



General Assembly

January Session, 2001

**Raised Bill No. 1265**

LCO No. 4131

Referred to Committee on Environment

Introduced by:  
(ENV)

**AN ACT CONCERNING INDOOR ENVIRONMENTAL QUALITY IN SCHOOLS.**

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

1 Section 1. (NEW) As used in this section, sections 10-206, 10-220, 10-  
2 282, 10-283 and 10-291 of the general statutes, as amended by this act,  
3 and sections 8 to 10, inclusive, of this act:

4 (1) "School" means a public school, as defined in section 10-183b of  
5 the general statutes.

6 (2) "New school" means a school for which the plans have been  
7 approved by the state Department of Education in accordance with  
8 section 10-291 of the general statutes, as amended by this act, on or  
9 after October 1, 2001.

10 (3) "Indoor environmental quality" means the quality of facets of the  
11 environment that affect the health of the occupants of school facilities  
12 including, but not limited to, air quality, the presence of radon and  
13 water quality.

14 (4) "School activity hours" means the time of day in which students

15 or school personnel occupy school facilities.

16 (5) "HVAC system" means heating, ventilation and air conditioning  
17 system.

18 (6) "Bioaerosols" mean microbiological airborne particles including,  
19 but not limited to, fungi, mold and bacteria.

20 Sec. 2. Section 10-206 of the general statutes is repealed and the  
21 following is substituted in lieu thereof:

22 (a) Each local or regional board of education shall require each pupil  
23 enrolled in the public schools to have health assessments pursuant to  
24 the provisions of this section. Such assessments shall be conducted by  
25 a legally qualified practitioner of medicine, an advanced practice  
26 registered nurse or registered nurse, licensed pursuant to chapter 378,  
27 a physician assistant, licensed pursuant to chapter 370, or by the school  
28 medical advisor to ascertain whether such pupil is suffering from any  
29 physical disability tending to prevent such pupil from receiving the  
30 full benefit of school work and to ascertain whether such school work  
31 should be modified in order to prevent injury to the pupil or to secure  
32 for the pupil a suitable program of education. No health assessment  
33 shall be made of any child enrolled in the public schools unless such  
34 examination is made in the presence of the parent or guardian or in the  
35 presence of another school employee. The parent or guardian of such  
36 child shall receive prior written notice and shall have a reasonable  
37 opportunity to be present at such assessment or to provide for such  
38 assessment himself. A local or regional board of education may deny  
39 continued attendance in public school to any child who fails to obtain  
40 the health assessments required under this section.

41 (b) Each local or regional board of education shall require each child  
42 to have a health assessment prior to public school enrollment. The  
43 assessment shall include: (1) A physical examination which shall  
44 include hematocrit or hemoglobin tests, height, weight and blood  
45 pressure, and an asthma assessment, which shall include, but not be

46 limited to, an assessment of the history of asthma among students in  
47 the school and whether such students have been treated for asthma  
48 over the last twelve months; (2) an updating of immunizations as  
49 required under section 10-204a, provided a registered nurse may only  
50 update said immunizations pursuant to a written order by a physician  
51 or physician assistant, licensed pursuant to chapter 370, or an  
52 advanced practice registered nurse, licensed pursuant to chapter 378;  
53 (3) vision, hearing, speech and gross dental screenings; and (4) such  
54 other information, including health and developmental history, as the  
55 physician feels is necessary and appropriate. The assessment shall also  
56 include tests for tuberculosis, sickle cell anemia or Cooley's anemia  
57 and tests for lead levels in the blood where the local or regional board  
58 of education determines after consultation with the school medical  
59 advisor and the local health department, or in the case of a regional  
60 board of education, each local health department, that such tests are  
61 necessary, provided a registered nurse may only perform said tests  
62 pursuant to the written order of a physician or physician assistant,  
63 licensed pursuant to chapter 370, or an advanced practice registered  
64 nurse, licensed pursuant to chapter 378.

