NFPA 50B-1999 Liquefied Hydrogen Systems at Consumer Sites

NFPA 50B-1999 Standard for Liquefied Hydrogen Systems at Consumer Sites (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 28-1-17 NFPA 50B; standard for liquefied hydrogen systems at consumer sites

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. 17. (a) That certain document, being titled NFPA 50B, Standard for Liquefied Hydrogen Systems at Consumer Sites, 1999 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 50B are not adopted, are not enforceable, and are for information purposes only:

(1) NFPA 220.
(2) NFPA 496.
(3) ASME B31.3.
(4) CGA S-1.1.
(5) CGA S-1.2.
(6) CGA S-1.3.
(7) ASTM E136-96a.
(8) Title 49, Code of Federal Regulations.

(c) The following documents referenced in NFPA 50B are adopted and is [sic., are] enforceable:

(1) NFPA 70 as adopted at 675 IAC 17.
(2) ASME Boiler and Pressure Vessel Code, as adopted at 680 IAC 2-1-1 [675 IAC 30-1-1].

(d) Delete Section 1-2 in its entirety without substitution.

(e) In Section 1-3, 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.

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. OUTDOOR LOCATION means outside of any building or structure.

(f) In Section 1-3, 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.

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. Such instruction shall be provided by the manufacturer of the equipment or their authorized representative.

(g) Delete Section 4-1.2 without substitution.

(h) Delete the text of Section 4-2 and substitute to read as follows: Buildings or portions of buildings which contain liquefied hydrogen shall be constructed in accordance with the Indiana Building Code (675 IAC 13).

(i) Delete Section 4-3 without substitution.

(j) Chapter 8 and the appendices 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 28-1-17; filed Aug 23, 2006, 4:03 p.m.: 20060906-IR-675050104FRA; readopted filed Aug 8, 2012, 8:08 a.m.: 20120905-IR-675120260RFA; readopted filed Jul 3, 2018, 2:22 p.m.: 20180801-IR-675180204RFA)