **S**weep side to side





Rules for Fighting Fires

- Assist any person in immediate danger to safety, if it can be accomplished without risk to yourself.
- Activate the building fire alarm or notify the fire department by dialing 911.(or designate someone else to notify them for you)
- Only after having done these two things, if the fire is small, you may use a fire extinguisher to put it out.



Never fight a fire if:

- You don't know what is burning.
- The fire is spreading rapidly beyond the spot where it started.
- You don't have adequate or appropriate equipment.
- You might inhale toxic smoke.
- Your instincts tell you not to.



Final Rule



- The final rule is always position your self with an exit or means of egress to your back before you attempt to use any extinguisher to put out a fire.
- **Always keep an exit at your back!**

Emergency Telephones

- Push the Red button
- The call is answered by dispatch
- Identify yourself
- State your emergency
- Follow instructions



Workplace Fire Prevention

- **Electrical Systems**

- Replace wiring or cords when insulation becomes frayed or worn..
- Use correct fuses so as to not overload the circuit.
- Check ground connections for safe pathway of electricity if a fault occurs.
- Keep combustible materials away from lights and machinery.

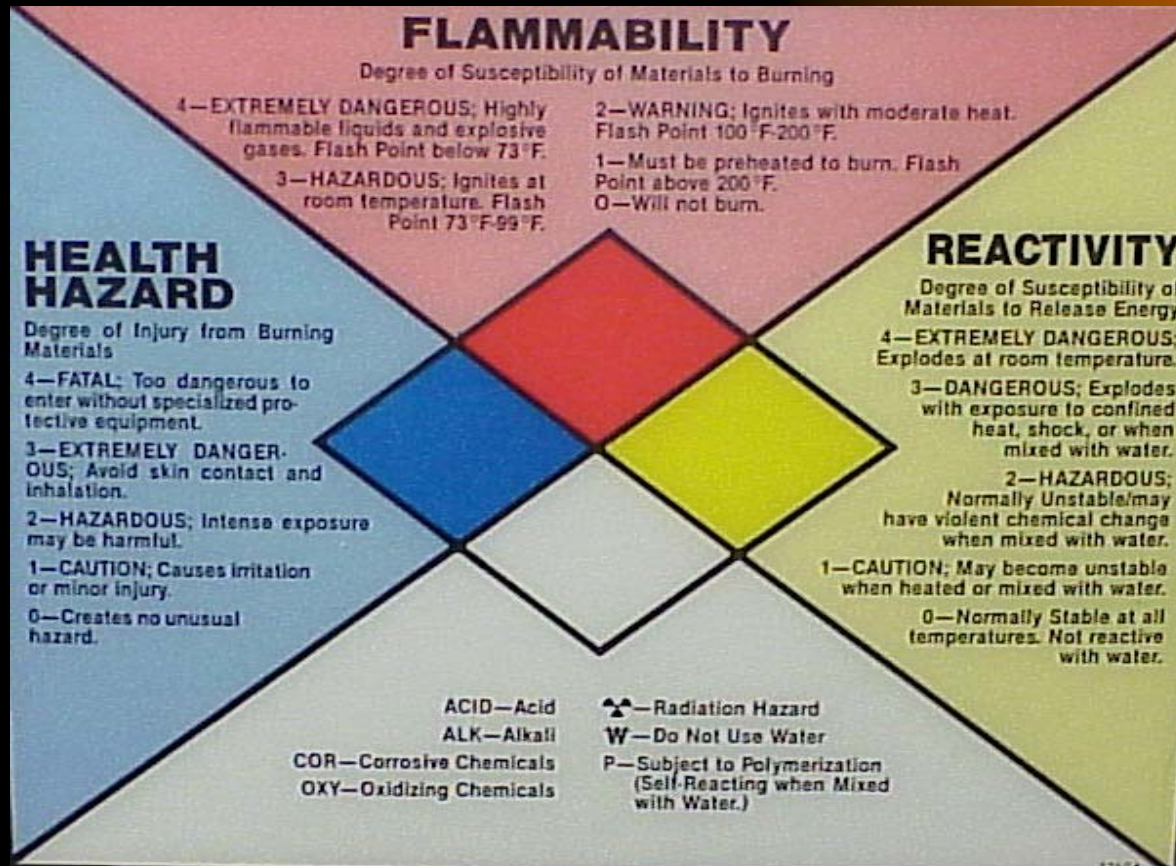


Workplace Fire Prevention



- Chemicals.
 - Material Safety Data Sheets.(MSDS).
 - Know the Hazardous Materials Classification Chart
 - Know how to contain a chemical fire.
 - Flammable liquids
 - Compressed Gases
 - Welding, Cutting, & Brazing

Hazardous Materials Classification Chart



Housekeeping to Prevent Fires

- Keep motors and machine tools free of dust and grease.
- Use non-flammable cleaners.
- Repair and clean up flammable liquid leaks immediately.
- Remove clothing splashed with flammable liquids immediately.
- Store flammable materials in designated locations.

Housekeeping to Prevent Fires

- Keep incompatible substances away from each other.
- Dispose of combustible waste in covered, airtight metal containers.
- Sweep up dust, lint, sawdust, scraps, etc.
- Keep doors and passageways clear.
- Stack materials so they don't block sprinklers or exits.

Office Safety

- Don't overload electrical circuits or outlets.
- Pull the plug on equipment that smokes or sparks.
- Never place extension cords under carpets or rugs.
- Keep storage areas clear of rubbish or trash.



You have completed the PowerPoint
presentation

[Click here to take the quiz](#)