65 (c) Each local or regional board of education shall require each pupil  
66 enrolled in the public schools to have health assessments in either  
67 grade three or four and in either six or grade seven and in either grade  
68 ten or grade eleven. The assessment shall include: (1) A physical  
69 examination which shall include hematocrit or hemoglobin tests,  
70 height, weight and blood pressure, and an asthma assessment which  
71 shall include, but not be limited to, an assessment of the history of  
72 asthma among students in the school and whether such students have  
73 been treated for asthma over the last twelve months; (2) an updating of  
74 immunizations as required under section 10-204a, provided a  
75 registered nurse may only update said immunizations pursuant to a  
76 written order of a physician or physician assistant, licensed pursuant  
77 to chapter 370, or an advanced practice registered nurse, licensed  
78 pursuant to chapter 378; (3) vision, hearing, postural and gross dental  
79 screenings; and (4) such other information including a health history as

80 the physician feels is necessary and appropriate. The assessment shall  
81 also include tests for tuberculosis and sickle cell anemia or Cooley's  
82 anemia where the local or regional board of education, in consultation  
83 with the school medical advisor and the local health department, or in  
84 the case of a regional board of education, each local health department,  
85 determines that said screening or test is necessary, provided a  
86 registered nurse may only perform said tests pursuant to the written  
87 order of a physician or physician assistant, licensed pursuant to  
88 chapter 370, or an advanced practice registered nurse, licensed  
89 pursuant to chapter 378.

90 (d) The results of each assessment done pursuant to this section and  
91 the results of screenings done pursuant to section 10-214 shall be  
92 recorded on forms supplied by the State Board of Education. Such  
93 information shall be included in the cumulative health record of each  
94 pupil. [and] One copy of the form shall be kept on file in the school  
95 such pupil attends and one copy of the form, upon removal of the  
96 pupil's personal identifiers that either directly reveal the identity of the  
97 patient, or provide a means of identifying the patient, shall be  
98 forwarded by the appropriate school health personnel to the local or  
99 district health department and to the Department of Public Health no  
100 later than the end of the calendar year during which the form was  
101 submitted. If a pupil permanently leaves the jurisdiction of the board  
102 of education, the pupil's original cumulative health record shall be sent  
103 to the chief administrative officer of the school district to which such  
104 student moves. The board of education transmitting such health record  
105 shall retain a true copy. Each physician, advanced practice registered  
106 nurse, registered nurse, or physician assistant performing health  
107 assessments and screenings pursuant to this section and section 10-214  
108 shall sign each form and any recommendations concerning the pupil  
109 shall be in writing.

110 (e) Appropriate school health personnel shall review the results of  
111 each assessment and screening as recorded pursuant to subsection (d)  
112 of this section. When, in the judgment of such health personnel, a

113 pupil, as defined in section 10-206a, is in need of further testing or  
114 treatment, the superintendent of schools shall give written notice to the  
115 parent or guardian of such pupil and shall make reasonable efforts to  
116 assure that such further testing or treatment is provided. Such  
117 reasonable efforts shall include a determination of whether or not the  
118 parent or guardian has obtained the necessary testing or treatment for  
119 the pupil, and, if not, advising the parent or guardian on how such  
120 testing or treatment may be obtained. The results of such further  
121 testing or treatment shall be recorded pursuant to subsection (d) of this  
122 section, and shall be reviewed by school health personnel pursuant to  
123 this subsection.

124 (f) Beginning on February 1, 2004, and every three years thereafter,  
125 the Department of Public Health shall review the results of the asthma  
126 screening as recorded pursuant to subsection (d) of this section and  
127 shall submit in accordance with section 11-4a to the joint standing  
128 committees of the General Assembly having cognizance of matters  
129 relating to public health and education a report on asthma trends and  
130 distributions among pupils enrolled in the public schools.

131 (g) Appropriate school health personnel shall maintain a log of  
132 health complaints by students and school personnel that includes, but  
133 is not limited to, information about the location and time of the onset  
134 of the symptoms and any exposure to pollutant sources. Such  
135 personnel shall note any trends in such complaints, including, but not  
136 limited to, the timing of the complaints and the location of the onset of  
137 the symptoms.

