NFPA 14-2000 Standard for the Installation of Standpipe, Private Hydrant, and Hose Systems

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675 IAC 13-1-9 NFPA 14

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

Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 9. (a) Standard for the Installation of Standpipe, Private Hydrant, and Hose Systems, NFPA 14, 2000, published by National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, Massachusetts 02269-9101 is adopted by reference except as revised hereafter.

(b) The following documents referenced in NFPA 14 are not adopted, are not enforceable, and are referenced for information purposes only:

(1) NFPA 22.

(2) ASTM E380.

(c) Amend section 1-2 to read as follows: The purpose of this standard is to provide a reasonable degree of protection for life and property from fire through standardization of design, installation, and testing requirements for standpipe systems based upon sound engineering principles, test data, and field experience. For alternate methods, materials, and design, see the General Administrative Rules (675 IAC 12-6-11).

(d) Delete the exception in section 1-3 without substitution.

(e) Amend the following definitions in section 1-4 to read as follows:

APPROVED means, as to materials, equipment, and types of construction, acceptance by the authority having jurisdiction by one (1) of the following methods: investigation or tests conducted by recognized authorities; or investigation or tests conducted by technical or scientific organizations; or accepted principles. The investigation, tests, or principles shall establish that the materials, equipment, and types of construction are safe for their intended purpose.

AUTHORITY HAVING JURISDICTION means the state building commissioner or officer of a local unit of government empowered by law to administer and enforce the rules of the commission. For the purposes of Industrialized Building Systems (675 IAC 15), authority having jurisdiction means the state building commissioner.

LISTED. 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.

(f) Add the following definition to section 1-4: 1-4.15.1 NFPA 13; Installation of sprinkler systems means 675 IAC 13-1-8.

(g) Amend subsection 2-5, Exception No. 3 to read as follows: A nonindicating valve, such as an underground gate valve with approved roadway box complete with T-wrench, approved by the authority having jurisdiction.

(h) Amend subsection 2-6.1.3 to read as follows: Where a fire-resistive assembly is penetrated by a cabinet, the fire resistance of the assembly shall be maintained.

(i) Delete subsection 2-6.2.1 without substitution.

(j) Amend subsection 2-7, Exception to read as follows: Where the local fire department uses fittings different from those specified, fittings compatible with the local fire department equipment shall be used.

(k) Amend subsection 2-8-2, Exception to read as follows: Where the local fire department uses fittings different from those specified, fittings compatible with local fire department equipment shall be used.

(l) Amend subsection 2-9.2, Exception to read as follows: Where the local fire department uses fittings different from those specified, fittings compatible with the local fire department equipment shall be used.

(m) Delete subsection 3-1.1 in its entirety without substitution.

(n) Delete subsection 3-1.3 without substitution.

(o) Amend subsection 3-7.1 to read as follows: For automatic or semiautomatic systems, listed water flow alarms shall be provided.

(p) Amend subsection 5-3.2(f) to read as follows: (f) Where the most remote portion of a nonsprinklered floor

or story exceeds one hundred fifty (150) feet (forty-five (45) meters) of travel distance from a required exit or the most remote portion of a sprinklered floor or story exceeds two hundred (200) feet (sixty-one (61) meters) of travel distance from a required exit, additional hose connections shall be provided in approved locations.

(q) Delete the first two (2) sentences of section 5-7 and substitute to read as follows: Standpipe systems shall be designed so that the system demand can be supplied by both the attached water supply and fire department connections.

EXCEPTION: Manual standpipe systems shall be designed so that the system demand can be supplied by the fire department connections.

(r) Delete Exception No. 1 and Exception No. 2 to section 5-7(1) without substitution.

(s) Amend the last sentence of the exception to subsection 5-9.1.3.1 to read as follows: The flow rate required for the standpipe demand of a combined system in a building protected throughout by an automatic sprinkler system need not exceed one thousand (1,000) gpm (three thousand seven hundred eighty-five (3,785) L/min).

(t) Delete subsection 5-9.1.3.3 in its entirety without substitution.

(u) Delete the exception to subsection 5-10.2 without substitution.

(v) Amend the exception to subsection 5-11.1 to read as follows: Where the local fire department uses fittings different from those specified, fittings compatible with the local fire department equipment shall be used.

(w) Delete the exception to subsection 5-12.2 without substitution.

(x) Amend subsection 5-13.1 to read as follows: See local ordinance.

(y) Delete the exception to 5-13.1 without substitution.

(z) Delete subsection 5-15.2 without substitution.

(aa) Delete Chapter 6 and substitute the following: Plans and specifications shall be filed as required by the General Administrative Rules (675 IAC 12).

(bb) Amend subsection 7-1.2(2) to read as follows: Automatic fire pumps connected to an approved water source in accordance with NFPA 20, Standard for the Installation of Stationary Pumps for Fire Protection (675 IAC 13-1-10).

(cc) Amend the last sentence of subsection 7-4.3 to read as follows: This means shall be in the form of high-level water storage with additional pumping equipment.

(dd) Amend subsection 9-2.1 to read as follows: Underground piping supplying the system shall be flushed in accordance with NFPA 13 (675 IAC 13-1-8).

(ee) Amend the last sentence of subsection 9-4.1 to read as follows: Underground pipe shall be tested in accordance with NFPA 13 (675 IAC 13-1-8).

(ff) Amend subsection 9-7 to read as follows: Each alarm and supervisory device provided shall be tested in accordance with NFPA 72, National Fire Alarm Code (675 IAC 22-2.2-17).

(gg) Amend the Contractor's Material and Test Certificate for Aboveground Piping Standpipe System NFPA 14 by:

(1) changing in the Procedure section "approving authorities" in two (2) places to read "authority having jurisdiction";

(2) changing in the Plans section "Accepted By Approving Authority(s) (Names) Address" to read as follows: state building commissioner Project Number; and

(3) deleting "For Approving Authorities" in the third line of "System Operating Test Witnessed By" section.

(hh) Amend the Contractors Material and Test Certificate for Underground Piping by:

(1) changing in the Procedure section "approving authorities" in two (2) places to read authority having jurisdiction; and

(2) changing in the Plans section "Accepted By Approving Authority(s) (Names) Address" to read as follows: state building commissioner Project Number.

(ii) Amend subsection 9-8(2) to read as follows: A copy of NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems (675 IAC 22-2.2-5).

(jj) Delete Chapter 10 and substitute to read as follows: For buildings under construction, see the Indiana Fire Code (675 IAC 22).

(kk) Delete Chapter 11 in its entirety without substitution. *(Fire Prevention and Building Safety Commission; 675 IAC 13-1-9; filed Sep 5, 1986, 9:22 a.m.: 10 IR 14; filed Aug 15, 1997, 8:54 a.m.: 21 IR 96; filed Nov 14, 2001, 4:55 p.m.: 25 IR 1170; readopted filed Sep 21, 2007, 9:20 a.m.: 20071010-IR-675070388RFA; readopted filed Oct 10, 2007, 9:16 a.m: 20071031-IR-675070388RFA)*