



Bureau of Fire Prevention – Boiler Safety Section
Chief Boiler Inspector: David Warburton

Effective August 10, 2021 – Carbon Monoxide Detectors

Violation Code 21 - 9.3.6

Short Description: 21 - CARBON MONOXIDE DETECTOR REQUIRED

Full Description:

REF: FL BOILER CODE 69A-70.010(1-3) SUB SECTION 509.211 (4) - EVERY ENCLOSED SPACE OR ROOM THAT CONTAINS A BOILER REGULATED UNDER CHAPTER 554 WHICH IS FIRED BY THE DIRECT APPLICATION OF ENERGY FROM THE COMBUSTION OF FUELS AND THAT IS LOCATED IN ANY PORTION OF A PUBLIC LODGING ESTABLISHMENT THAT ALSO CONTAINS SLEEPING ROOMS SHALL BE EQUIPPED WITH ONE OR MORE CARBON MONOXIDE DETECTOR DEVICES THAT ARE LISTED AS COMPLYING WITH THE UNDERWRITERS LABORATORIES INC., ANSI/UL 2075, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, NFPA 720, UL2017. (3) THE REQUIREMENTS HEREIN ARE IN ADDITION TO THE REQUIREMENT IMPOSED BY SUBSECTION 509.211(4), F.S, THAT STATES DEVICES SHALL BE INTERGRATED WITH THE PUBLIC LODGING ESTABLISHMENT'S FIRE DETECTION SYSTEM OR CONNECTED TO A CONTROL UNIT OR COMBINATION SYSTEM THAT WILL PREVENT THE BOILER FROM OPERATING UNTIL IT IS RESET MANUALLY.

Corrective Action:

Violation Code: 21 - 9.3.6.1

Short Description: 21 - CARBON MONOXIDE INSTALLATION FORM REQUIRED

Full Description:

REF: FL BOILER CODE 69A-70.010(4) - BUSINESS OWNERS WITH BOILERS REQUIRED TO BE INSPECTED IN ACCORDANCE WITH THE BOILER SAFETY ACT, CHAPTER 554, FLORIDA STATUTES, MUST POST IN THE BOILER ROOM THE "CERTIFICATE OF CARBON MONOXIDE DETECTOR INSTALLATION FORM." MUST BE SIGNED BY A STATE-LICENSED ALARM SYSTEM CONTRACTOR, A STATE-CERTIFIED ELECTRICAL CONTRACTOR, OR A STATE-LICENSED BOILER INSTALLER INDICATING THE REQUIRED DETECTOR HAS BEEN INSTALLED AND HAS BEEN INTERGRATED WITH THE PUBLIC LODGING ESTABLISHMENT'S FIRE DETECTION SYSTEM OR BOILER SAFETY CIRCUIT AS DESCRIBED AND REQUIRED BY THIS RULE.

Corrective Action:

Carbon Monoxide Detector Must Shut Down All Boilers When 35 ppm is Detected

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Select Year:

The 2021 Florida Statutes

Title XXXIII
REGULATION OF TRADE, COMMERCE,
INVESTMENTS, AND SOLICITATIONS

Chapter 509
LODGING AND FOOD SERVICE
ESTABLISHMENTS; MEMBERSHIP
CAMPGROUNDS

[View
Entire
Chapter](#)

509.211 Safety regulations.—

(1) Each bedroom or apartment in each public lodging establishment shall be equipped with an approved locking device on each door opening to the outside, to an adjoining room or apartment, or to a hallway.

(2)(a) It is unlawful for any person to use within any public lodging establishment or public food service establishment any fuel-burning wick-type equipment for space heating unless such equipment is vented so as to prevent the accumulation of toxic or injurious gases or liquids.

(b) Any person who violates the provisions of paragraph (a) commits a misdemeanor of the second degree, punishable as provided in s. [775.082](#) or s. [775.083](#).

(3) Each public lodging establishment that is three or more stories in height must have safe and secure railings on all balconies, platforms, and stairways, and all such railings must be properly maintained and repaired. The division may impose administrative sanctions for violations of this subsection pursuant to s. [509.261](#).