138 Sec. 3. Section 10-220 of the general statutes is repealed and the  
139 following is substituted in lieu thereof:

140 (a) Each local or regional board of education shall maintain good  
141 public elementary and secondary schools, implement the educational  
142 interests of the state as defined in section 10-4a and provide such other  
143 educational activities as in its judgment will best serve the interests of  
144 the school district; provided any board of education may secure such

145 opportunities in another school district in accordance with provisions  
146 of the general statutes and shall give all the children of the school  
147 district as nearly equal advantages as may be practicable; shall provide  
148 an appropriate learning environment for its students which includes  
149 (1) adequate instructional books, supplies, materials, equipment,  
150 staffing, facilities and technology, (2) equitable allocation of resources  
151 among its schools, and (3) a safe school setting; shall have charge of the  
152 schools of its respective school district; shall make a continuing study  
153 of the need for school facilities and of a long-term school building  
154 program and from time to time make recommendations based on such  
155 study to the town; shall report annually to the Commissioner of  
156 Education on the condition of its facilities and the action taken to  
157 implement its long-term school building program, which report the  
158 commissioner shall use to prepare an annual report that he shall  
159 submit in accordance with section 11-4a to the joint standing  
160 committee of the General Assembly having cognizance of matters  
161 relating to education; shall advise the Commissioner of Education of  
162 the relationship between any individual school building project  
163 pursuant to chapter 173 and such long-term school building program;  
164 shall have the care, maintenance and operation of buildings, lands,  
165 apparatus and other property used for school purposes and at all times  
166 shall insure all such buildings and all capital equipment contained  
167 therein against loss in an amount not less than eighty per cent of  
168 replacement cost; shall determine the number, age and qualifications  
169 of the pupils to be admitted into each school; shall develop and  
170 implement a written plan for minority staff recruitment for purposes  
171 of subdivision (3) of section 10-4a; shall employ and dismiss the  
172 teachers of the schools of such district subject to the provisions of  
173 sections 10-151 and 10-158a; shall designate the schools which shall be  
174 attended by the various children within the school district; shall make  
175 such provisions as will enable each child of school age, residing in the  
176 district to attend some public day school for the period required by  
177 law and provide for the transportation of children wherever  
178 transportation is reasonable and desirable, and for such purpose may

179 make contracts covering periods of not more than five years; may  
180 place in an alternative school program or other suitable educational  
181 program a pupil enrolling in school who is nineteen years of age or  
182 older and cannot acquire a sufficient number of credits for graduation  
183 by age twenty-one; may arrange with the board of education of an  
184 adjacent town for the instruction therein of such children as can attend  
185 school in such adjacent town more conveniently; shall cause each child  
186 five years of age and over and under sixteen years of age living in the  
187 school district to attend school in accordance with the provisions of  
188 section 10-184, and shall perform all acts required of it by the town or  
189 necessary to carry into effect the powers and duties imposed by law.

190 (b) The board of education of each local or regional school district  
191 shall, with the participation of parents, students, school administrators,  
192 teachers, citizens, local elected officials and any other individuals or  
193 groups such board shall deem appropriate, prepare a statement of  
194 educational goals for such local or regional school district. The  
195 statement of goals shall be consistent with state-wide goals pursuant to  
196 subsection (c) of section 10-4. Each local or regional board of education  
197 shall develop student objectives which relate directly to the statement  
198 of educational goals prepared pursuant to this subsection and which  
199 identify specific expectations for students in terms of skills, knowledge  
200 and competence.

201 (c) (1) Annually, each local and regional board of education shall  
202 submit to the Commissioner of Education a strategic school profile  
203 report for each school under its jurisdiction and for the school district  
204 as a whole. The superintendent of each local and regional school  
205 district shall present the profile report at the next regularly scheduled  
206 public meeting of the board of education after each November first. (2)  
207 The profile report shall provide information on measures of [(1)] (A)  
208 student needs, [(2)] (B) school resources, including technological  
209 resources and utilization of such resources and infrastructure, [(3)] (C)  
210 student and school performance, [(4)] (D) equitable allocation of  
211 resources among its schools, [(5)] (E) reduction of racial, ethnic and

