



Monthly Topic: Carbon Monoxide Detection in Schools

Does your kid's school have carbon monoxide detectors?

Across the United States there are only a few states that have carbon monoxide codes for schools. Unfortunately it takes a catastrophic accident before school officials, government officials, safety personnel, and parents take the necessary action to ensure students and staff are safe in schools. Just recently the State of New York and Illinois have reacted quickly to drive new code requirements for carbon monoxide detection in schools. Should you wait before an accident occurs in your state, your city, your district, or your school to do something?



- The cost of a child's safety. You can't put a price tag on that," [Article](#)
- "Either you sincerely care about the health and safety of our students and staff or you don't," he said. "If you do care, then it is about damn time you showed it." [Article](#)
- Right now, there's only one way for you to make sure your kids are protected. Call your school and ask if its got CO detectors. [Article](#)
- "The only positive side, if there is a positive side, is that other schools will be protected from such an incident going forward because of what was learned." [Article](#)
- Nicknamed the **"Silent Killer"**, Carbon Monoxide it is a colorless, odorless, and tasteless gas that is produced as a by-product of incomplete combustion of carbon-based fuels such as natural gas, liquefied propane (LP) gas, kerosene, oil, gasoline, wood, or coal.

State School Codes

- California
- Connecticut
- Florida
- Georgia
- Maine
- Maryland
- Mississippi
- New Jersey
- New York
- South Carolina
- Virginia

CO Level in Air	Health Effects
0 ppm	Fresh Air
100 ppm	Slight headache after 1-2 hours.
200 ppm	Dizziness, headache, nausea after 2-3 hours.
400 ppm	Dizziness, headache, nausea after 1-2 hours / life threatening after 3 hours.
800 ppm	Dizziness, headache, nausea after 45 minutes, unconscious after 1 hour, death within 3 hours.
1,600 ppm	Dizziness, headache, nausea after 20 minutes, death within 2 hours.
3,200 ppm	Dizziness, headache, nausea after 10 minutes, death within 60 minutes.
6,400 ppm	Dizziness, headache, nausea after 1-2 minutes, death within 30 minutes.
12,800 ppm	Instantaneous effects, death within 3 minutes.

Macurco Gas Products

- [CM-1](#)
- [CM-E1](#)
- [CM-6](#)
- [CM-E1-FTG](#)

Gas in the News

- [Chicago – 100 Students Hospitalized](#)
- [179 Students checked by Paramedics](#)
- [Broken fan causes CO incident](#)
- [Deadly CO levels in Boston School](#)

Learn More

- [CO Training](#)
- [CO not Required in Schools](#)
- [CO Incidents by State](#)
- [CO NFPA](#)

Sources of potential dangers of gases in schools

- ✓ Boiler Rooms
- ✓ Kitchens
- ✓ Water Heaters
- ✓ Fireplaces
- ✓ Furnaces
- ✓ Generators
- ✓ Idling Vehicles
- ✓ Gas Ranges
- ✓ Gas Stoves
- ✓ Chemistry Labs
- ✓ Gas Ovens
- ✓ Bus Barns
- ✓ Auto Body Class
- ✓ Portable Heaters
- ✓ Loading Docks

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