

5.10 FIRE SAFETY

Fire safety refers to planning and infrastructure in an organization that's designed to reduce fires and their effects. Simply, Fire Safety is the science of fire and the means of protection against it.

Fire safety regulations

1. Fire Safety in Home and Other Places

- Strike matches away from the body.
- Keep a lighted match ready before turning the knob of a gas burner.
- Stoves should be placed on a raised platform and not on the ground.
- Connect only one electric plug in a socket.
- Storage shelves should be away from the burner so that you do not have to lean over the flame to fetch the items.
- Never play with children or allow children to play in the kitchen.
- Do not keep a lighted stove or burner near a gas cylinder.
- Always close the regulator when the gas is not used.
- Replace the rubber tubes regularly so that it does not leak.
- Never place the cylinder in a horizontal position. Keep it vertical.
- Good housekeeping with proper arrangement of furniture, vessels and kitchen arrangements itself is a good fire safety measure.

2. In case of a gas leak from the LPG Cylinder

- ❖ Do not take any naked flame or allow a spark if you smell a gas leak.
- ❖ Do not operate any electrical switch as the spark.
- ❖ Open the door and windows and allow the gas to escape (LPG is heavier than air and so it tends to settle down on the ground or floor level)
- ❖ If possible, try to remove the leaking cylinder to a safe and open place so that the gas goes out and escapes.

3. In case of a fire in Cinema Hall

- ❖ When you enter the auditorium check the place at which normal exits and where the emergency exits.

- ❖ Rush out as soon as possible, through the exits and reach a place of safety.
- ❖ Do not panic.
- ❖ If there is smoke, lie on the floor as a smoke is usually lighter than air and tends to float.
- ❖ Use the stairs while running down.
- ❖ Do not smoke in the auditorium, toilet, refreshment halls etc.
- ❖ Locate the place of fire extinguishers and use them to put out the fire.

Safely tips against fire in Hotels

- ❖ Ask the porter / room boy about the ordinary as well as emergency passages, particularly the escape routes in the event of a fire.
- ❖ Find out the nearest escape route from your room.
- ❖ Electrical equipment must not be adjusted or altered without the permission of the management.
- ❖ Do not smoke in the bed. In case you smell smoke, raise an alarm.
- ❖ On the outbreak of fire, do not panic. You may sometimes be safer in your room.
- ❖ Leave the hotel by the staircase.
- ❖ Do not walk through smoke but crawl with your hands and knees on the ground and keep moving along the wall on the exit side.
- ❖ Read fire safety instructions/ fire plan, if available.