212 economic isolation, [and (6)] (F) special education, [(7)] and (G) indoor  
213 environmental quality of the school. (3) For purposes of this  
214 subsection, measures of special education include (A) special  
215 education identification rates by disability, (B) rates at which special  
216 education students are exempted from mastery testing pursuant to  
217 section 10-14q, (C) expenditures for special education, including such  
218 expenditures as a percentage of total expenditures, (D) achievement  
219 data for special education students, (E) rates at which students  
220 identified as requiring special education are no longer identified as  
221 requiring special education, (F) the availability of supplemental  
222 educational services for students lacking basic educational skills, (G)  
223 the amount of special education student instructional time with  
224 nondisabled peers, (H) the number of students placed out-of-district,  
225 and (I) the actions taken by the school district to improve special  
226 education programs, as indicated by analyses of the local data  
227 provided in subparagraphs (A) to (H), inclusive, of this subdivision.  
228 (4) For purposes of this subsection, "measures of indoor environmental  
229 quality" means (A) a summary of the asthma data collected pursuant  
230 to subsection (d) of section 10-206, as amended by this act, and the log  
231 of health complaints collected pursuant to subsection (g) of section 10-  
232 206, as amended by this act; (B) an identification of indoor  
233 environmental quality problems in the school facilities through the use  
234 of, but not limited to, the federal Environmental Protection Agency's  
235 Indoor Air Quality Tools for Schools publications, or any similar  
236 subsequent publications; and (C) a statement of progress in the  
237 remediation of the cause of any indoor environmental quality  
238 problems.

239 (d) Each local or regional board of education shall conduct, prior to  
240 January 1, 2005, a uniform inspection and monitoring program of the  
241 indoor environmental quality of its schools. Such board of education  
242 shall conduct such program every five years after it conducts the first  
243 program prior to January 1, 2005. The inspection and monitoring  
244 program shall include, but not be limited to, a review, inspection or  
245 monitoring of the following: (1) Radon levels in the water and the air;

246 (2) exposure to bioaerosols; (3) chemical compounds of concern to  
247 indoor air quality including, but not limited to, volatile organic  
248 compounds; (4) the degree of pest infestation, including, but not  
249 limited to, insect and rodents; (5) the degree of pesticide usage; (6)  
250 efforts to remove any hazardous substances that are contained on the  
251 list prepared pursuant to Section 302 of the federal Emergency  
252 Planning and Community Right-to-Know Act, 42 USC 9601 et seq.; (7)  
253 ventilation systems; (8) plumbing, including water distribution  
254 systems, drainage systems and fixtures; and (9) building structural  
255 elements, including, but not limited to, roofing, basements or slabs.  
256 The local or regional board of education shall use the data generated  
257 from such inspection and monitoring program to write a report on the  
258 status of its schools' indoor environmental quality that shall include,  
259 but not be limited to, a discussion of the progress the schools have  
260 made in improving indoor environmental quality. The local or regional  
261 board of education shall forward such report and its supporting data  
262 to the local or district health department. The local or district health  
263 department shall review such report and its supporting data and  
264 notify the local or regional board of education of any indoor  
265 environmental quality issues that need to be addressed.

266 Sec. 4. Subsection (a) of section 10-220 of the general statutes, as  
267 amended by section 3 of public act 00-157, is repealed and the  
268 following is substituted in lieu thereof:

269 (a) Each local or regional board of education shall maintain good  
270 public elementary and secondary schools, implement the educational  
271 interests of the state, as defined in section 10-4a, and provide such  
272 other educational activities as in its judgment will best serve the  
273 interests of the school district; provided any board of education may  
274 secure such opportunities in another school district in accordance with  
275 provisions of the general statutes and shall give all the children of the  
276 school district as nearly equal advantages as may be practicable; shall  
277 provide an appropriate learning environment for its students which  
278 includes (1) adequate instructional books, supplies, materials,

