



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)



UNIT-III- Do's and Don'ts for safety in the use of domestic electrical appliances



UNIT -III



Wiring and fitting – Domestic appliances – water tap giving shock – shock from wet wall – fan firing shock – multi-storied building – Temporary installations – Agricultural pump installation – Do's and Don'ts for safety in the use of domestic electrical appliances.



Do's and Don'ts for safety in the use of domestic electrical appliances



some do's and don'ts for safety in the use of domestic electrical appliances:

Do's:

- **Read the Manual:** Always read and understand the user manual that comes with the appliance. It provides important information about proper usage and safety precautions.
- **Inspect Regularly:** Check appliances for frayed cords, exposed wires, or any other signs of damage. Do not use damaged appliances.
- **Use Ground Fault Circuit Interrupters (GFCIs):** Use GFCIs in areas where water is present, like the kitchen and bathroom, to prevent electric shocks.
- **Keep Appliances Dry:** Avoid using electrical appliances near water or in wet conditions unless they are specifically designed for it.



Do's and Don'ts for safety in the use of domestic electrical appliances

- **Plug in Safely:** Insert plugs fully into outlets. If a plug doesn't fit, do not force it or use an adapter. Call an electrician to install a new outlet.
- **Unplug When Not in Use:** When you're not using an appliance, unplug it. This not only saves energy but also prevents the risk of electrical fires.
- **Use Appliances for Intended Purposes:** Don't misuse appliances. For example, don't use a hairdryer to defrost a pipe or a microwave for heating objects not meant to be microwaved.
- **Keep Flammable Objects Away:** Keep flammable materials like curtains, towels, and papers away from heat-generating appliances like space heaters and stoves.
- **Install Smoke Alarms:** Have working smoke alarms in key areas of your house, especially in the kitchen and near bedrooms.
- **Regular Maintenance:** Have your appliances serviced regularly by qualified technicians, especially if they involve gas or have complex electrical systems.



Do's and Don'ts for safety in the use of domestic electrical appliances



- **Don'ts:**
- **Overload Outlets:** Don't overload outlets or power strips. Too many appliances drawing power from one outlet can cause overheating and fires.
- **Ignore Strange Noises or Smells:** If an appliance is making strange noises or giving off unusual smells, unplug it immediately and have it checked by a professional.
- **Yank the Cord:** Don't pull out a plug by yanking the cord. Grasp the plug firmly and pull it out gently to avoid damaging the cord.
- **Use Damaged Cords:** Do not use appliances with frayed or damaged cords. Replace them or have them repaired by a professional.
- **Cover Appliances:** Do not cover appliances like toasters and space heaters while in use. They need proper ventilation to prevent overheating.



Do's and Don'ts for safety in the use of domestic electrical appliances



- **Ignore Recalls:** Stay informed about recalls. If an appliance you own is recalled due to safety concerns, follow the manufacturer's instructions for returning, repairing, or replacing it.
- **DIY Repairs:** Unless you are a qualified electrician, don't attempt to repair electrical appliances yourself. Call a professional for repairs.
- **Ignore Children:** Educate children about the dangers of electrical appliances and keep them away from outlets and appliances, especially when they are in use.
- By following these do's and don'ts, you can significantly reduce the risk of accidents related to domestic electrical appliances in your home.



THANK YOU