



General Assembly

February Session, 2004

Raised Bill No. 152

LCO No. 1139

01139_____ED_

Referred to Committee on Education

Introduced by:
(ED)

AN ACT CONCERNING REQUIREMENTS FOR SCHOOL ROOFING PROJECTS.

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

1 Section 1. Subsection (b) of section 10-291 of the general statutes, as
2 amended by section 30 of public act 03-76 and section 6 of public act
3 03-220, is repealed and the following is substituted in lieu thereof
4 (*Effective from passage*):

5 (b) The Department of Education shall not approve a school
6 building project plan or site, as applicable, if:

7 (1) The site is in an area of moderate or high radon potential, as
8 indicated in the Department of Environmental Protection's Radon
9 Potential Map, or similar subsequent publications, except where the
10 school building project plan incorporates construction techniques to
11 mitigate radon levels in the air of the facility;

12 (2) The plans incorporate new roof construction or total replacement
13 of an existing roof and do not provide for the following: (A) A
14 minimum roof pitch of one-half inch per foot, except that for a total

15 replacement of an existing roof, the Commissioner of Education may
16 permit the minimum roof pitch to be reduced to one-quarter inch per
17 foot if the commissioner finds, based upon written certification from a
18 licensed architect or engineer provided by the town or regional board
19 of education, that (i) such reduction of roof pitch will not impede
20 drainage or cause pooling of water that may leak into the building to a
21 greater degree than that of a roof of a minimum roof pitch of one-half
22 inch per foot, (ii) the cost of replacing the roof with a minimum roof
23 pitch of one-half inch per foot would substantially exceed the cost of
24 replacing the roof with a minimum roof pitch of one-quarter inch per
25 foot, and (iii) the time needed to replace the roof with a minimum roof
26 pitch of one-half inch per foot would be substantially longer than the
27 time needed to replace the roof with a minimum roof pitch of one-
28 quarter inch per foot, (B) a minimum twenty-year unlimited
29 manufacturer's guarantee for water tightness covering material and
30 workmanship on the entire roofing system, (C) the inclusion of vapor
31 retarders, insulation, bitumen, felts, membranes, flashings, metals,
32 decks and any other feature required by the roof design, and (D) that
33 all manufacturer's materials to be used in the roofing system are
34 specified to meet the latest standards for individual components of the
35 roofing systems of the American Society for Testing and Materials;

36 (3) In the case of a major alteration, renovation or extension of a
37 building to be used for public school purposes, the plans do not
38 incorporate the guidelines set forth in the Sheet Metal and Air
39 Conditioning Contractors National Association's publication entitled
40 "Indoor Air Quality Guidelines for Occupied Buildings Under
41 Construction" or similar subsequent publications; or

42 (4) In the case of a new construction, extension, renovation or
43 replacement, the plans do not include a plan that the building
44 maintenance staff responsible for such facility are trained or are
45 receiving training or that the applicant plans to provide training in the
46 appropriate areas of plant operations including, but not limited to,
47 heating, ventilation and air conditioning systems pursuant to section

48 10-231e, with specific training relative to indoor air quality.

This act shall take effect as follows:	
Section 1	<i>from passage</i>

Statement of Purpose:

To allow for a reduction in roof pitch for total roof replacements in cases of extreme hardship.

[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.]