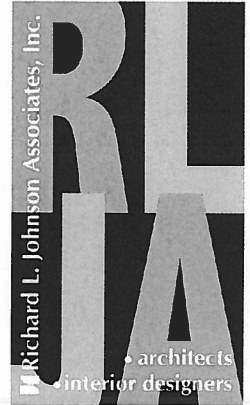


**THINGS YOU SHOULD KNOW ABOUT THE  
CARBON MONOXIDE ALARMS - PUBLIC ACT 099-0470**

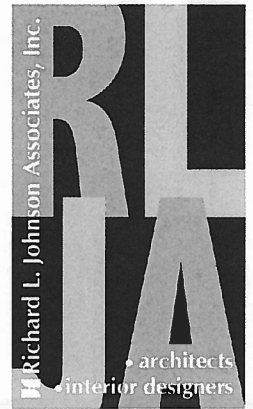


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1. Law takes effect January 1, 2016
2. No completion time has been issued but it would be good practice to have them installed by December 31, 2016 if not sooner.
3. Carbon Monoxide Alarm - Stand alone local alarm
4. Carbon Monoxide Detector - Does not alarm locally but is tied into the buildings fire alarm system.
5. Buildings designed before January 1, 2016 are permitted to use battery operated Carbon Monoxide Alarms or plug-in type with battery back-up. Devices must be UL labeled.
6. Buildings designed after January 1, 2016 should have Carbon Monoxide Detectors that are tied into the fire alarm system or Carbon Monoxide Alarms that are permanently tied into the buildings electrical system.
7. Carbon Monoxide Alarms or Detectors to be installed within 20 feet of a carbon monoxide emitting device.
8. Typical mounting heights should be 4 to 6 feet above the floor.
9. Devices should be tested annually.
10. Schools must require plans, protocols and procedures in response to the activation of a carbon monoxide alarm or carbon monoxide detection system.
11. The Office of the State Fire Marshall is currently working on the rules that will govern this Law.

**EXAMPLES OF CARBON MONOXIDE SOURCES INCLUDE BUT  
ARE NOT LIMITED TO THE FOLLOWING:**

1. Fuel fired heating systems like boilers, indoor heating/ventilation units, outdoor roof top units, outdoor ground units and make-up air units.
2. Multi-Zone gas fire systems serving multiple rooms require devices in each room or in the ductwork within the 20 foot requirement.
3. Interior emergency generators.
4. Fuel fired kitchen equipment like ranges, ovens, steamers and dishwashers.
5. Fuel fired domestic water heaters.
6. Lab and Shop equipment such as gas outlets in science rooms, torches in welding labs, gas fired kilns, stationary or portable engines in an auto shop.
7. Maintenance operations such as a propane powered floor machine.
8. Any fuel burning piece of equipment.



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**Public Act 099-0470**

HB0152 Enrolled

LRB099 03752 NHT 23765 b

AN ACT concerning education.

**Be it enacted by the People of the State of Illinois,  
represented in the General Assembly:**

Section 5. The School Code is amended by adding Sections 10-20.56 and 34-18.49 as follows:

(105 ILCS 5/10-20.56 new)

Sec. 10-20.56. Carbon monoxide alarm required.

(a) In this Section:

"Approved carbon monoxide alarm" and "alarm" have the meaning ascribed to those terms in the Carbon Monoxide Alarm Detector Act.

"Carbon monoxide detector" and "detector" mean a device having a sensor that responds to carbon monoxide gas and that is connected to an alarm control unit and approved in accordance with rules adopted by the State Fire Marshal.

(b) A school board shall require that each school under its authority be equipped with approved carbon monoxide alarms or carbon monoxide detectors. The alarms must be powered as follows:

(1) For a school designed before the effective date of this amendatory Act of the 99th General Assembly, alarms powered by batteries are permitted. In accordance with Section 17-2.11 of this Code, alarms permanently powered by the building's electrical system and monitored by any required fire alarm system are also permitted. Fire prevention and safety tax levy proceeds or bond proceeds may be used for alarms.

(2) For a school designed on or after the effective date of this amendatory Act of the 99th General Assembly, alarms must be permanently powered by the building's electrical system or be an approved carbon monoxide detection system. An installation required in this subdivision (2) must be monitored by any required fire alarm system.

Alarms or detectors must be located within 20 feet of a carbon monoxide emitting device. Alarms or detectors must be in operating condition and be inspected annually. A school is exempt from the requirements of this Section if it does not have or is not close to any sources of carbon monoxide. A school must require plans, protocols, and procedures in response to the activation of a carbon monoxide alarm or carbon monoxide detection system.

(105 ILCS 5/34-18.49 new)

Sec. 34-18.49. Carbon monoxide alarm required.

(a) In this Section:

"Approved carbon monoxide alarm" and "alarm" have the meaning ascribed to those terms in the Carbon Monoxide Alarm

Detector Act.

"Carbon monoxide detector" and "detector" mean a device having a sensor that responds to carbon monoxide gas and that is connected to an alarm control unit and approved in accordance with rules adopted by the State Fire Marshal.

(b) The board shall require that each school under its authority be equipped with approved carbon monoxide alarms or carbon monoxide detectors. The alarms must be powered as follows:

(1) For a school designed before the effective date of this amendatory Act of the 99th General Assembly, alarms powered by batteries are permitted. Alarms permanently powered by the building's electrical system and monitored by any required fire alarm system are also permitted.

(2) For a school designed on or after the effective date of this amendatory Act of the 99th General Assembly, alarms must be permanently powered by the building's electrical system or be an approved carbon monoxide detection system. An installation required in this subdivision (2) must be monitored by any required fire alarm system.

Alarms or detectors must be located within 20 feet of a carbon monoxide emitting device. Alarms or detectors must be in operating condition and be inspected annually. A school is exempt from the requirements of this Section if it does not have or is not close to any sources of carbon monoxide. A school must require plans, protocols, and procedures in response to the activation of a carbon monoxide alarm or carbon monoxide detection system.

Section 99. Effective date. This Act takes effect January 1, 2016.

**Effective Date: 1/1/2016**