279 equipment, staffing, facilities and technology, (2) equitable allocation  
280 of resources among its schools, and (3) a safe school setting; shall have  
281 charge of the schools of its respective school district; shall make a  
282 continuing study of the need for school facilities, [and of] a long-term  
283 school building program and any necessary maintenance of its  
284 facilities and from time to time make recommendations based on such  
285 study to the town; shall maintain a written maintenance plan for its  
286 facilities; shall establish a schedule for addressing indoor  
287 environmental quality; shall report annually to the Commissioner of  
288 Education on the condition of its facilities and the action taken to  
289 implement its long-term school building program, which report the  
290 commissioner shall use to prepare an annual report that [he] the  
291 commissioner shall submit in accordance with section 11-4a to the joint  
292 standing committee of the General Assembly having cognizance of  
293 matters relating to education; shall advise the Commissioner of  
294 Education of the relationship between any individual school building  
295 project pursuant to chapter 173 and such long-term school building  
296 program; shall have the care, maintenance and operation of buildings,  
297 lands, apparatus and other property used for school purposes and at  
298 all times shall insure all such buildings and all capital equipment  
299 contained therein against loss in an amount not less than eighty per  
300 cent of replacement cost; shall determine the number, age and  
301 qualifications of the pupils to be admitted into each school; shall  
302 develop and implement a written plan for minority staff recruitment  
303 for purposes of subdivision (3) of section 10-4a; shall employ and  
304 dismiss the teachers of the schools of such district subject to the  
305 provisions of sections 10-151 and 10-158a; shall designate the schools  
306 which shall be attended by the various children within the school  
307 district; shall make such provisions as will enable each child of school  
308 age, residing in the district to attend some public day school for the  
309 period required by law and provide for the transportation of children  
310 wherever transportation is reasonable and desirable, and for such  
311 purpose may make contracts covering periods of not more than five  
312 years; may place in an alternative school program or other suitable

313 educational program a pupil enrolling in school who is nineteen years  
314 of age or older and cannot acquire a sufficient number of credits for  
315 graduation by age twenty-one; may arrange with the board of  
316 education of an adjacent town for the instruction therein of such  
317 children as can attend school in such adjacent town more conveniently;  
318 shall cause each child five years of age and over and under eighteen  
319 years of age who is not a high school graduate and is living in the  
320 school district to attend school in accordance with the provisions of  
321 section 10-184, and shall perform all acts required of it by the town or  
322 necessary to carry into effect the powers and duties imposed by law.

323 Sec. 5. Subdivision (18) of section 10-282 of the general statutes is  
324 repealed and the following is substituted in lieu thereof:

325 (18) "Renovation" means a school building project to totally  
326 refurbish an existing building which results in the renovated facility  
327 taking on a useful life comparable to that of a new facility and which  
328 will cost less than building a new facility as determined by the  
329 department, provided the school district may submit a feasibility study  
330 and cost analysis of the project prepared by an independent licensed  
331 architect to the department prior to final plan approval.  
332 Notwithstanding this subdivision, for the purpose of a school building  
333 project to improve the indoor environmental quality of a facility, as  
334 specified in subparagraph (D) of subdivision (2) of subsection (a) of  
335 section 10-283, as amended by this act, "renovation" means a school  
336 building project that exceeds the day-to-day maintenance of such  
337 facility, the total project costs of which exceed \_\_\_\_\_ dollars.

338 Sec. 6. Subdivision (2) of subsection (a) of section 10-283 of the  
339 general statutes is repealed and the following is substituted in lieu  
340 thereof:

341 (2) Each school building project shall be assigned to a category on  
342 the basis of whether such project is primarily required to: (A) Create  
343 new facilities or alter existing facilities to provide for mandatory  
344 instructional programs pursuant to this chapter, for physical education

