



Operate a Fire Extinguisher

STATEMENT OF PROCEDURE:

- Understand the combustion process and different fire classes.
- Understand fire extinguisher types, operating procedures, capabilities, and limitations.

1. Types of fires and Fire Class



- *wood*
- *cloth*
- *paper*
- *rubber*
- *many plastics*



- *gasoline*
- *oil*
- *grease*
- *tar*
- *oil-based paint*
- *lacquer*
- *flammable gases*



HEALTH AND SAFETY MANAGEMENT

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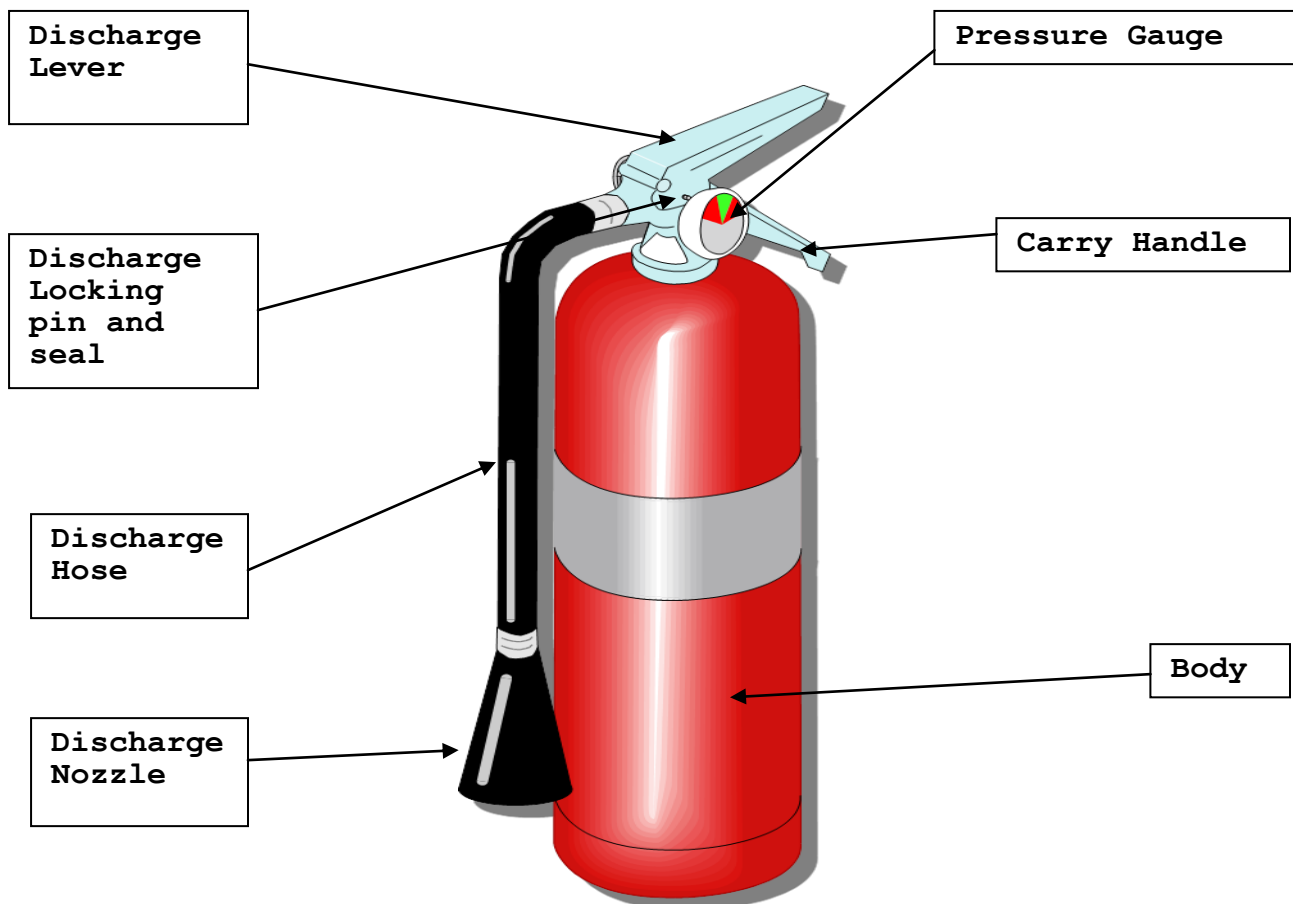
- *energized electrical equipment*



- *magnesium*
- *sodium*
- *potassium*
- *titanium*
- *zirconium*
- *other flammable metals*



2. Basic Part Make up of Fire Extinguisher





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3. Procedure to be followed if there is a fire

When a fire occurs, follow these general rules:

- Make sure everyone gets out of the building or work area
- Notify the Site Safety Officer and Site manager.
- The Safety Officer and fire team to evaluate the fire and will contact LOCAL AUTHORITIES for assistance when needed.
- Fires can spread quickly -- if you are unsuccessful in putting out a fire, the time you spend trying to extinguish a blaze may allow it to spread.
- If the fire is still small, decide if you or someone else should risk trying to control the fire. Smoke and gases released from a fire can be toxic, so never attempt to put out a fire if you have any doubts about your ability to extinguish it.
- If it is safe to do so the fire team that has received the relevant training can begin extinguishing the fire.
- For large uncontrolled fires wait for fire department personnel who have the proper equipment and are trained in fire fighting procedures.
- Always have your exit in site and don't let the fire get between you and the exit. Never move through fire or smoke to get to your fire extinguisher.
- Close the door behind you to limit oxygen in the building and wait until help arrives.
- Place watchmen in the area after the fire has been extinguished to observe the area for possible flare up.



4. PASS METHOD USED TO EXTINGUISH FIRE

Although extinguishers can vary in size, colour and type of extinguishing agent, all devices operate basically the same way. If the fire is small and heavy smoke is NOT present and you have an exit available to you for evacuation purposes, grab the nearest appropriate extinguisher and operate following the **P-A-S-S** procedure:

P - Pull the pin located in the extinguisher's handle.

A - Aim the nozzle, horn or hose at the base of the fire.

S - Squeeze or press the handle.

S - Sweep from side to side at the base of the fire until it is out.





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Who Approved This Policy

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