



General Assembly

Amendment

January Session, 2023

LCO No. 10007



Offered by:
REP. HOWARD, 43rd Dist.

To: Subst. Senate Bill No. 1

File No. 551

Cal. No. 620

(As Amended)

"AN ACT CONCERNING TRANSPARENCY IN EDUCATION."

1 Strike section 44 in its entirety and insert the following in lieu thereof:

2 "Sec. 44. Subsection (d) of section 10-220 of the general statutes is
3 repealed and the following is substituted in lieu thereof (*Effective July 1,*
4 *2023*):

5 (d) (1) As used in this subsection:

6 (A) "Certified testing, adjusting and balancing technician" means a
7 technician certified to perform testing, adjusting and balancing of
8 heating, ventilation and air conditioning systems by the Associated Air
9 Balance Council, the National Environmental Balancing Bureau or the
10 Testing, Adjusting and Balancing Bureau, or an individual training
11 under the supervision of a Testing, Adjusting and Balancing Bureau
12 certified technician or a person certified to perform ventilation
13 assessments of heating, ventilation and air conditioning systems

14 through a certification body accredited by the American National
15 Standards Institute;

16 (B) "Heating, ventilation and air conditioning system" means the
17 equipment, distribution network, controls and terminals that provide,
18 either collectively or individually, heating, ventilation or air
19 conditioning to a building; and

20 (C) "Indoor air quality" has the same meaning as used by the United
21 States Department of Labor Occupational Safety and Health
22 Administration Standard Number 1910.1000 "OSHA Policy on Indoor
23 Air Quality".

24 (2) [Prior to January 1, 2008, and every three years thereafter, for
25 every school building that is or has been constructed, extended,
26 renovated or replaced on or after January 1, 2003] On and after January
27 1, 2024, and annually thereafter, a local or regional board of education
28 shall provide for a uniform inspection and evaluation program of the
29 indoor air quality within [such buildings, such as] each school building
30 using the Environmental Protection Agency's Indoor Air Quality Tools
31 for Schools Program. The inspection and evaluation program shall
32 include, but not be limited to, a review, inspection or evaluation of the
33 following: (A) The heating, ventilation and air conditioning systems; (B)
34 radon levels in the air; (C) potential for exposure to microbiological
35 airborne particles, including, but not limited to, fungi, mold and
36 bacteria; (D) chemical compounds of concern to indoor air quality
37 including, but not limited to, volatile organic compounds; (E) the degree
38 of pest infestation, including, but not limited to, insects and rodents; (F)
39 the degree of pesticide usage; (G) the presence of and the plans for
40 removal of any hazardous substances that are contained on the list
41 prepared pursuant to Section 302 of the federal Emergency Planning
42 and Community Right-to-Know Act, 42 USC 9601 et seq.; (H) ventilation
43 systems; (I) plumbing, including water distribution systems, drainage
44 systems and fixtures; (J) moisture incursion; (K) the overall cleanliness
45 of the facilities; (L) building structural elements, including, but not
46 limited to, roofing, basements or slabs; (M) the use of space, particularly

47 areas that were designed to be unoccupied; and (N) the provision of
48 indoor air quality maintenance training for building staff. Local and
49 regional boards of education conducting evaluations pursuant to this
50 subsection shall (i) make available for public inspection the results of the
51 inspection and evaluation at a regularly scheduled board of education
52 meeting and on the [board's or each individual school's web site]
53 Internet web site of such board and on the Internet web site, if any, of
54 each individual school, and (ii) submit the report and results of such
55 inspection and evaluation to the Department of Administrative Services
56 using the form developed pursuant to section 43 of this act.

57 (3) Prior to January 1, [2024] 2026, and every five years thereafter, a
58 local or regional board of education shall provide for a uniform
59 inspection and evaluation of the heating, ventilation and air
60 conditioning system within each school building under its jurisdiction.
61 Such inspection and evaluation shall be performed by a certified testing,
62 adjusting and balancing technician, an industrial hygienist certified by
63 the American Board of Industrial Hygiene or the Board for Global EHS
64 Credentialing, or a mechanical engineer. Such heating, ventilation and
65 air conditioning systems inspection and evaluation shall include, but
66 need not be limited to: (A) Testing for maximum filter efficiency, (B)
67 physical measurements of outside air delivery rate, (C) verification of
68 the appropriate condition and operation of ventilation components, (D)
69 measurement of air distribution through all system inlets and outlets,
70 (E) verification of unit operation and that required maintenance has
71 been performed in accordance with the most recent indoor ventilation
72 standards promulgated by the American Society of Heating,
73 Refrigerating and Air-Conditioning Engineers, (F) verification of control
74 sequences, (G) verification of carbon dioxide sensors and acceptable
75 carbon dioxide concentrations indoors, and (H) collection of field data
76 for the installation of mechanical ventilation if none exist. The
77 ventilation systems inspection and evaluation shall identify to what
78 extent each school's current ventilation system components, including
79 any existing central or noncentral mechanical ventilation system, are
80 operating in such a manner as to provide appropriate ventilation to the

81 school building in accordance with most recent indoor ventilation
82 standards promulgated by the American Society of Heating,
83 Refrigerating and Air-Conditioning Engineers. The inspection and
84 evaluation shall result in a written report, and such report shall include
85 any corrective actions necessary to be performed to the mechanical
86 ventilation system or the heating, ventilation and air conditioning
87 infrastructure, including installation of filters meeting the most optimal
88 level of filtration available for a given heating, ventilation and air
89 conditioning system, installation of carbon dioxide sensors and
90 additional maintenance, repairs, upgrades or replacement. Any such
91 corrective actions shall be performed, where appropriate, by a
92 contractor, who is licensed in accordance with chapter 393. Any local or
93 regional board of education conducting an inspection and evaluations
94 pursuant to this subsection shall (i) make available for public inspection
95 the results of such inspection and evaluation at a regularly scheduled
96 meeting of such board and on the Internet web site of such board and
97 on the Internet web site, if any, of each individual school, and (ii) submit
98 the report and results of such inspection and evaluation to the
99 Department of Administrative Services using the form developed
100 pursuant to section 43 of this act. A local or regional board of education
101 shall not be required to provide for a uniform inspection and evaluation
102 under this subdivision for any school building that will cease to be used
103 as a school building within the three years from when such inspection
104 and evaluation is to be performed. Any local or regional board of
105 education that has provided for an inspection that was performed in a
106 different format, but is deemed equivalent by the department, may use
107 such inspection in lieu of a uniform inspection and evaluation under this
108 subdivision. The Department of Administrative Services may, upon
109 request of a local or regional board of education, grant a waiver of the
110 January 1, 2025, deadline for the provision of a uniform inspection and
111 evaluation under this subdivision if the department finds that (I) there
112 is an insufficient number of certified testing, adjusting and balancing
113 technicians, industrial hygienists certified by the American Board of
114 Industrial Hygiene or the Board for Global EHS Credentialing or
115 mechanical engineers to perform such inspection and evaluation, or (II)

116 such board has scheduled such inspection and evaluation for a date after
117 January 1, 2025. Such waiver shall be valid for one year."