

DEPARTMENT OF ADMINISTRATIVE SERVICES

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

DATE SUBMITTED: 5-26-21

CODE INFORMATION

Proposed change to: ☐ Building Code ☒ Fire Safety Code

Code section(s): 1207.5.4

PROPONENT INFORMATION

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Street Address

Town

State

Zip Code

PROPOSAL INFORMATION

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

Delete reference to radiant energy sensing. See Attached.

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

Delete reference to radiant energy sensing. See Attached.

Supporting data and documents (attach additional information as needed)

See attached.

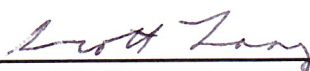
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☐ **This Comment is not original material, its source (if known) is as follows:** (such as material / code development proposal from a prior development cycle or proposal submitted to model code committee etc.)

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Proponent's Signature

Scott Lang
Printed Name

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12/29/16

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

For indoor areas, only smoke detection systems (preferably high sensitivity smoke detection systems) listed to UL 268 can provide the early warning necessary in ESS installations. High sensitivity smoke detectors can detect incipient smoke conditions that are indicative of problems within the ESS. The smoke detectors can then be used to trigger suppression systems. Radiant energy detectors cannot be considered early warning because they rely on an open flame condition. In outdoor applications, smoke detectors are not typically used and other technologies must be used.

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

1207.5.4 Fire detection. An approved automatic smoke detection system ~~or radiant energy-sensing fire detection system~~ complying with Section 907.2 shall be installed in rooms, indoor areas, and walk-in units containing electrochemical ESS. An approved radiant energy -sensing fire detection system shall be installed to protect open parking garage and rooftop installations. Alarm signals from detection systems shall be transmitted to a central station, proprietary or remote station service in accordance with NFPA 72, or where approved to a constantly attended location.

Supporting data and documents (attach additional information as needed)