

## Article 28 - NFPA 25-2002: Standard For the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems

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675 IAC 28-1-12 NFPA 25; standard for the inspection, testing, and maintenance of water-based fire protection systems

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

Affected: IC 10-19-2; IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 12. (a) That certain document, being titled NFPA 25-Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems, 2002 Edition, published by the National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, Massachusetts 02269-9101, be and same is hereby adopted by reference, as if fully set out in this section except as revised hereafter.

(b) The following documents referenced in NFPA 25 are not adopted, are not enforceable, and are for information purposes only:

- (1) NFPA 13D.
- (2) NFPA 16.
- (3) NFPA 22.
- (4) NFPA 110.
- (5) NFPA 307.
- (6) NFPA 409.
- (7) NFPA 1962.
- (8) ASTM D 3359.

(c) The following documents referenced in NFPA 25 are adopted and are enforceable:

- (1) NFPA 11 adopted in section 3 of this rule.
- (2) NFPA 13 adopted in 675 IAC 13-1-8.
- (3) NFPA 15 adopted in section 8 of this rule.
- (4) NFPA 20 adopted in 675 IAC 13-1-10.
- (5) NFPA 72 adopted in section 28 of this rule.

(d) Amend Section 1.1 in the fifth and sixth sentences by deleting "generally accepted practices" and substituting "the applicable rules of the commission".

(e) Amend Section 1.2 by deleting the last sentence without substitution.

(f) Amend Section 1.3 by deleting the last sentence and substituting "See 675 IAC 12-6-11.".

(g) Amend Chapter 3 as follows:

(1) Amend the following definitions to read as follows:

APPROVED means acceptance by the authority having jurisdiction by one (1) of the following methods:

- (1) Investigation or tests conducted by nationally recognized authorities; or
- (2) Investigation or tests conducted by nationally recognized technical or scientific organizations; or
- (3) 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.

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.

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.

QUALIFIED: See Qualified Individual.

(2) Add the following definitions:

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 10-19-2.

FIRE CODE means the Indiana Fire Code.

INDIANA FIRE CODE means the rules adopted at 675 IAC 22 in effect in Indiana at the time of inspection by the inspection authority 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, addition, or repair of the structure.

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.

OWNER means a corporation, limited liability company, firm, partnership, association, organization, and any other group acting as a unit, or a person who has legal title to any structure or premises with or without accompanying actual possession thereof, and shall include the duly authorized agent or attorney, a purchaser, devisee, fiduciary, and any person having a vested or contingent interest in the premises in question.

QUALIFIED INDIVIDUAL means 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.

(h) Delete subsection 4.1.2.3 and substitute the following: These tasks shall be performed by qualified individuals.

(i) Delete subsection 4.1.2.4 without substitution.

(j) Amend subsection 4.1.3 to read as follows: The owner or occupant shall notify the servicing fire department and the alarm receiving facility before testing/shutting down a system or its supply. The notification shall include the purpose for the shutdown, the system or component involved, and the estimated time of shutdown. The servicing fire department shall be notified when the system is returned to service.

(k) Delete subsection 4.1.3.1 without substitution.

(l) Delete subsection 4.1.3.2 without substitution.

(m) Delete subsection 4.1.3.3 without substitution.

(n) Amend Section 4.1.4.1 by deleting "maintenance personnel or a qualified contractor" and substituting "individuals".

(o) Delete subsection 4.1.4.2 without substitution.

(p) Amend Section 4.1.5 by deleting "evaluation of the fire protection system for their capability to protect the new occupancy, use, or materials" and substituting "compliance with the applicable rules of the commission".

(q) Delete subsection 4.1.5.2 without substitution.

(r) Amend Section 4.1.6 by deleting "promptly take steps, such as contacting a qualified contractor, consultant, or engineer, to evaluate the adequacy of the installed system in order to protect the building or hazard in question" and substituting "comply with the applicable rules of the commission".

(s) Delete subsection 4.1.6.1 without substitution.

