

1 AN ACT concerning residential construction.

2 **Be it enacted by the People of the State of Illinois,**
3 **represented in the General Assembly:**

4 Section 1. Short title. This Act may be cited as the Radon
5 Resistant Construction Act.

6 Section 5. Findings. Radon is a radioactive element that is
7 part of the radioactive decay chain of naturally occurring
8 uranium in soil. Radon is the leading cause of lung cancer
9 among non-smokers and the number one risk in homes according to
10 the Harvard School of Public Health, Center for Risk Analysis.
11 The 2008-2009 Annual Report from the President's Cancer Panel
12 stated: "Comparative risk assessments by the Environmental
13 Protection Agency and its Science Advisory Board have
14 consistently ranked radon among the top 4 environmental risks
15 to the public.". The World Health Organization's Handbook on
16 Radon Key Messages include: "There is no known threshold
17 concentration below which radon exposure presents no risk. The
18 majority of radon-induced lung cancers are caused by low and
19 moderate radon concentrations rather than by high radon
20 concentrations, because in general less people are exposed to
21 high indoor radon concentrations.". The Surgeon General of the
22 United States urged Americans to test their homes to find out
23 how much radon they might be breathing. The United States

1 Environmental Protection Agency estimates that more than
2 20,000 Americans die of radon-related lung cancer each year.

3 Section 10. Primary responsibility with Illinois Emergency
4 Management Agency.

5 (a) The Illinois Emergency Management Agency shall have
6 primary responsibility for coordination, oversight, and
7 implementation of all State functions in matters concerning the
8 presence, effects, measurement, and mitigation of risks of
9 radon and radon progeny in dwellings and other buildings. The
10 Department of Natural Resources, the Environmental Protection
11 Agency, the Department of Public Health, and other State
12 agencies shall consult and cooperate with the Agency as
13 requested and as necessary to fulfill the purposes of this Act.

14 (b) The Agency shall promulgate rules necessary for the
15 administration and implementation of this Act.

16 Section 15. Definitions. As used in this Act, unless the
17 context requires otherwise:

18 "Active mitigation system", also known as "active soil
19 depressurization" or "ASD", means a family of radon mitigation
20 systems involving mechanically driven soil depressurization,
21 including sub-slab depressurization (SSD), drain tile
22 depressurization (DTD), block wall depressurization (BWD), and
23 sub-membrane depressurization (SMD).

24 "Agency" means the Illinois Emergency Management Agency.

1 "New residential construction" means any original
2 construction of a single-family home or a dwelling containing 2
3 or fewer apartments, condominiums, or town houses.

4 "Passive new construction pipe" means a pipe installed in
5 new construction that relies solely on the convective flow of
6 air upward for soil gas depressurization and may consist of
7 multiple pipes routed through conditioned space from below the
8 foundation to above the roof.

9 "Radon" means a gaseous radioactive decay product of
10 uranium or thorium.

11 "Radon contractor" means a person licensed in accordance
12 with the Radon Industry Licensing Act to perform radon or radon
13 progeny mitigation or to perform measurements of radon or radon
14 progeny in an indoor atmosphere.

15 "Radon resistant construction" means the installation of
16 passive new construction pipe during new residential
17 construction.

18 "Residential building code" means an ordinance,
19 resolution, or law that establishes standards applicable to new
20 residential construction.

21 "Residential building contractor" means any individual,
22 corporation, or partnership that constructs new residential
23 construction.

24 "Task Force on Radon-Resistant Building Codes" means the
25 Task Force on Radon-Resistant Building Codes as authorized by
26 the Radon Industry Licensing Act.

1 Section 20. Adoption of passive radon resistant
2 construction. All new residential construction in this State
3 shall include passive radon resistant construction.

4 Section 25. Installation of active mitigation systems. The
5 installation of an active mitigation system shall only be
6 performed by a radon contractor. The installation of radon
7 resistant construction may be performed by a residential
8 building contractor or his or her subcontractors or a radon
9 contractor during new residential construction. Only a radon
10 contractor may install a radon vent fan or upgrade a passive
11 new construction pipe to an active mitigation system.

12 Section 30. Local administration and enforcement. A local
13 governmental unit that has adopted any ordinance, resolution,
14 or law regulating radon resistant construction may provide for
15 its administration and enforcement.

16 Section 35. Local standards. Governmental units may adopt,
17 pursuant to local ordinance, regulations at least as stringent
18 as the rules promulgated by the Agency or may, by ordinance or
19 resolution, adopt the rules promulgated by the Agency for radon
20 resistant construction and the fixtures, materials, and design
21 and installation methods of radon resistant construction
22 systems. The rules promulgated by the Agency may be

1 incorporated in the ordinance or resolution by reference.

2 Section 97. The Radon Industry Licensing Act is amended by
3 changing Section 28 as follows:

4 (420 ILCS 44/28)

5 Sec. 28. Task Force on Radon-Resistant Building Codes.

6 (a) The Radon-Resistant Building Codes Task Force is
7 created. The Task Force consists of the following members:

8 (1) the Director, ex officio, or his or her
9 representative, who is the chair of the Task Force;

10 (2) a representative, designated by the Director, of a
11 home builders' association in Illinois;

12 (3) a representative, designated by the Director, of a
13 home inspectors' association in Illinois;

14 (4) a representative, designated by the Director, of an
15 international building code organization;

16 (5) a representative, designated by the Director, of an
17 Illinois realtors' organization;

18 (6) two representatives, designated by the Director,
19 of respiratory disease organizations, each from a
20 different organization;

21 (7) a representative, designated by the Director, of a
22 cancer research and prevention organization;

23 (8) a representative, designated by the Director, of a
24 municipal organization in Illinois;

1 (9) one person appointed by the Speaker of the House of
2 Representatives;

3 (10) one person appointed by the Minority Leader of the
4 House of Representatives;

5 (11) one person appointed by the President of the
6 Senate; and

7 (12) one person appointed by the Minority Leader of the
8 Senate.

9 (b) The Task Force shall meet at the call of the chair.
10 Members shall serve without compensation, but may be reimbursed
11 for their reasonable expenses from moneys appropriated for that
12 purpose. The Agency shall provide staff and support for the
13 operation of the Task Force.

14 (c) The Task Force shall make recommendations to the
15 Governor and, the Agency, ~~the Environmental Protection Agency,~~
16 ~~and the Pollution Control Board~~ concerning the adoption of
17 rules for building codes and, by January 1, 2013, for radon
18 resistant construction in new residential construction.

19 (Source: P.A. 96-195, eff. 8-10-09.)

20 Section 99. Effective date. This Act takes effect June 1,
21 2013, except that this Section and Section 97 take effect upon
22 becoming law.