Article 28 - NFPA 34-2003: Dipping and Coating Processes Using Flammable or Combustible Liquids

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675 IAC 28-1-14 NFPA 34; dipping and coating processes using flammable or combustible liquids

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. 14. (a) That certain standard, being titled as NFPA 34, Dipping and Coating Processes Using Flammable or Combustible Liquids, 2003 Edition, 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 34 are not adopted, are not enforceable, and are for information purposes only:

(1) NFPA 30.

(2) NFPA 91.

(3) ASTM D 92.

(c) The following documents referenced in NFPA 34 are adopted and are enforceable:

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

(2) NFPA 11 adopted in section 3 of this rule.

(3) NFPA 12 adopted in section 4 of this rule.

(4) NFPA 13 adopted in 675 IAC 13-1-8.

(5) NFPA 15 adopted in section 8 of this rule.

(6) NFPA 17 adopted in section 9 of this rule.

(7) NFPA 70 adopted in 675 IAC 17.

(8) NFPA 2001 adopted in section 40 of this rule.

(d) In Section 1.2.1, delete everything after the first sentence.

(e) Delete Section 1.4 without substitution.

(f) Amend Section 1.5 by deleting in its entirety and substituting "See 675 IAC 12-6-11.".

(g) Amend Chapter 3 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.

BOILING POINT means the boiling point of a liquid as referenced in the Indiana Fire Code (675 IAC 22).

CLOSED CONTAINER means a container sealed by means of a lid or other device such that liquid, vapor, or dusts will not escape from it under ordinary conditions of use or handling.

DIP TANK means a tank, vat, or container of flammable or combustible liquid into which objects or materials are immersed for the purpose of coating, finishing, treating, or similar processes.

LABELED means equipment, devices, appliances, 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.

LIQUID means a material that has a melting point which is equal to or less than sixty-eight degrees Fahrenheit (68°F) (twenty degrees Celsius (20°C)) and a boiling point which is greater than sixty-eight degrees Fahrenheit (68°F) (twenty degrees Celsius (20°C)) at 14.7 psi (101.3 kPa). When not otherwise identified, the term "liquid" includes both flammable and combustible liquids.

LISTED means equipment, appliances, devices 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.

NONCOMBUSTIBLE MATERIAL, as applied to building construction materials, means a material which, in the form in which it is used, is either one (1) of the following:

1. Material of which no part will ignite and burn when subjected to fire. Any material conforming to ASTM E 136 shall be considered noncombustible.

2. Material having a structural base of noncombustible material as defined in Item 1 above, with a surfacing material not over one-eighth (1/8) inch (3.2 mm) thick which has a flame-spread rating of fifty (50) or less.

"Noncombustible" does not apply to surface finish materials. Material required to be noncombustible for reduced clearances to flues, heating appliances, or other sources of high temperature shall consist of material conforming to Item 1. No material shall be classed as noncombustible that is subject to increase in combustibility or flame-spread rating, beyond the limits herein established, through the effects of age, moisture, or other atmospheric condition. Flame-spread rating as used herein refers to rating obtained according to tests conducted as specified in ASTM E 84-99.

(2) Add the following definitions:

BUILDING CODE means the Indiana 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.

ELECTRICAL CODE means the Indiana Electrical Code in effect in Indiana at the time of construction, remodeling, alteration, addition, or repair of the structure.

INDIANA BUILDING CODE means the rules adopted at 675 IAC 13 in effect in Indiana at the time of construction, remodeling, alteration, addition, or repair of the structure.

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.

MECHANICAL CODE means the Indiana Mechanical Code in effect in Indiana at the time of construction, remodeling, alteration, addition, or repair of the structure.

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

(h) Amend Section 4.2 to read as follows: Dipping and coating processes shall be separated from other operations, materials, or occupancies in accordance with the Indiana Building Code (675 IAC 13).

(i) Delete the text of Section 4.5 and substitute to read as follows: Dipping and coating processes shall be located in accordance with the Indiana Building Code (675 IAC 13).

(j) In Section 5.7.3, after "safe", insert "outside".

(k) In Section 5.8.2, delete "NFPA 30, Flammable and Combustible Liquids Code" and insert "the Indiana Fire Code".

(l) In Section 7.2, delete "NFPA 91, Standard for Exhaust Systems for Air Conveyors and Materials" and insert "the Mechanical Code (675 IAC 18)".

(m) In Section 7.4, delete "and adequate supply of" at the beginning of the first sentence.

(n) Delete the text of Section 7.7 and substitute to read as follows: Exhaust ducts and fasteners shall be in accordance with the Mechanical Code.

(o) Delete the title and text of Chapter 8 and substitute to read as follows: Storage, handling, and mixing of flammable and combustible liquids shall be in accordance with the Indiana Fire Code.

(p) In Section 9.2, delete "authority having jurisdiction" and insert "building code" (675 IAC 13).

(q) Delete Section 10.7 and substitute to read as follows: Where maintenance operations involve the use of welding, burning, or grinding equipment, such operations shall be in accordance with Chapter 26 of the Indiana Fire Code.

(r) Delete Chapter 12 without substitution.

(s) 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 28-1-14; filed Aug 23, 2006, 4:03 p.m.: 20060906-IR-675050104FRA)*