

FIRE SAFETY 101

How To Survive & Escape From
a Building on Fire



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Wall Fire District No. 3

FIRE SAFETY 101

OBJECTIVES

- ▶ Learn the reality of fire – what a fire is really like
 - ▶ Learn how to survive and escape from a building on fire
 - ▶ Learn how to prevent a fire
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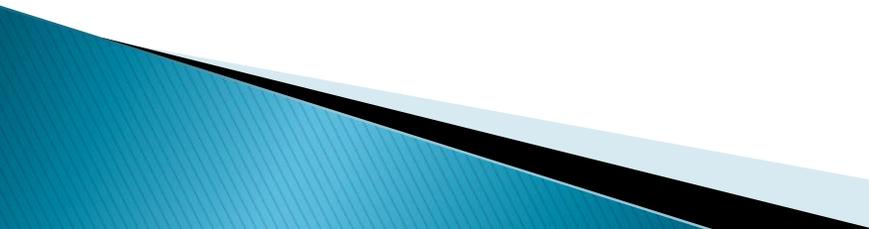
FIRE SAFETY 101

VIDEO

PLAN TO GET OUT ALIVE



PERCEPTION OF FIRE VS. THE REALITY OF FIRE

- ▶ Fire is black – there is no visibility
 - ▶ Smoke and Gases – will kill you, you cannot smell smoke when sleeping, smoke will not wake you but put you into a deeper sleep.
 - ▶ Carbon monoxide has a numbing and anesthetic effect.
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PERCEPTION OF FIRE VS. THE REALITY OF FIRE

- ▶ Layering of Smoke – stratification and stack effect
 - ▶ Intense Heat – inhalation of air at 150 degrees can be fatal, ceiling temps can be 6 times floor temp.
 - ▶ There is no time to waste. Fire can double in size every 30 seconds.
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ESCAPING FROM A BUILDING ON FIRE

- ▶ **Mentally Preplan – Think about and remain cognizant of what you will do to escape a fire, capitalize on your familiarity with the building.**
 - ▶ **React Immediately – To all smoke alarms and fire alarms**
 - ▶ **Practice – Practice drills and review plans with family and children**
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ESCAPING FROM A BUILDING ON FIRE

- ▶ PLAN ESCAPE ROUTES!
 - ▶ Know exit and stairway locations from your room. Know the number or corridor doors to exit or to get to the stairwell. Both left and right.
 - ▶ Prior to opening the door to hallway, feel the door and door knob. If they are hot, do not open the door
 - ▶ If they are not hot, open the door cautiously and check for smoke.
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ESCAPING FROM A BUILDING ON FIRE

- ▶ Prior to leaving your room and entering hallway, be able to get back inside. Take a room key
 - ▶ Upon leaving your room, close the door behind you.
 - ▶ Use stairs, do not use elevators.
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ESCAPING FROM A BUILDING ON FIRE

- ▶ Stay Low – Crawl and keep your head 1–2 feet about the floor.
 - ▶ Prevent Disorientation – move right to the exit, know the floor and wall textures.
 - ▶ Get out BEFORE phoning for help, find a phone in a safe place.
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ESCAPING FROM A BUILDING ON FIRE

- ▶ Pull the fire alarm only if it is on your way out
 - ▶ Do NOT look for other people or gather your belongings, if possible knock on doors as you leave and yell FIRE.
 - ▶ GET OUT – DO NOT WASTE TIME
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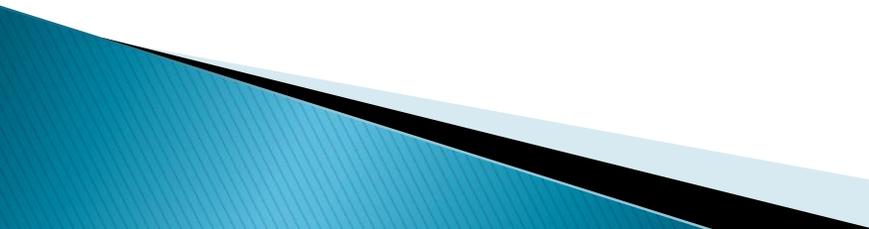
IF YOU ARE UNABLE TO ESCAPE

- ▶ Rescue is the # 1 priority for responding emergency personnel
 - ▶ Alert emergency personnel to your exact location – call 911, correct floor level, specific room. Ect.
 - ▶ Utilize telephones, intercoms, yell, hang something out the window.
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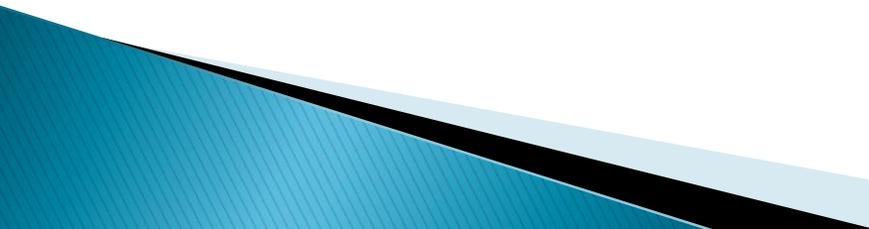
IF YOU ARE UNABLE TO ESCAPE

- ▶ Seal your door with towels
 - ▶ Adhere to instructions of emergency personnel. Protect in place.
 - ▶ Open windows for fresh air, close windows if smoke enters your room.
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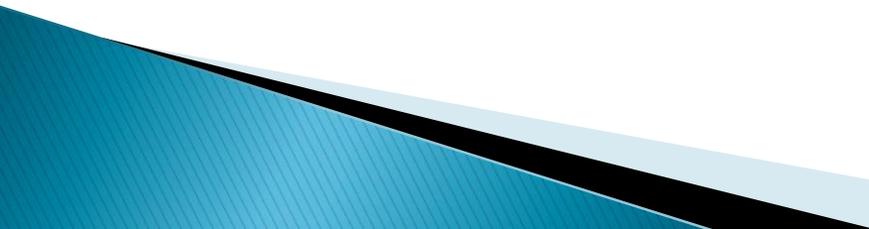
LEADING CUASES OF HOME FIRES

- ▶ Unattended Cooking
 - ▶ Overloaded Electrical Circuits
 - ▶ Lack of Heating Equip. Maintenance
 - ▶ Careless Smoking
 - ▶ Clothing Fires – CPSC reports that 83% of deaths resulting from sleepwear fires involve people over age of 65.
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PREVENTING FIRES

- ▶ Install smoke detectors on every level of your home and outside each sleeping area.
 - ▶ Working smoke detectors cut your risk of dying in a home fire in half!
 - ▶ Change your clocks – Change your batteries
 - ▶ Never leave cooking unattended and avoid wearing loose fitting clothing when cooking.
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PREVENTING FIRES

- ▶ Do not leave burning candles unattended
 - ▶ Avoid clutter and maintain a distance of 5 feet around all ignition sources.
 - ▶ Do not smoke in bed or when drinking
 - ▶ Soak cigarettes before emptying ashtrays
 - ▶ After a party, check furniture and cushions for smoldering cigarettes.
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QUESTIONS OR CONCERNS?

Contact

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EMERGENCY
DIAL 911