





# 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



#### 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



### 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



### 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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Fire Chiefs' Association of BC

### 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
- Allows fire fighters to become better acquainted with street names, hydrant locations, community development, and home construction, as well as pre-fire planning

### 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 visit forms:

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



### Site visit procedures:

HOME SAFETY PROGRAM

- 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.



#### 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 I meter of a heat source



#### **Electrical Installations:**

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

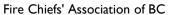




#### Other common electrical hazards:

- Heat build up
- Extension cords
- Octopus fittings







#### Other common electrical hazards:

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













### 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



# Flammable gases:

- Workshops, basements, garage and patios
- Spare cylinders



# Heating systems:

- Gas fueled
- Oil fueled
- Woodstoves
- Fireplaces



# Gas fueled systems:

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



# Oil fired systems:

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



#### Woodstoves:

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



# Fireplaces:

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



# Cooking appliances:

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



# Other heating devices:

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



# Housekeeping and storage hazards:

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





# Housekeeping and storage hazards:

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





# 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



# Life safety considerations:

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



# Fire extinguishing equipment:

- Fire extinguishers
- Automatic sprinkler systems



# Wildland/Urban Interface Fire Safety:

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



### All Hazards education:

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

