

CT Foundation for Environmentally Safe Schools
A nonprofit organization dedicated to promoting policies, practices and resources that
protect school occupants from environmental health hazards
www.pollutionfreeschools.org

**MONITORING ADHERENCE TO CT
SCHOOL INDOOR ENVIRONMENTAL QUALITY LAWS**

The CT General Statutes contain laws dealing with the following school indoor environmental quality (IEQ) issues. For your school district to be in compliance with CT Law, all of the statements below should be true for your school as of August 2008.

School Bus Emissions

- School bus engines are not idled for more than three consecutive minutes when the bus is stopped, with limited exceptions.
- Full-sized school buses will be retrofitted with emissions-reducing equipment by September 1, 2010.

Pesticide Usage

- Only licensed applicators apply pesticides in the building or on the grounds of public schools, other than a regional vocational agriculture center, except in emergencies.
- Pesticides are not applied during school hours or planned events, except in emergencies.
- Restricted pesticides are not used, even in emergencies.
- Children are not allowed to reenter an area where pesticide was used until it is safe according to the specifications on the pesticide label.
- The school board provides parents, guardians and staff with a written statement at the beginning of the school year of the board's policy on pesticide application on school property and a description of any pesticide applications made at the school during the previous school year. (During the year for transfer students)
- The school board provides a registry at the school for parents, guardians and staff to sign up on who want to be notified before pesticides are sprayed.
- Pesticide application records are maintained on site for five years.
- Lawn-care pesticides are not used on the grounds of public and private schools with grades K-8, except in emergencies. (Athletic fields at these schools are exempted until July 1, 2009. Until then, these fields must be maintained by using Integrated Pest Management (IPM) methods. At the end of the two year period these athletic fields must become organic as well.)

Indoor Air Quality (IAQ) for all schools:

- Heating, ventilation and air conditioning (HVAC) systems are maintained in accordance with prevailing standards.
- HVAC systems are operated continuously while students and school staff occupy school facilities, with limited exceptions.
- The school board has adopted and implemented an IAQ program that provides for ongoing maintenance and facility reviews necessary for the maintenance and improvement of the IAQ of its facilities.

- The school board reports every two years to the State Commissioner of Education on the condition of its facilities and on actions taken to implement its IAQ program (The State Department of Education ED050 School Facilities form asks for an IAQ Rating for each school and an update on how specific IAQ issues have been addressed.)
- HVAC maintenance records are kept for at least 5 years.
- An IAQ Committee may be established for each school in order to address issues affecting the health of school occupants. A school safety committee established pursuant to section 10-220f of the general statutes is not prohibited from addressing IAQ issues that affect the health of occupants of school facilities.

IAQ for newer schools (constructed, extended, renovated or replaced after January 1, 2003):

- The school board has performed comprehensive inspections and evaluations , prior to January 1, 2008 and every five years thereafter, to detect environmental problems. HVAC and plumbing systems, radon levels, potential for exposure to microbial contaminants and chemical compounds, degree of pest infestation and pesticide usage, degree of moisture incursion, building cleanliness, building structural elements, use of space and the presence of and plans for removal of hazardous substances were reviewed and provision for IAQ maintenance training for staff was addressed.
- These inspection reports were made public at a Board of Education meeting.

IAQ for schools being constructed, extended or replaced:

- A Phase I environmental site assessment was completed
- The site is not in an area of moderate or high radon potential, unless construction techniques mitigate radon levels.
- New or replacement roofs have the required pitch and guarantees on materials and workmanship and are being built following correct construction practices.
- SMACNA or similar IAQ guidelines for construction during occupancy are being followed.
- The building maintenance staff is trained in plant operation, including HVAC systems and IAQ issues.
- **CT High Performance School Regulations and Guidelines** will be followed.

After January 1, 2009 all CT schools must be built or renovated to meet specified energy and environmental standards (Leadership in Energy and Environmental Design (LEED) Silver standard or its equivalent) if:

- the new construction project costs \$5 million or more and at least \$2 million of the funding comes from the state, or
- the renovation project costs \$2 million or more and at least \$2 million of the funding comes from the state

These schools must also exceed the current building code energy efficiency standards by at least 20%

Green Cleaning in STATE-OWNED schools, but not all public schools

- Only cleaning products that meet certain state-developed guidelines or environmental standards are being used. (Green Seal Certified products only)
- Cleaning products are being used that minimize potential harmful impact on human health and the environment to the maximum extent possible.