Article 28 - NFPA 407-2001: Standard For Aircraft Fuel Servicing

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675 IAC 28-1-36 NFPA 407; standard for aircraft fuel servicing

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. 36. (a) That certain standard, being titled as NFPA 407, 2001 Edition, Standard for Aircraft Fuel Servicing, published by the National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, Massachusetts 02269-9101, be and the 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 407 are not adopted, are not enforceable, and are for information purposes only:

(1) NFPA 30.

(2) NFPA 410.

(3) NFPA 415.

(4) NFPA 418.

(5) ANSI B 31.3.

(6) API Bulletin 1529.

(7) ASTM D 380.

(8) AWS A 5.10.

(9) UL 913.

(10) Title 49, Code of Federal Regulations.

(c) The following documents referenced in NFPA 407 are adopted and are enforceable:

(1) NFPA 10, as adopted in section 2 of this rule.

(2) NFPA 70, as adopted in 675 IAC 17.

(3) NFPA 385, as adopted in section 34 of this rule.

(d) When the provisions of the Indiana Fire Code apply, they shall take precedence over the provisions of this standard.

(e) Amend Chapter 3 to read as follows:

(1) Amend the following definitions:

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.

DIVISION OF FIRE AND BUILDING SAFETY means that division of the Indiana Department of Homeland Security.

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.

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.

(2) Add the following definitions:

BUILDING CODE means the building code in effect in Indiana at the time of construction, remodeling, alteration, addition, or repair of the structure.

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.

NFPA 30 means the Indiana Fire Code.

NFPA 70 means the Indiana Electrical Code (675 IAC 17).

QUALIFIED means having successfully completed a course of instruction related to the equipment being installed, serviced, or repaired.

(f) In the second line of Section 4.3.1.1, delete "safe" and insert "listed".

(g) In Section 4.3.14.4, delete "adequately".

(h) Amend Section 4.4.1 to read as follows: Plans and specifications shall be filed as required by 675 IAC 12.

(i) In Section 4.4.2, delete "and approve" and replace "shall" with "may".

(j) In Section 4.4.4.2, delete the first sentence and substitute the following: Clearances required from runways, taxiways, and other aircraft movement and servicing areas to any aboveground fuel storage or fuel transfer equipment shall be in accordance with national and international standards establishing clearances from obstructions.

(k) Delete Section 4.4.6.4 and substitute to read as follows: Piping, valves, and fittings shall be listed for their use.

(l) Amend Section 4.4.11.1 to read as follows: Ramps used for aircraft fueling shall slope away from buildings and loading walkways at a grade of not less than one (1) percent for the first fifty (50) feet (15,240 mm). The balance of such ramps shall slope to a drainage system at a grade not less than one-half percent (.5%). When drainage inlets are provided, they shall be at least fifty (50) feet (15,420 mm) from buildings and loading walkways.

(m) In Section 4.4.13, add the following sentence to the end: All test results shall be submitted to the authority having jurisdiction before the system is placed in service.

(n) Amend Section 4.5.1.1 to read as follows: Fueling on rooftop heliports shall not be permitted.

(o) Amend Section 4.5.2.1 to read as follows: Basic Construction and Protection Requirements. In addition to the special requirements of this chapter, heliports shall comply with the Indiana Fire Code (675 IAC 22) and the Indiana Building Code (675 IAC 13).

(p) In Section 4.5.4, amend the first sentence to read as follows: Piping above grade shall be steel and shall be cased or shall be installed in a duct or chase.

(q) Amend Section 4.5.10 to read as follows: Fixed fire protection systems shall be in accordance with the Indiana Fire Code (675 IAC 22).

(r) Amend Section 4.6.1 to read as follows: Self-service fueling shall be permitted, subject to the requirements of this standard and the Indiana Fire Code (675 IAC 22).

(s) Amend Section 4.6.3.4 to read as follows: Dispensing devices shall be protected in accordance with section 2206.7.3 of the Indiana Fire Code (675 IAC 22).

(t) Amend Section 5.2.6 to read as follows: Unauthorized discharges of hazardous materials shall be reported and documented in accordance with the Indiana Fire Code (675 IAC 22) Chapter 27.

(u) Amend Section 5.3.5 to read as follows: Records shall be kept of tests required by this standard. These records shall be made available to the inspection authority upon request.

(v) Delete Section 5.8.4 without substitution.

(w) In Section 5.13.6, delete "they might be expected to use".

(x) Chapter 2 and the annexes are not adopted as part of this standard 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 28-1-36; filed Aug 23, 2006, 4:03 p.m.: 20060906-IR-675050104FRA)*