

# City Requirements for Smoke and Carbon Monoxide Alarms

The requirements for smoke alarms and carbon monoxide detectors is based on the City's Property Maintenance Code, the State Uniform Construction Code with amendments as adopted by the City and administered by the Bureau of Code Compliance and Inspections. The City Fire Code administered by the Fire Bureau (fire marshal's office) also applies and contains similar requirements.

## **Smoke Alarm requirements:**

### **Types:**

- All single station smoke alarms are required to be U/L 217 listed.
  - 10 year sealed lithium battery powered units for existing dwellings.
  - 110 Volt inter-connected with battery back-up.
  - Low voltage alarm units installed as part of a complete fire alarm system.

### **Exceptions:**

- Hard wired, inter-connected smoke alarms are not required unless removal of interior wall or ceiling finish exposes the structure or when an attic with walk up stairs, crawl space or basement provides access without the removal of interior finishes. (hardwired alarms shall be wired to the "Line or Hot" side of a normal lighting circuit or direct wired to the electrical panel.

### **Locations required:**

- In each room used for sleeping.
- Outside each sleeping area.
- One in each habitable room (dining rooms, living rooms and laundry rooms), basements and attics (with walk up stairs). Not required in kitchens and bathrooms.

Ceiling mounted smoke alarms are not to be closer than 4 inches to a wall; Wall mounted smoke alarms must be at least 4 inches down from the ceiling and not more than 12 inches to the top of the detector.

\*\* Smoke Alarms shall be installed per manufacturer's specifications

**Carbon Monoxide Alarm requirements:** These are required in residential dwelling units, when work is occurring that requires a permit and where fossil fuel fired appliances are used or there is an attached garage.

### **Types:**

- All single station carbon monoxide alarms are required to be listed to U/L 2034 and installed outside the sleeping areas (on each floor) in accordance with manufactures' installation instructions.

**Reference: City Code Chapters 116; 142 and 223.**