NFPA 13R-2010 Standard for Installation of Sprinkler Systems in Residential Occupancies up to and including four stories in height

NFPA 13R-2010: Installation of Sprinkler Systems in Residential Occupancies up to and including four stories in height (The following Indiana Amendments are reprinted here from the Indiana government web site for your convenience. We have not edited or reformatted these pages, nor have we reviewed the for accuracy. We assume them to be identical to the official amendments as originally printed in the Indiana Register. We make no stated or implied claim as to their accuracy.)

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675 IAC 28-1-6 NFPA 13R; Standard for the installation of sprinkler systems in residential occupancies up to and including four stories in height

Authority: IC 22-13-2-2; IC 22-13-2-13

Affected: IC 10-19-2; IC 10-19-7; IC 22-11-8; IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 25-4; IC 25-31; IC 36-7

Sec. 6. (a) That certain standard, being titled NFPA 13R, Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height, 2010 edition, published by the National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, Massachusetts 02169-7471, be and the same is hereby adopted by reference as if fully set out in this section except as revised hereafter. This rule is available for review and reference at the:

Legal and Code Services Section
Indiana Department of Homeland Security
Indiana Government Center South
302 West Washington Street, Room W246
Indianapolis, Indiana 46204

(b) Amend Section 1.2 as follows:

(1) Delete the text of Section 1.2.1 and insert to read as follows: The purpose of this standard shall be to provide a sprinkler system that aids in the detection and control of residential fires.

(2) Delete the text of Section 1.2.2 and insert to read as follows: A sprinkler system designed and installed in accordance with this standard shall be expected to prevent flashover (total involvement) in the room of fire origin, where sprinklered.

(3) Amend Section 1.2.3 by deleting "trained" and inserting "qualified".

(c) Delete Section 1.3 in its entirety without substitution.

(d) Delete the text in Section 1.4 and insert the following: See the General Administrative Rules, 675 IAC 12-6-11.

(e) Amend Section 1.5.5 by deleting "and then rounding the result to the appropriate number of significant digits".

(f) Delete the text in Section 1.6 and insert to read as follows: See the General Administrative Rules, 675 IAC 12-6-11.

(g) Amend Section 2.2 as follows:

(1) In the reference to NFPA 13, delete "2010 edition" and insert "as adopted at 675 IAC 28-1-5".

(2) In the reference to NFPA 20, delete "2010 edition" and insert "as adopted at 675 IAC 13-1-10".

(3) In the reference to NFPA 25, delete "2008 edition" and insert "as adopted at 675 IAC 28-1-12".

(h) Amend Section 2.3 as follows:

(1) In the reference to ANSI A17.1, Safety Code for Elevators and Escalators, 2004, delete "2004 edition" and insert "as adopted at 675 IAC 21".

(2) In the reference to ANSI B36.10M, Welded and Seamless Wrought Steel Pipe 2004, delete "2004 edition" and insert "as adopted at 680 IAC 2 [675 IAC 30]".

(3) Delete Section 2.3.5 without substitution.

(i) Amend Section 3.1 as follows:

