NFPA 59A-2001 Production, Storage, and Handling of Liquefied Natural Gas (LNG)

NFPA 59A-2001 Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) (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 28-1-24 NFPA 59A; standard for the production, storage, and handling of liquefied natural gas (LNG)

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. 24. (a) That certain document, being titled NFPA 59A-Standard for the Production, Storage and Handling of Liquefied Natural Gas (LNG), 2001 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 59A are not adopted, are not enforceable, and are for information purposes only:

(1) NFPA 11A.
(2) NFPA 12A.
(3) NFPA 16.
(4) NFPA 22.
(5) NFPA 24.
(6) NFPA 30.
(7) NFPA 54.
(8) NFPA 101.
(9) NFPA 255.
(10) NFPA 600.
(11) NFPA 701.
(12) NFPA 1221.
(13) NFPA 1901.
(14) ACI 301.
(15) ACI 304.6R.
(16) ACI 311.4R.
(17) ACI 318.
(18) ACI 318R.
(19) ACI 344R-W.
(20) ACI 372R.
(21) ACI 373R.
(22) ACI 506.2.
(23) API 6D.
(24) API 620.
(25) API 2510.
(26) ASCE 7.
(27) ASME B31.3.
(28) ASME B31.5.
(29) ASME B31.8.
(30) ASTM A366.

(31) ASTM A416.
(32) ASTM A421.
(33) ASTM A615.
(34) ASTM A722.
(35) ASTM A821.
(36) ASTM A966.
(37) ASTM C33.
(38) ASTM E380.
(39) CGA 341.
(40) CGA S-1.3.
(41) CSA B51.
(42) CAN 4-S102.
(43) CAN 3-A23.3.
(44) CAN 3-A23.4.
(45) CAN A23.1.
(46) CSA G279.
(47) CSA C22.1.
(48) CSA G30.3.
(49) CSA G30.5.
(50) CSA G30.18.
(51) NEHRP Recommended Provisions for Seismic Regulation for New Buildings and Other Structures-1997.
(52) GRI Report 96/0396.5.
(53) GRI Report 0176.
(54) GRI Report 0242.
(55) Uniform Building Code 1994.
(56) NACE RP 0169.
(c) The following documents are adopted and are enforceable:
(1) NFPA 10, as adopted in section 2 of this rule.
(2) NFPA 11, as adopted in section 3 of this rule.
(3) NFPA 12, as adopted in section 4 of this rule.
(4) NFPA 13, as adopted in 675 IAC 13-1-8.
(5) NFPA 14, as adopted in 675 IAC 13-1-9.
(6) NFPA 15, as adopted in section 8 of this rule.
(7) NFPA 17, as adopted in section 9 of this rule.
(8) NFPA 20, as adopted in 675 IAC 13-1-10.
(9) NFPA 37, as adopted in section 15 of this rule.
(10) NFPA 58, as adopted in 675 IAC 22-2.2-14.
(11) NFPA 59, as adopted in section 23 of this rule.
(12) NFPA 70, as adopted in 675 IAC 17.
(13) NFPA 72, as adopted in section 28 of this rule.
(14) NFPA 385, as adopted in section 34 of this rule.
(15) ASME Boiler and Pressure Vessel Code, as adopted at 680 IAC 2-1-1 [675 IAC 30-1-1]
(d) Amend Section 1.2 by deleting in its entirety and substituting "See 675 IAC 12-6-11.".
(e) Delete Section 1.3 in its entirety without substitution.
(f) Delete Section 1.6 without substitution.
(g) Amend Section 1.7 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.

FLAME SPREAD RATING means the flame spread rating of materials.

(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.

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.

NFPA 30 means the Indiana Fire Code.

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

TRAINED means one who has undergone the instructions necessary to design, install, and perform maintenance and inspections.

(h) Amend Section 2.2.2.5 by deleting "NFPA 30, Flammable and Combustible Liquids Code" and substituting "the Indiana Fire Code".

(i) Amend Section 2.2.3.2(a)(3) by deleting "NFPA 101, Life Safety Code" and substituting "the Building Code".

(j) Amend Section 2.2.4.1 by deleting the exception in its entirety without substitution.

(k) Delete Section 2.6 in its entirety without substitution.

(l) Amend Section 2.7.5 by deleting "in accordance with 2.2.1 of ACI 344R-W, Design and Construction of Circular Wire and Strand Wrapped Prestressed Concrete Structures".

(m) Amend Section 3.4.3 by deleting "designed and fabricated in accordance with the standards of the Tubular Exchanger Manufacturers Association (TEMA)" and substituting "listed for their intended use".

(n) Amend Section 4.1.1 by deleting "qualified" and inserting "trained".

(o) Amend Section 4.1.7.1 to read as follows: LNG containers shall be installed on foundations in accordance with rules of the commission.

(p) Amend Section 7.7.1 by adding at the end of the first sentence "in accordance with the Indiana Electrical Code (675 IAC 17)".

(q) Amend Section 8.4.1 by deleting "requirements of the authorities having jurisdiction" and inserting "rules of the commission".

(r) Amend Section 9.5.2 by deleting the last sentence without substitution.

(s) Delete Section 10.2.5 in its entirety without substitution.

(t) Amend Section 10.6.2 by deleting the exception without substitution.

(u) Amend Section 10.10.4 by deleting, in Exception No. 2, "without" and substituting "with".

(v) Amend Section 11.3.6.2(b), 11.3.6.2(c), and 11.3.6.2(d) by deleting "acceptable" and inserting "approved".

(w) Chapter 12 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 28-1-24; 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)