345 facilities in compliance with Title IX of the Elementary and Secondary  
346 Education Act of 1972 where such programs or such compliance  
347 cannot be provided within existing facilities or for the correction of  
348 code violations which cannot be reasonably addressed within existing  
349 program space; (B) create new facilities or alter existing facilities to  
350 enhance mandatory instructional programs pursuant to this chapter or  
351 provide comparable facilities among schools to all students at the same  
352 grade level or levels within the school district unless such project is  
353 otherwise explicitly included in another category pursuant to this  
354 section; [and] (C) create new facilities or alter existing facilities to  
355 provide supportive services, provided in no event shall such  
356 supportive services include swimming pools, auditoriums, outdoor  
357 athletic facilities, tennis courts, elementary school playgrounds, site  
358 improvement or garages or storage, parking or general recreation  
359 areas; and (D) address a documented indoor air quality problem in a  
360 facility such as, but not limited to, the upgrading a HVAC system to  
361 meet the American Society of Heating, Ventilating and Air Condition  
362 Engineers ("ASHRAE") Standard 62, Ventilation for Acceptable Indoor  
363 Air Quality, as incorporated by the State Building Code adopted under  
364 section 29-252; the resolution of a documented moisture incursion,  
365 whether such incursion originates from a roof, a window, a wall or a  
366 floor; or the remediation of sources of bioaerosols or the reduction of  
367 radon in the air or water in a facility. All applications submitted prior  
368 to the first day of July in any year shall be reviewed promptly by the  
369 commissioner and the amount of the grant for which such project is  
370 eligible shall be estimated. The commissioner shall annually prepare a  
371 listing of all such eligible school building projects listed by category  
372 together with the amount of the estimated grants therefor and shall  
373 submit the same to the Governor and the General Assembly on or  
374 before the fifteenth day of December, except as provided in section 10-  
375 283a, with a request for authorization to enter into grant commitments.  
376 Each such listing submitted after December 1995 shall include a  
377 separate schedule of authorized projects which have changed in scope  
378 or cost to a degree determined by the commissioner. The percentage

379 determined pursuant to section 10-285a at the time a school building  
380 project on such schedule was originally authorized shall be used for  
381 purposes of the grant for such project. The General Assembly shall  
382 annually authorize the commissioner to enter into grant commitments  
383 on behalf of the state in accordance with the commissioner's  
384 categorized listing for such projects as the General Assembly shall  
385 determine. The commissioner may not enter into any such grant  
386 commitments except pursuant to such legislative authorization. Any  
387 regional school district which assumes the responsibility for  
388 completion of a public school building project shall be eligible for a  
389 grant pursuant to subdivision (5) or (6), as the case may be, of  
390 subsection (a) of section 10-286, when such project is completed and  
391 accepted by such regional school district.

392 Sec. 7. Section 10-291 of the general statutes is repealed and the  
393 following is substituted in lieu thereof:

394 (a) No school building project for which state assistance is sought  
395 shall be undertaken except according to a plan and on a site approved  
396 by the state Department of Education, the town or regional board of  
397 education and by the building committee of such town or district. [No  
398 such school building project shall be undertaken at an expense  
399 exceeding the sum which the town or regional district may  
400 appropriate for the project. In the case of a school building project  
401 financed in whole or in part by an energy conservation lease purchase  
402 agreement, the expense of the project shall not exceed the sum which  
403 the town or regional school district approved for the project.] Prior to  
404 approving a school building project, the state Department of  
405 Education, the town or regional board of education and the building  
406 committee of such town or district shall require (1) in the case of a  
407 school building project which is a construction, extension or  
408 replacement of a building to be used for public school purposes, a  
409 Phase I environmental site assessment in accordance with the  
410 American Society for Testing and Materials Standard E1527, Standard  
411 Practice for Environmental Site Assessments: Phase I Environmental

412 Site Assessment Process, or similar subsequent standards, and (2) a  
413 report of how the school building project will affect indoor  
414 environmental health in the facility. A copy of final plans and  
415 specifications for each phase of site development and construction of  
416 all school building projects and for each phase thereof including site  
417 development shall be filed with the Commissioner of Education  
418 subject to the provisions of section 10-292 before the start of such phase  
419 of development or construction shall be begun. A town or regional  
420 school district may commence a phase of development or construction  
421 before completion of final plans and specifications for the whole  
422 project provided a copy of the latest preliminary plan and cost  
423 estimate for such project which has been approved by the town or  
424 regional board of education and by the building committee shall be  
425 submitted with the final plans and specifications for such phase. Any  
426 board of education which, prior to the approval of a grant commitment  
427 by the General Assembly, commences any portion of a school  
428 construction project or causes any such project to be let out for bid,  
429 shall not be eligible for a school construction grant until a grant  
430 commitment is so approved.

431 (b) The state Department of Education, the town or regional board  
432 of education and the building committee of such town or district may  
433 not approve a school building project plan or site, as applicable, if:

434 (1) The expense exceeds the sum which the town or regional district  
435 may appropriate for the project. In the case of a school building  
436 project financed in whole or in part by an energy conservation lease  
437 purchase agreement, the expense of the project shall not exceed the  
438 sum which the town or regional school district approved for the  
439 project.

