

2018 Addendum to the Fire Code & Building Code

Background:

During the 2018 code review process, the following two amendments were passed by the Fire Code Technical Committee. During the review of final proposed codes, the **Executive Committee** of the **Central Iowa Code Consortium** discovered that these amendments should have been reviewed by the joint Fire and Building Code Technical Committee. The Executive Committee decided that these amendments could not be included with the final proposed codes because they were not reviewed by the correct committee. In lieu of disregarding the amendments altogether, the Executive Committee voted to include them as an addendum for both the Fire and Building Codes to allow each community to decide independently whether or not these amendments should be included.

The **Executive Committee** of the **Central Iowa Code Consortium** does recognize the following as amendments for consideration:

Insert New Code Section: IFC 907.2.10 (correlation IBC 907.2.10) (note, this section was included in the 2015 IFC and the Fire Code Committee voted to keep it, rather than delete it as it was deleted in the 2018 IFC. Communities adopting this section will need to renumber Section 907 of the IFC & IBC as this section number was reused in 2018 IFC & IBC)

Insert the following language:

907.2.10 Group R-4. Fire alarm systems and smoke alarms shall be installed in Group R-4 occupancies as required in Sections 907.2.10.1 through 907.2.10.3.

907.2.10.1 Manual fire alarm system. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group R-4 occupancies.

Exceptions:

1. A manual fire alarm system is not required in buildings not more than two stories in height where all individual *sleeping units* and contiguous attic and crawl spaces to those units are separated from each other and public or common areas by not less than 1-hour *fire partitions* and each individual *sleeping unit* has an *exit* directly to a *public way, egress court* or yard.
2. Manual fire alarm boxes are not required throughout the building where all of the following conditions are met:
 - 2.1. The building is equipped throughout with an *automatic sprinkler system* installed in accordance with Section 903.3.1.1 or 903.3.1.2.
 - 2.2. The notification appliances will activate upon sprinkler water flow.

2.3. Not fewer than one manual fire alarm box is installed at an *approved* location.

3. Manual fire alarm boxes in resident or patient sleeping areas shall not be required at *exits* where located at all nurses' control stations or other constantly attended staff locations, provided such stations are visible and continuously accessible and that the distances of travel required in Section 907.4.2.1 are not exceeded.

907.2.10.2 Automatic smoke detection system. An automatic smoke detection system that activates the occupant notification system in accordance with Section 907.5 shall be installed in *corridors*, waiting areas open to *corridors* and *habitable spaces* other than *sleeping units* and kitchens.

Exceptions:

1. Smoke detection in *habitable spaces* is not required where the facility is equipped throughout with an *automatic sprinkler system* installed in accordance with Section 903.3.1.1.
2. An automatic smoke detection system is not required in buildings that do not have interior *corridors* serving *sleeping units* and where each *sleeping unit* has a *means of egress* door opening directly to an *exit* or to an exterior *exit access* that leads directly to an exit.

907.2.10.3 Smoke alarms. Single- and multiple-station smoke alarms shall be installed in accordance with Section 907.2.11.

Insert New Code Section: IFC 901.4.6.5 (correlation IBC 902.1.5)

Insert the following language:

901.4.6.5 Temperature Sensors. Provide a low temperature sensor in the sprinkler riser room to be monitored to prevent freezing.