(4) Every enclosed space or room that contains a boiler regulated under chapter 554 which is fired by the direct application of energy from the combustion of fuels and that is located in any portion of a public lodging establishment that also contains sleeping rooms shall be equipped with one or more carbon monoxide detector devices that are listed as complying with the American National Standards Institute/Underwriters Laboratories, Inc., "Standard for Gas and Vapor Detectors and Sensors," ANSI/UL 2075, by a nationally recognized testing laboratory accredited by the Occupational Safety and Health Administration, unless it is determined that carbon monoxide hazards have otherwise been adequately mitigated as determined by the local fire official or his or her designee. Such devices shall be integrated with the public lodging establishment's fire detection system. Any such installation shall be made in accordance with rules adopted by the Division of State Fire Marshal. In lieu of connecting the carbon monoxide detector device to the fire detection system as described in this subsection, the device may be connected to a control unit that is listed as complying with the Underwriters Laboratories, Inc., "Standard for General-Purpose Signaling Devices and Systems," UL 2017, or a combination system that is listed as complying with the National Fire Protection Association "Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment," NFPA 720. The control unit or combination system must be connected to the boiler safety circuit in such a manner that the boiler is prevented from operating when carbon monoxide is detected until it is reset manually.

History.—s. 5, ch. 1999, 1874; RS 874; GS 1232; ss. 17-23, ch. 6952, 1915; RGS 2137-2143, 2356; s. 7, ch. 9264, 1923; CGL 3366-3372, 3760; ss. 19-25, 41, ch. 16042, 1933; CGL 1936 Supp. 3366-3372; ss. 3-5, ch. 23930, 1947; s. 10, ch. 26484, 1951; s. 3, ch. 28129, 1953; s. 4, ch. 29821, 1955; s. 7, ch. 57-389; s. 1, ch. 63-67; s. 1, ch. 63-312; s. 1, ch. 63-426; s. 7, ch. 65-421; s. 1, ch. 65-150; ss. 1, 2, ch. 67-232; ss. 16, 35, ch. 69-106; ss. 1, 2, ch. 70-281; s. 478, ch. 71-136; ss. 2, 4, 13, ch. 71-157; s. 191, ch. 71-377; s. 17, ch. 73-325; s. 3, ch. 76-168; s. 6, ch. 76-252; s. 1, ch. 77-457; s. 9, ch. 78-95; ss. 16, 39, 42, ch. 79-240; ss. 3, 4, ch. 81-161; ss. 2, 3, ch. 81-318; s. 12, ch. 83-145; s. 6, ch. 86-174; s. 2, ch. 90-242; ss. 20, 51, 52, ch. 90-339; s. 6, ch. 91-40; s. 4, ch. 91-429; s. 1, ch. 2007-181; s. 5, ch. 2008-55; s. 39, ch. 2010-106; s. 9, ch. 2016-132.

Note.—Former ss. 510.05, 511.18-511.24.

Certificate of Carbon Monoxide Detector Installation

ESTABLISHMENT INFORMATION		
Operator/Licensee Name	DBPR License Number	
Mailing Address		
Mailing City	Mail State	Mail Zip Code
Establishment Name (DBA)		
Location Address		
Location City	Location County	Location Zip Code
Date of Detector Installation		
Boiler jurisdiction number(s) for each boiler located in the room with the detector described below:		
CARBON MONOXIDE DETECTOR INSTALLATION		
<p style="text-align: center;"><i>This section must be completed by a state-licensed alarm system contractor, a state-certified unlimited electrical contractor, or a state-licensed boiler installer.</i></p> <p>_____ The carbon monoxide detector required under subsection 509.211(4), Florida Statutes, has been installed and integrated with the public lodging establishment's fire detection system.</p> <p>_____ The carbon monoxide detector required under subsection 509.211(4), Florida Statutes, has been connected to a control unit or combination system that will prevent the boiler from operating until it is reset manually.</p> <p>The installation was made by _____, who is a state-licensed alarm system contractor, a state-certified unlimited electrical contractor, or a state-licensed boiler installer.</p> <p>License Number: _____ License Expiration Date: _____</p> <p>Signature of contractor or installer and date signed: _____</p>		
<p><i>This document must be posted in the boiler room.</i></p>		