

Toolbox Talk: TB#04

Fire Safety

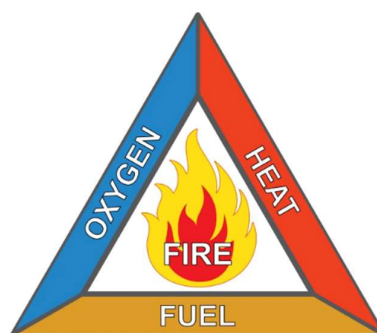
Basic fire safety knowledge is an important skill that can save your life on or off the job. Here we will breakdown basic characteristics of a fire, important fire safety tips, what to do if you find yourself involved with a fire and some discussion points for your group.

Characteristics of Fire:

To support fire, you must have; HEAT, FUEL, OXYGEN.

A small fire can grow out of control in as little as 30 seconds.

A room involved with a fire can have a temperature of 100°Celsius at floor level and 600°C at eye level. In less than 5 minutes a room can flashover.



Fire starts bright but will quickly turn the room pitch black from releasing smoke and toxic gases. Be familiar with your surroundings and evacuation routes!

Fire Safety Tips

- An important fire safety tip is to look for and eliminate any potential fire hazards before they become a reality!
- Know where fire call point stations and extinguishers are located.
- Time is the biggest enemy, get out of the building!
- If a fire, break nearest fire alarm call point, if possible, if not, call for help from a safe location outside.
- If smoke, stay as low to the ground as possible.
- If safe, close all doors behind you as you leave the building.
- Don't use the elevator for evacuation because the shaft can act as a chimney. Elevators also present an entrapment hazard if they fail.
- Never return to a burning building, and gather at the assembly area





Fire action

	Sound the alarm 
	Leave building by nearest available exit 
	Report to assembly point <div style="border: 1px solid green; padding: 2px; display: inline-block; margin-top: 5px;"> ✓ Fire assembly point </div>
	Do not return to the building until authorised to do so



Fire Call Point – Press hard at the center black dot if you encounter a fire. Do not attempt to extinguish if you are not trained and/or the fire is uncontrollable