



General Assembly

Amendment

January Session, 2013

LCO No. 5929

HB0645305929HDO

Offered by:

REP. DARGAN, 115th Dist.

SEN. HARTLEY, 15th Dist.

REP. GIEGLER, 138th Dist.

SEN. GUGLIELMO, 35th Dist.

To: House Bill No. 6453

File No. 134

Cal. No. 116

"AN ACT CONCERNING FOAMED-IN-PLACE INSULATING MATERIAL."

1 Strike everything after the enacting clause and substitute the
2 following in lieu thereof:

3 "Section 1. Section 29-277 of the general statutes is repealed and the
4 following is substituted in lieu thereof (*Effective from passage*):

5 [(a) Urea-formaldehyde (UF) foamed-in-place insulation, also
6 referred to as formaldehyde-based insulation, means any cellular
7 plastic thermal material which contains as a component chemical
8 formaldehyde, formaldehyde polymers, formaldehyde derivatives and
9 any other chemical from which formaldehyde can be released, but
10 does not mean urethane foam insulation or styrene foam insulation.

11 (b) Urea-formaldehyde foamed-in-place insulation shall not be
12 installed in any building or structure on or after June 1, 1981.]

13 (a) As used in this section:

14 (1) "Urea-formaldehyde foamed-in-place insulation material" means
15 a cellular plastic insulation material generated in a continuous stream
16 by mixing the components which consist of a urea-formaldehyde
17 based resin, air and a foaming agent, but does not mean or include
18 urethane foam insulation or styrene foam insulation;

19 (2) "Standard Method" means "Standard Method for the Testing and
20 Evaluation of Volatile Organic Chemical Emissions from Indoor
21 Sources Using Environmental Chambers Version 1.1", issued in 2010
22 by the California Department of Public Health; and

23 (3) "ASTM standard D7859" means "ASTM D7859, Standard Practice
24 for Spraying, Sampling, Packaging and Test Specimen Preparation of
25 Spray Polyurethane Foam (SPF) for Testing of Emissions Using
26 Environmental Chambers," published by ASTM International.

27 (b) Foamed-in-place insulating material, except urethane foam
28 insulation or styrene foam insulation, shall not be sold or installed in
29 this state on or after the effective date of this section unless the
30 manufacturer or supplier has certified to the State Building Inspector
31 that the material complies with the provisions of this section.

32 (c) Such certification shall contain the following information:

33 (1) The name of the manufacturer;

34 (2) A description of the type of insulating material being certified in
35 sufficient detail to permit its identification, which description may
36 include information sheets, brochures, a sample label for the product
37 or similar information;

38 (3) A statement that the insulating material is not a urea-
39 formaldehyde foamed-in-place insulation material;

40 (4) (A) Verification that the insulating material has undergone

41 small-scale formaldehyde emissions testing and evaluation in
42 accordance with, and meets the requirements of, the most current
43 version of the Standard Method, provided:

44 (i) All samples are prepared, sprayed, packaged and shipped to an
45 analytical laboratory in accordance with the most current version of
46 ASTM standard D7859;

47 (ii) The analytical laboratory has ISO/IEC standard 17025
48 accreditation and the capabilities to perform such testing and
49 evaluation; and

50 (iii) The formaldehyde emissions testing and evaluation includes
51 indoor air quality modeling for thermal insulation used in ceilings and
52 walls in a standard school classroom as specified in table 4.3 of the
53 most current version of the Standard Method; or

54 (B) Verification that the insulating material meets the requirements
55 of one of the following methods, provided all samples are prepared,
56 sprayed, packaged and shipped in accordance with the most current
57 version of ASTM standard D7859:

58 (i) Scientific Certification Systems Indoor Advantage +
59 Formaldehyde Free Certification Requirements;

60 (ii) GREENGUARD Environmental Institute Formaldehyde Free
61 Verification Requirements;

62 (iii) CAN/ULC-S774-09 Standard Laboratory Guide for the
63 Determination of Volatile Organic Compound Emissions from
64 Polyurethane Foam; or

65 (iv) Any other test or documentation acceptable to the State
66 Building Inspector that documents the emission or release of
67 formaldehyde within cured insulating materials; and

68 (5) A description of the quality assurance program used by the

69 manufacturer or supplier, including the manufacturer's or supplier's
70 training program for installers of the insulating material.

71 [(c)] (d) Any person who violates any provision of this section shall
72 be fined not more than five hundred dollars for the first offense and for
73 each subsequent offense shall be fined not more than one thousand
74 dollars."

This act shall take effect as follows and shall amend the following sections:		
Section 1	<i>from passage</i>	29-277