440 (2) In the case of a school building project that is a construction,  
441 extension or replacement of a building to be used for public school  
442 purposes, the Phase I environmental site assessment indicates that the  
443 site does not meet the criteria for residential properties in the

444 regulations adopted pursuant to section 22a-133k.

445 (3) The site is in an area of moderate or high radon potential, as  
446 indicated in the Department of Environmental Protection's Radon  
447 Potential Map, or similar subsequent publications, except where the  
448 school building project plan incorporates construction techniques to  
449 mitigate radon levels in the air of the facility.

450 (4) The plans incorporate flat-roof construction that does not have  
451 adequate pitch towards drains in order to prevent the pooling of  
452 water.

453 (5) In the case of a renovation of a building to be used for public  
454 school purposes, the plans do not incorporate the Sheet Metal and Air  
455 Conditioning Contractors National Association's publication entitled  
456 "Indoor Air Quality Guidelines for Occupied Buildings Under  
457 Construction" or similar subsequent publications.

458 (6) In the case of a renovation of a building to be used for public  
459 school purposes in order to remediate sources of bioaerosols, the plans  
460 do not incorporate appropriate safeguards for the occupants of the  
461 facility and the workers performing the renovation, as outlined in the  
462 American Conference of Governmental Industrial Hygienists'  
463 publication entitled "Bioaerosols: Assessment and Control" or similar  
464 subsequent publications.

465 Sec. 8. (NEW) Each new school shall ensure that its HVAC system is  
466 (1) maintained and operated in accordance with the American Society  
467 of Heating, Ventilating and Air Condition Engineers ("ASHRAE")  
468 Standard 62 entitled "Ventilation for Acceptable Indoor Air Quality",  
469 as incorporated by the State Building Code adopted under section 29-  
470 252 of the general statutes; and (2) operated continuously during  
471 school activity hours except (A) during scheduled maintenance and  
472 emergency repairs; and (B) during periods for which school officials  
473 can demonstrate to the local or regional board of education's  
474 satisfaction that the quantity of outdoor air supplied by an air supply

475 system that is not mechanically driven meets the ASHRAE Standard 62  
476 requirements for air changes per hour.

477 Sec. 9. (NEW) (a) Each school shall (1) annually inspect its HVAC  
478 system and correct any problems with the system within a reasonable  
479 time, and (2) maintain written records of HVAC system maintenance  
480 and inspection for at least five years. The school shall annually submit  
481 its maintenance records to its local or district health department.

482 (b) Each local or district health department shall (1) review the  
483 records submitted pursuant to subsection (a) of this section for  
484 operational problems which may affect the health of the school's  
485 occupants and shall immediately report such problems to the local or  
486 regional board of education, and (2) report any problems to the  
487 Department of Public Health.

488 Sec. 10. (NEW) The Commissioner of Public Health, in consultation  
489 with any other public or private institution, shall (1) annually organize  
490 school environmental health training workshops for school  
491 environmental health coordinators, school administrators, school  
492 maintenance personnel and local or district health departments and  
493 issue a certificate of training to participants who successfully complete  
494 the workshops; and (2) upon request of a school, assist schools in  
495 implementation of a comprehensive environmental health program  
496 based on the Environmental Protection Agency's Indoor Air Quality  
497 Tools for Schools publications.

498 Sec. 11. The sum of \_\_\_\_ dollars is appropriated to the Department  
499 of Environmental Protection, from the General Fund, for the fiscal year  
500 ending June 30, 2002, for the purpose of providing grants-in-aid to  
501 municipalities for the funding of response measures to environmental  
502 problems on the site of a school facility that presents an immediate  
503 threat to the health or safety to the students or personnel of the school.

504 Sec. 12. This act shall take effect July 1, 2001, except that section 2  
505 shall take effect July 1, 2002.

**Statement of Purpose:**

To provide funding for schools that undertake projects to improve the indoor environmental quality of its facilities. To require schools to identify problems relating to indoor environmental quality in their facilities, to create an asthma tracking program.

*[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.]*