(t) Amend Section 4.2 to read as follows: Where an impairment to a water-based fire protection system occurs, the procedures outlined in Chapter 14 of this standard shall be followed, including the attachment of a tag to the impaired system. The servicing fire department shall be notified when a system is impaired and when the system is returned to service.

(u) Amend 4.5.1 to insert "qualified individuals" before "to verify".

(v) Delete 4.9 in its entirety without substitution.

(w) Amend Section 5.2.1.2 by deleting "Unacceptable obstructions" and substituting "Obstructions".

(x) In subsection 5.2.5, delete "adequate" in the last sentence.

(y) Amend Section 6.3 by deleting "person" and substituting "individual" in the first sentence.

(z) Delete Section 6.3.1.2 without substitution.

(aa) Delete subsection 7.1.3 without substitution.

(bb) In subsection 7.3.1.2, amend to read as follows: Any flow test results that indicate deterioration of

available water flow and pressure shall be investigated to ensure that the available water flow and pressure provide the water flow and pressure the fire protection system was designed to provide.

(cc) Delete subsection 7.3.4 without substitution.

(dd) In subsection 8.3.4.1, delete all text after "tested".

(ee) In subsection 8.3.4.2, delete all text after "tested".

(ff) Amend Section 10.3 to read as follows: Water spray fixed systems shall be maintained to ensure they perform as designed. Frequency of system tests shall be in accordance with Table 10.1. They shall be serviced in accordance with this standard and with the manufacturer's instructions.

(gg) Amend subsection 10.3.2.3 to read as follows: The owner's representative and the servicing fire department or fire brigade shall be notified that testing is to be conducted so they have the opportunity to observe the inspection and testing of the water spray fixed system.

(hh) Amend subsection 10.3.4.4.2 to read as follows: A second pressure reading shall be recorded at the deluge valve.

(ii) Amend subsection 10.3.4.4.3 to read as follows: Readings shall be compared to the hydraulic design pressures to ensure the original system design requirements are met.

(jj) In subsection 10.3.5, delete everything after "tested simultaneously".

(kk) Amend subsection 11.1.2.1 to read as follows: This section shall apply to foam-water systems.

(ll) In subsection 12.3.1.2, delete "applicable NFPA standards" and substitute "rules of the commission".

(mm) In subsection 12.3.1.3, delete "applicable NFPA standard" and substitute "rules of the commission".

(nn) In subsection 12.3.2.1.1, delete "applicable NFPA standards" and substitute "rules of the commission".

(oo) Amend subsection 12.6.1.1.1 to read as follows: Valves secured with locks or electrically supervised in accordance with the rules of the commission shall be inspected monthly.

(pp) In subsection 12.6.1.2.1, amend the exception to read as follows: Valves secured with locks or electrically supervised in accordance with the rules of the commission shall be inspected monthly.

(qq) Amend Section 12.6.2.1 by deleting ", as required by the authority having jurisdiction," without substitution.

(rr) Amend subsection 12.6.3.1 by deleting "trained" and substituting "qualified".

(ss) Amend Section 12.6.3.2 by deleting "the authority having jurisdiction and" without substitution.

(tt) Amend Section 13.2.1.1 by deleting "alternative" and substituting "approved".

(uu) Amend Section 13.2.3.3 by deleting "alternative" and substituting "approved".

(vv) Amend Section 13.3.1 by deleting "alternative" and substituting "approved".

(ww) Delete 14.2.3 without substitution.

(xx) Delete 14.3.3 without substitution.

(yy) Amend Section 14.5.2(3) by deleting the first sentence and "(d) \*Establishment and implementation of an approved program to eliminate potential ignition sources and limit the amount of fuel available to the fire.".

(zz) Chapter 2 and the annexes are not adopted as part of this code and are intended for use as a guide, and the standards referenced therein are not enforceable as part of this code. (*Fire Prevention and Building Safety Commission; 675 IAC 28-1-12; filed Aug 23, 2006, 4:03 p.m.: 20060906-IR-675050104FRA*)