

ONTARIO BUILDING CODE

9.33.4.1. Application

- (1) This subsection applies to every building that,
 - (a) contains a residential occupancy, and
 - (b) contains a fuel-burning appliance or a storage garage.

9.33.4.2. Location of Carbon Monoxide Alarms

- (1) Where a fuel-burning appliance is installed in a suite of residential occupancy, a carbon monoxide alarm shall be installed adjacent to each sleeping area in the suite.
- (2) Where a fuel-burning appliance is installed in a service room that is not in a suite of residential occupancy, a carbon monoxide alarm shall be installed,
 - (a) adjacent to each sleeping area in every suite of residential occupancy that is adjacent to the service room, and
 - (b) in the service room.
- (3) Where a storage garage is located in a building containing a residential occupancy, a carbon monoxide alarm shall be installed adjacent to each sleeping area in every suite of residential occupancy that is adjacent to the storage garage.
- (4) Where a storage garage serves only the dwelling unit to which it is attached or built in, a carbon monoxide alarm shall be installed adjacent to each sleeping area in the dwelling unit.

9.33.4.3. Installation and Conformance to Standards

- (1) The carbon monoxide alarm required by Article 9.33.4.2. shall,
 - (a) except as permitted by sentence (2), be permanently connected to an electrical circuit and shall have no disconnect switch between the overcurrent device and the carbon monoxide alarm,
 - (b) be wired so that its activation will activate all carbon monoxide alarms within suite, where

located adjacent within a suite of residential occupancy,

- (c) be equipped with an alarm that is audible within bedrooms when the intervening doors are closed, where located adjacent to a sleeping area, and
- (d) conform to,
 - (i) CAN/CSA6.19, "Residential Carbon Monoxide Alarming Devices", or
 - (ii) UL 2034, "Single and Multiple Station Carbon Monoxide Alarms."

OBJECTIVE

The regulations require the installation of carbon monoxide alarms where a fuel burning appliance, including a gas appliance (ie. Heating furnaces, fireplaces etc.)

- is installed in a suite of residential occupancy or
- is installed in a service room that is not in a suite of residential occupancy or,

a storage garage that:

- is located in a building containing a residential occupancy or
- is attached and serves only the dwelling.

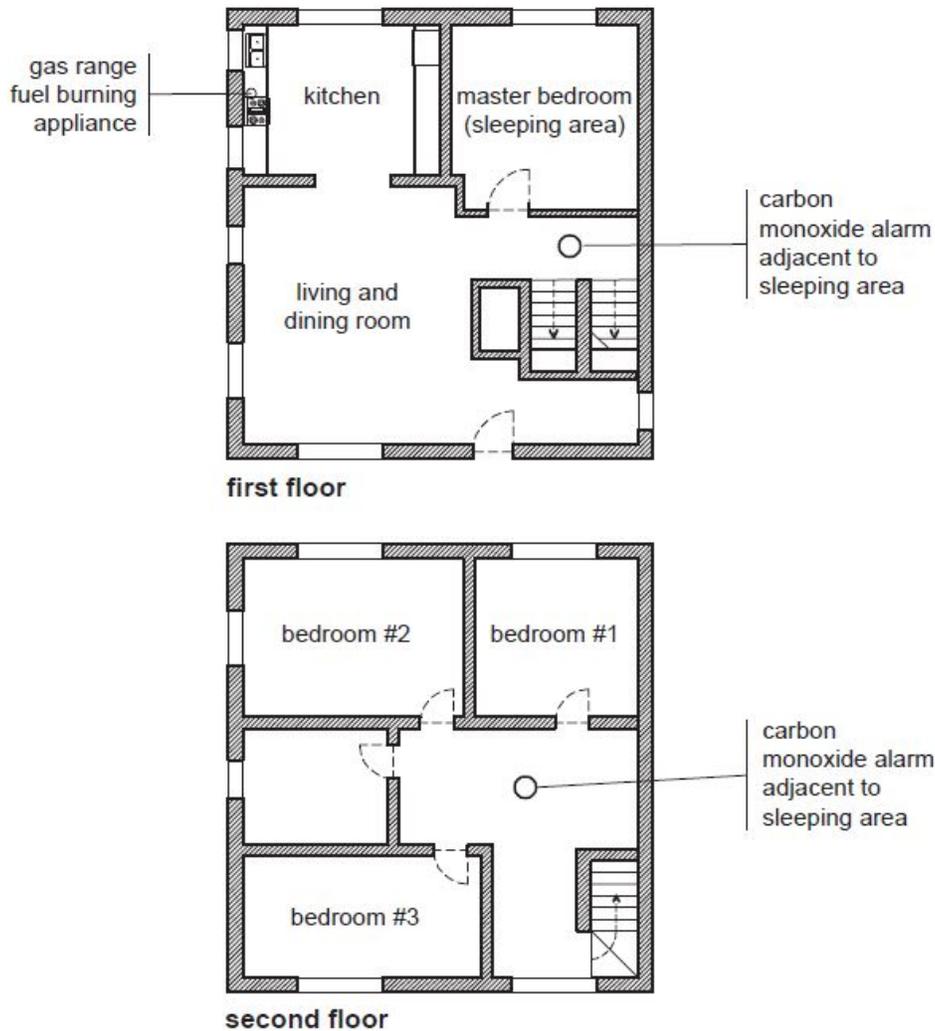
Where a fuel burning appliance is installed in a residential building, the carbon monoxide alarm must be installed adjacent to each sleeping area and if the fuel burning appliance is installed in a service room, an additional carbon monoxide alarm must be installed in that room.

When an attached garage is present in a building of residential occupancy or a dwelling unit, the carbon monoxide alarm must be installed adjacent to each sleeping area in a suite and adjacent to a sleeping area in a dwelling unit.

Carbon monoxide alarms shall be permanently connected to an electric circuit and activate an audible alarm. Carbon monoxide alarms shall be certified and conform with the applicable building code standard.

It is common practice to install a combination smoke alarm and carbon monoxide alarm as one unit. In such case the unit must conform to the smoke alarm standard and the carbon monoxide alarm standard.

Carbon monoxide alarms must be 'hard' wired where more than one alarm is installed in a suite. Alarms utilizing wireless technology for interconnection is not permitted under the Building Code.



Plan