



## DEPARTMENT OF ADMINISTRATIVE SERVICES

### PROPOSED CHANGE OF THE CONNECTICUT STATE BUILDING CODE AND FIRE SAFETY CODE

DATE SUBMITTED: March 13, 2024

#### CODE INFORMATION

Proposed change to:  Building Code  Fire Safety Code

Code section(s): International Fire Code Chapter 9 Fire Protection and Life Safety Systems  
907.2.11.2.2.1 During Construction

#### PROPOSER INFORMATION

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#### PROPOSAL INFORMATION

Description of change and reason for change (attach additional information as needed):

Require smoke detection in all occupied Residential occupancies during alterations or additions

Proposed text change, addition or deletion (attach additional information as needed):

See attached

Supporting data and documents (attach additional information as needed)

See attached

**This Proposal is original material.** (Note: Original material is considered to be the submitter's own idea based on or as a result of his/her own experience, thought or research and, to the best of his/her knowledge, is not copied from another source.)

**This Comment is not original material, its source (if known) is as follows:** (such as material / code development proposal from a prior development cycle or proposal submitted to model code committee etc.)

**I would like to make an in-person presentation of my proposal.**

#### Release

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Proponent's Signature

Andrew W Franklin

Printed Name

PLEASE EMAIL (PREFERRED) TO [DAS.CodesStandards@CT.GOV](mailto:DAS.CodesStandards@CT.GOV) OR MAIL OR FAX (SEE BELOW)

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12/29/16

March 13, 2024

Codes Amendment Subcommittee  
Department of Administrative Services  
Office of the State Building Inspector  
450 Columbus Boulevard  
Hartford, CT 06103

RE: 2025 Connecticut Code Adoption Code Change Proposal

**The International Fire Safety Code Chapter 9 Fire Protection and Life Safety Systems**  
**907.2.11.2.2.1 During Construction requirement to maintain smoke and carbon dioxide detection should apply to all residential occupancies.**

The 2021 International Fire Safety Code as adopted by the State of Connecticut contains the requirement under 907.2.11.2.2.1 During Construction that “whenever a single-family or two-family dwelling is occupied during interior alterations or additions requiring a building permit, the temporary installation of battery-operated smoke alarms shall be required in the vicinity of such alterations or additions for the duration of the construction activities” pursuant to CGS 29-315b.

In a single-family residential occupancy where interior alterations or additions are conducted, smoke alarms are required in the same dwelling where occupants remain. In the case of a two family dwelling (with two separate living units for clarity purposes), smoke alarms are required in the vicinity of such alterations as long as either unit remains occupied. Included is the case where the alterations or additions are in one unit and occupants remain in the other unit. In the two family case, the presence of smoke alarms could notify the occupants in the adjacent unit providing early warning of an emergency and the need to evacuate.

Similarly, code should protect all R occupancies during interior alterations or additions when the building remains occupied. Whenever a unit or space of any residential occupancy remains occupied during interior alterations or additions requiring a building permit in any other area or unit of the building, the temporary installation of battery-operated smoke alarms should be required in the vicinity of such alterations or additions for the duration of the construction activities. This would require smoke alarms to remain in an unoccupied area or unit when any other unit in the building remains occupied providing detection and early warning in the event of an emergency.

Therefore, Connecticut should adopt, as an addition to the 2024 International Fire Code, the following or similar as deemed appropriate by the Committee:

**[907.2.11.2.2.2 During Construction other than Single or Two-Family.]** Whenever a residential occupancy other than a single-family or two-family dwelling is occupied during interior alterations or additions requiring a building permit, the temporary

installation of battery-operated smoke alarms shall be required in the vicinity of such alterations or additions for the duration of the construction activities. A combined smoke and carbon monoxide alarm may be installed to comply with Section 915.8 and this section.]

Respectfully Submitted,



**Andrew W Franklin**

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