



General Assembly

February Session, 2018

***Raised Bill No. 5228***

LCO No. 1262



Referred to Committee on PUBLIC SAFETY AND SECURITY

Introduced by:  
(PS)

***AN ACT REQUIRING CARBON MONOXIDE DETECTION AND  
WARNING EQUIPMENT IN CERTAIN BUSINESSES.***

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. Section 29-292 of the general statutes is repealed and the  
2 following is substituted in lieu thereof (*Effective January 1, 2019*):

3 (a) (1) The State Fire Marshal and the Codes and Standards  
4 Committee shall adopt and administer a Fire Safety Code and at any  
5 time may amend the [same] code in accordance with the provisions of  
6 section 29-292a. The code shall be based on a nationally recognized  
7 model fire code and shall be revised as deemed necessary to  
8 incorporate advances in technologies and improvements in  
9 construction materials and any subsequent revisions to the code not  
10 later than eighteen months following the date of first publication of  
11 such revisions to the code, unless the State Fire Marshal and the  
12 committee certify that a revision is not necessary for such purpose. The  
13 regulations in said code shall provide for reasonable safety from fire,  
14 smoke and panic therefrom, in all buildings and areas adjacent thereto  
15 except in private dwellings occupied by one or two families and upon

16 all premises, and shall include provision for (A) carbon monoxide  
17 detection and warning equipment in (i) new residential buildings not  
18 exempt under regulations adopted pursuant to this subsection and  
19 designed to be occupied by one or two families for which a building  
20 permit for new occupancy is issued on or after October 1, 2005, [and]  
21 (ii) all public or nonpublic school buildings, and (iii) all mercantile  
22 business buildings not exempt under regulations adopted pursuant to  
23 this subsection, and (B) smoke detection and warning equipment in (i)  
24 residential buildings designed to be occupied by two or more families,  
25 (ii) new residential buildings designed to be occupied by one family  
26 for which a building permit for new occupancy is issued on or after  
27 October 1, 1978, requiring equipment complying with the Fire Safety  
28 Code, and (iii) new residential buildings designed to be occupied by  
29 one or more families for which a building permit for new occupancy is  
30 issued on or after October 1, 1985, requiring equipment capable of  
31 operation using alternating current and batteries. For the purposes of  
32 this section, "mercantile business building" means a building or  
33 structure described as "Mercantile Group M" in the State Fire  
34 Prevention Code.

35 (2) Said regulations shall provide the requirements for markings  
36 and literature which shall accompany such equipment sufficient to  
37 inform the occupants and owners of such buildings of the purpose,  
38 protective limitations and correct installation, operating, testing,  
39 maintenance and replacement procedures and servicing instructions  
40 for such equipment and shall require that smoke detection and  
41 warning equipment which is installed in such residential buildings  
42 shall be capable of sensing visible or invisible smoke particles, that the  
43 manner and location of installing smoke detectors shall be approved  
44 by the local fire marshal or building official, that such installation shall  
45 not exceed the standards under which such equipment was tested and  
46 approved and that such equipment, when activated, shall provide an  
47 alarm suitable to warn the occupants, provided each hotel, motel or  
48 inn shall install or furnish such equipment which, when activated,  
49 shall provide a visible alarm suitable to warn occupants, in at least one

50 per cent of the units or rooms in such establishment having one  
51 hundred or more units or rooms and in establishments having less  
52 than one hundred units or rooms, it shall install or furnish at least one  
53 such alarm.

54 (3) Said regulations shall (A) provide the requirements and  
55 specifications for the installation and use of carbon monoxide detection  
56 and warning equipment and shall include, but not be limited to, the  
57 location, power requirements and standards for such equipment and  
58 exemptions for buildings that do not pose a risk of carbon monoxide  
59 poisoning due to sole dependence on systems that do not emit carbon  
60 monoxide; (B) provide the requirements for testing and inspecting  
61 carbon monoxide detection and warning equipment installed in public  
62 or nonpublic school buildings and mercantile business buildings and  
63 shall include, but not be limited to, the frequency with which such  
64 equipment shall be tested and inspected; (C) require that, for a public  
65 or nonpublic school building or a mercantile business building, (i) any  
66 carbon monoxide detection equipment installed in any such building  
67 meet or exceed Underwriters Laboratories Standard Number 2075, or  
68 (ii) any carbon monoxide warning equipment installed in any such  
69 building meet or exceed Underwriters Laboratories Standard Number  
70 2034; (D) require the installation and maintenance of such detection or  
71 warning equipment to comply with the manufacturer's instructions  
72 and with the standards set forth by the National Fire Protection  
73 Association; and (E) prohibit, for public and nonpublic school  
74 buildings for which a building permit for new occupancy is issued on  
75 or after January 1, 2012, and for mercantile business buildings for  
76 which a building permit for new occupancy is issued on or after  
77 January 1, 2019, the installation of any battery-operated carbon  
78 monoxide warning equipment or any plug-in carbon monoxide  
79 warning equipment that has a battery as its back-up power source.

80 (b) (1) No certificate of occupancy shall be issued for any residential  
81 building designed to be occupied by two or more families, or any new  
82 residential building designed to be occupied by one or more families  
83 for which a building permit for new occupancy is issued on or after

84 October 1, 1978, unless the local fire marshal or building official has  
85 certified that such building is equipped with smoke detection and  
86 warning equipment complying with the Fire Safety Code.

87 (2) No certificate of occupancy shall be issued for any (A) new  
88 residential building not exempt under regulations adopted pursuant to  
89 subsection (a) of this section and designed to be occupied by one or  
90 two families for which a building permit for new occupancy is issued  
91 on or after October 1, 2005, [or] (B) public or nonpublic school building  
92 for which a building permit for new occupancy is issued on or after  
93 January 1, 2012, or (C) mercantile business building for which a  
94 building permit for new occupancy is issued on or after January 1,  
95 2019, unless the local fire marshal or building official has certified that  
96 such residential, [or] school or mercantile business building is  
97 equipped with carbon monoxide detection and warning equipment  
98 complying with the Fire Safety Code.

99 (c) (1) No municipality, local or regional board of education, or  
100 supervisory agent of a nonpublic school, and (2) no employee, officer  
101 or agent of such municipality, board of education or supervisory agent  
102 acting without malice, in good faith and within the scope of his or her  
103 employment or official duties shall be liable for any damage to any  
104 person or property resulting from the failure to detect carbon  
105 monoxide within a public school building, provided carbon monoxide  
106 detection equipment is installed and maintained in accordance with  
107 the manufacturer's published instructions and with the regulations  
108 established pursuant to this section.

This act shall take effect as follows and shall amend the following sections:		
Section 1	January 1, 2019	29-292

**Statement of Purpose:**

To promote the safety of workers and customers of certain businesses by ensuring that such businesses are equipped with carbon monoxide detection and warning equipment.

*[Proposed deletions are enclosed in brackets. Proposed additions are indicated by underline, except that when the entire text of a bill or resolution or a section of a bill or resolution is new, it is not underlined.]*