



HOME SAFETY PROGRAM

HOME SAFETY PROGRAM

Introduction

- Home Safe Program is considered a guide
- Establish a Community Risk Reduction program for residential occupancies.
- Majority of fire deaths occur in residential occupancies
- Over the last 5 years 78% of structure fires were residential



HOME SAFETY PROGRAM

Benefits of the program:

- Increased community contact
- Familiarization with residential properties
- Encourage life safety practices
- Prevention of fires
- Prevention of injuries
- Work with diverse cultures in a place of their comfort



Home Safety Program

Benefits for residents:

- Fire and life safety in the home
- Protective measures to improve quality of life
- Public safety and awareness
- Existing conditions and life safety practices



Home Safety Program

Basic Information for the public includes:

- Emergency behaviors in case of fire
- Proper installation, maintenance, and use of smoke alarms
- Carbon monoxide detectors
- Residential sprinklers



Home Safety Program

Benefits to the community:

- Publicizing year round community programs and activities.
- Meeting residents of the community on a one – one basis.
- Answering specific fire protection or all –hazards fire and life safety inquiries



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- Meeting residents of the community on a one – one basis.
- Answering specific fire protection or all –hazards fire and life safety inquiries
- Allows fire fighters to become better acquainted with street names, hydrant locations, community development, and home construction, as well as pre-fire planning



Home Safety Program

Site visit procedures:

- Home should be approached via a sidewalk or path.
- If no one is home then leave an information package at the front door.
- If the resident is home, fire fighters shall introduce themselves and explain the purpose of the visit.
- Ask permission to enter the premises.



Home Safety Program

Home visit forms:

- Home Safe brochure
- Home Escape Plan
- Portable Fire Extinguishers
- Smoke Alarms
- Home Safe Inspection Checklist



Home Safety Program

Site visit procedures:

- If admittance is refused, thank the occupant and leave the appropriate all hazard materials.
- Home visit is voluntarily accepted by homeowner.
- Occupant objects to visiting certain rooms, this should be respected.
- Closets and cabinets should be opened by the homeowner.
- Fire and life safety hazards identified should be noted on the checklist form.
- Hazardous violation that violates Fire Code should be reported to Fire Prevention.
- If the answer to a question is not known, refer to Fire Prevention for follow up.
- No hazards found during the visit, compliment the homeowner for his or her efforts.
- Prior to leaving the premises, make sure the occupant understands and fire and life safety hazards and what corrective action is necessary.



Home Safety Program

Common hazards found in the home:

- Smoking materials
- Careless use of candles
- Open flame devices
- Poison potential of home cleaning and other common household products
- Fall hazards
- Tripping hazards
- Scalding risks with cooking and bathing
- Combustible items within 1 meter of a heat source



Home Safety Program

Electrical Installations:

- Overcurrent protection
- Fuses, circuit breakers, thermal overload
- Incorrect fuses
- GFCI's
- Outdoor Elect. Service



Home Safety Program

Other common electrical hazards:

- Heat build up
- Extension cords
- Octopus fittings



Home Safety Program

Other common electrical hazards:

- Damaged insulation
- Non rated electrical appliances
- Outlets have children safety covers
- Clear space around panels



Home Safety Program



Home Safety Program



Home Safety Program

Flammable liquids:

- Stored in listed safety cans
- Excessive amount of storage
- Spontaneous ignition of oily rags and brushes
- Not stored in basements or near sources of ignition



Home Safety Program

Flammable gases:

- Workshops, basements, garage and patios
- Spare cylinders



Home Safety Program

Heating systems:

- Gas fueled
- Oil fueled
- Woodstoves
- Fireplaces



Home Safety Program

Gas fueled systems:

- Supplied by natural or LPG
- Piping – approved and in good condition
- Serviced annually



Home Safety Program

Oil fired systems:

- Central heating
- Oil burner to heat water
- Oil tanks located below ground



Home Safety Program

Woodstoves:

- Installed to Mfg. Specifications
- Solid Fuel or Pellet
- 18 inch Clearance
- Storage of fuel and or ashes



Home Safety Program

Fireplaces:

- Spark screens?
- Annually inspected and cleaned?
- Proper disposal of ashes?



Home Safety Program

Cooking appliances:

- Poor housekeeping?
- Vent hoods free of grease build up
- Filters clean
- Gas Ranges – Installed properly



Home Safety Program

Other heating devices:

- Gas heaters
- Portable electric heaters
- Small electrical appliances
- Outdoor grills



Home Safety Program

Housekeeping and storage hazards:

- Storage in basements, attics, garages
- Hoarding
- Large quantities of trash around exterior
- Garages/ Workshops – attached and detached



Home Safety Program

Housekeeping and storage hazards:

- Exterior hazards
- Pool or hot tub
- Hazardous chemical storage



Home Safety Program

Fire safety precautions in earthquake prone areas:

- Water heaters to be secured to a wall.
- Flammable liquids
- Gas, water and electrical shut-off locations
- Emergency water and food supplies



Home Safety Program

Life safety considerations:

- Exit and escape routes
- Fire Drill Exit Plan
- Occupants with special needs



Home Safety Program

Fire extinguishing equipment:

- Fire extinguishers
- Automatic sprinkler systems



Home Safety Program

Wildland/Urban Interface Fire Safety:

- Precautions against ignition
- Fire Smart Program
- Emergency Evacuation Preparations



Home Safety Program

All Hazards education:

- Emergency preparedness
- Earthquake info
- Flood info
- Extreme heat and cold
- Crime

