

CHAPTER 9 FIRE PROTECTION SYSTEMS

SECTION 915.1.4 2015 Edition IFC INTERPRETATION 51-19 Issued: 03-20-20 FL_15_51_19

915.1.4 Fuel-burning appliances outside of dwelling units, sleeping units and classrooms. Carbon monoxide detection shall be provided in *dwelling units*, *sleeping units* and classrooms located in buildings that contain fuel-burning appliances or fuel-burning fireplaces.

Exceptions:

1. Carbon monoxide detection shall not be required in *dwelling units*, *sleeping units* and classrooms where there are no communicating openings between the fuel-burning appliance or fuel-burning fireplace and the *dwelling unit*, *sleeping unit* or classroom.
2. Carbon monoxide detection shall not be required in *dwelling units*, *sleeping units* and classrooms where carbon monoxide detection is provided in one of the following locations:
 - 2.1. In an approved location between the fuel-burning appliance or fuel-burning fireplace and the *dwelling unit*, *sleeping unit* or classroom.
 - 2.2. On the ceiling of the room containing the fuel-burning appliance or fuel-burning fireplace.

REFERENCED SECTION:

202 GENERAL DEFINITIONS

[BG] SLEEPING UNIT. A room or space in which people sleep, which can also include permanent provisions for living, eating, and either sanitation or kitchen facilities but not both. Such rooms and spaces that are also part of a *dwelling unit* are not sleeping units.



Q: Given a hotel suite with a separate sleeping room with an intervening door, and where the living room contains a pull-out sleeper sofa, is the living room considered a sleeping unit thus requiring its own carbon monoxide alarm, assuming no other carbon monoxide detection exists elsewhere in the hotel?

A: No. A hotel suite with only one designated bedroom and a living room would constitute a single sleeping unit. The presence of a sleeper sofa in the living room does not warrant classification as two distinct sleeping units. The occupants of a typical hotel suite share the same overall space and atmosphere not otherwise provided between adjacent sleeping units in a Group R-1 occupancy. Such hotel suites are also not considered to be separate sleeping units with respect to the separation requirements regulated by Section 420.2 of the *International Building Code*. Therefore, an additional carbon monoxide alarm device due to the sleeper sofa in the living room is not required.