(1) Amend the first sentence by inserting "solely" after "apply".
(2) Delete the last sentence without substitution.
(j) Amend Section 3.2 as follows:
(1) Delete the text of the definition APPROVED and insert to read as follows: APPROVED means acceptance by the authority having jurisdiction by one (1) of the following methods:
(i) Investigation or tests conducted by nationally recognized authorities; or
(ii) Investigation or tests conducted by nationally recognized technical or scientific organizations; or
(iii) Nationally accepted principles.
The investigation, tests, or principles shall establish that the method, material, equipment, design, or type of construction is safe for its intended purpose.
(2) Delete the text of the definition AUTHORITY HAVING JURISDICTION and insert to read as follows: AUTHORITY HAVING JURISDICTION means the Division of Fire and Building Safety or officer of a local unit of government empowered by law to administer and enforce the rules of the commission.
(k) Amend Section 3.3 as follows:
(1) Add the definition of BUILDING CODE to read: BUILDING CODE means the Indiana Building Code (675 IAC 13) in effect in Indiana at the time of construction, remodeling, alteration, or addition of the structure.
(2) Add the definition of DESIGN PROFESSIONAL to read: DESIGN PROFESSIONAL means an architect who is registered under IC 25-4 or a professional engineer who is registered under IC 25-31.
(3) Add the definition of DIVISION OF FIRE AND BUILDING SAFETY to read: DIVISION OF FIRE AND BUILDING SAFETY means the Division of Fire and Building Safety of the Indiana Department of Homeland Security created pursuant to IC 10-19-7.
(4) Add the definition of FIRE CODE to read: FIRE CODE means the Indiana Fire Code (675 IAC 22) in effect in Indiana at the time of inspection by the authority having jurisdiction or, with respect to construction required to be filed under 675 IAC 12-6, 675 IAC 22 in effect at the time of construction, remodeling, alteration, or addition of the structure.
(5) Delete the text of the definition LABELED and insert to read as follows: LABELED means equipment or materials to which has been attached a label, symbol, or other identifying mark of an organization engaged in product evaluation, that maintains periodic inspection of production of labeled equipment or materials, and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.
(6) Delete the text of the definition LISTED and insert to read as follows: LISTED means equipment or materials included in a list published by an organization engaged in product evaluation, that maintains periodic inspection of production of listed equipment or materials, and whose listing states either that the equipment or material meets appropriate standards or has been tested and found suitable for use in a specified manner.
(7) Add the definition of PLUMBING CODE to read: PLUMBING CODE means the Indiana Plumbing Code (675 IAC 16) in effect at the time of construction, remodeling, alteration, or addition of the structure.
(8) Add the definition of QUALIFIED to read: QUALIFIED means a design professional (IC 25-4 or IC 25-31) or a person having successfully completed a course of instruction related to the equipment being installed, serviced, or repaired. Such instruction shall be provided by the manufacturer of the equipment or their authorized representative.
(9) Delete the text of the definition RESIDENTIAL OCCUPANCIES and insert to read as follows: RESIDENTIAL OCCUPANCIES means residential occupancies, as included in the scope of this standard, include the following:
(i) Apartment buildings.
(ii) Lodging and rooming houses.
(iii) Board and care facilities.

(iv) Hotels, motels, and dormitories.

(v) Fraternities and sororities, including congregate living facilities.

(10) Add the definition of TOWNHOUSE to read: TOWNHOUSE means a single-family dwelling unit constructed in a group of three or more attached units separated by property lines in which each unit extends from foundation to roof and with open space on at least two (2) sides and is regulated by the Indiana Residential Code (675 IAC 14) as a Class 1 structure.

(l) Amend Section 5.2.12.1.3.3 by deleting "and where accepted by the authority having jurisdiction".

(m) Amend Section 6.6.6 by adding (675 IAC 21) after "Safety Code for Elevators and Escalators".

(n) Amend Section 7.3.1 by deleting "local code" and inserting "Indiana Building Code".

(o) Delete the text of 8.1.1 and insert to read as follows: Plans and specifications shall be filed as required by the General Administrative Rules in 675 IAC 12-6.

(p) Delete Section 8.1.2 without substitution.

(q) Delete the text of Section 9.3 and insert to read as follows: The water supply sources shall be one of the following:

(1) A connection to the water purveyor's distribution system with or without a booster pump, as required.

(2) An elevated tank.

(3) An approved pressure tank.

(4) A stored water source with an automatically operated pump, installed in accordance with NFPA 20, Standard for the Installation of Centrifugal Fire Pumps, as adopted at 675 IAC 13-1-10.

(r) Amend Section 10.1.1 by deleting "prior to asking for approval of the installation".

(s) Amend Section 10.1.2 by deleting "prior to asking for approval of the installation".

(t) Amend Figure 10.1.2 as follows:

(1) In the second paragraph, first sentence, delete "approving authority".

(2) In the second paragraph, second sentence, delete "approving authority's requirements" and insert "the requirements of this standard".

(3) Delete the category titled "Plans" without substitution.

(u) Delete the text of Section 10.1.3 and insert to read as follows: "The certificate(s) shall be available on-site to the authority having jurisdiction".

(v) Delete Section 10.1.4 without substitution.

(w) Add Section 11.3.1 to read as follows: Sprinkler systems shall be maintained as required by 675 IAC 12-4-9 and required sprinkler systems shall remain operational as required by the Indiana Fire Code.

(x) Add Section 11.3.2 to read as follows: Sprinkler systems out of service shall comply with the requirements of the Indiana Fire Code.

(y) The annexes are not adopted as part of this code and are intended for use as a guide only, and are not enforceable as part of this code.

(Fire Prevention and Building Safety Commission; 675 IAC 28-1-6; filed Aug 28, 2012, 2:03 p.m.: 20120926-IR-675110684FRA; readopted filed Jul 3, 2018, 2:22 p.m.: 20180801-IR-675180204RFA)