

ARTICLE 13. BUILDING CODES

Rule 1. Fire and Building Safety Standards

675 IAC 13-1-1 Fire safety standards (Expired)

Sec. 1. (Expired under IC 4-22-2.5, effective January 1, 2002.)

675 IAC 13-1-2 Building safety standards (Repealed)

Sec. 2. (Repealed by Fire Prevention and Building Safety Commission; filed Oct 2, 1989, 4:25 p.m.: 13 IR 293)

675 IAC 13-1-3 Availability of adopted matter (Expired)

Sec. 3. (Expired under IC 4-22-2.5, effective January 1, 2007.)

675 IAC 13-1-4 NFPA 11 (Repealed)

Sec. 4. (Repealed by Fire Prevention and Building Safety Commission; filed Aug 23, 2006, 4:03 p.m.: 20060906-IR-675050104FRA)

675 IAC 13-1-5 NFPA 12 (Repealed)

Sec. 5. (Repealed by Fire Prevention and Building Safety Commission; filed Aug 23, 2006, 4:03 p.m.: 20060906-IR-675050104FRA)

675 IAC 13-1-6 NFPA 12A (Repealed)

Sec. 6. (Repealed by Fire Prevention and Building Safety Commission; filed Aug 15, 1997, 8:54 a.m.: 21 IR 104)

675 IAC 13-1-7 NFPA 12B (Repealed)

Sec. 7. (Repealed by Fire Prevention and Building Safety Commission; filed Aug 15, 1997, 8:54 a.m.: 21 IR 104)

675 IAC 13-1-8 NFPA 13; installation of sprinkler systems (Repealed)

Sec. 8. (Repealed by Fire Prevention and Building Safety Commission; filed Aug 28, 2012, 2:00 p.m.: 20120926-IR-675110683FRA)

675 IAC 13-1-9 NFPA 14

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

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

Sec. 9. (a) Standard for the Installation of Standpipe, Private Hydrant, and Hose Systems, NFPA 14, 2000, published by National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, Massachusetts 02269-9101 is adopted by reference except as revised hereafter.

(b) The following documents referenced in NFPA 14 are not adopted, are not enforceable, and are referenced for information purposes only:

(1) NFPA 22.

(2) ASTM E380.

(c) Amend section 1-2 to read as follows: The purpose of this standard is to provide a reasonable degree of protection for life

BUILDING CODES

and property from fire through standardization of design, installation, and testing requirements for standpipe systems based upon sound engineering principles, test data, and field experience. For alternate methods, materials, and design, see the General Administrative Rules (675 IAC 12-6-11).

(d) Delete the exception in section 1-3 without substitution.

(e) Amend the following definitions in section 1-4 to read as follows:

APPROVED means, as to materials, equipment, and types of construction, acceptance by the authority having jurisdiction by one (1) of the following methods: investigation or tests conducted by recognized authorities; or investigation or tests conducted by technical or scientific organizations; or accepted principles. The investigation, tests, or principles shall establish that the materials, equipment, and types of construction are safe for their intended purpose.

AUTHORITY HAVING JURISDICTION means the state building commissioner or officer of a local unit of government empowered by law to administer and enforce the rules of the commission. For the purposes of Industrialized Building Systems (675 IAC 15), authority having jurisdiction means the state building commissioner.

LISTED. 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.

(f) Add the following definition to section 1-4: 1-4.15.1 NFPA 13; Installation of sprinkler systems means 675 IAC 13-1-8.

(g) Amend subsection 2-5, Exception No. 3 to read as follows: A nonindicating valve, such as an underground gate valve with approved roadway box complete with T-wrench, approved by the authority having jurisdiction.

(h) Amend subsection 2-6.1.3 to read as follows: Where a fire-resistive assembly is penetrated by a cabinet, the fire resistance of the assembly shall be maintained.

(i) Delete subsection 2-6.2.1 without substitution.

(j) Amend subsection 2-7, Exception to read as follows: Where the local fire department uses fittings different from those specified, fittings compatible with the local fire department equipment shall be used.

(k) Amend subsection 2-8-2, Exception to read as follows: Where the local fire department uses fittings different from those specified, fittings compatible with local fire department equipment shall be used.

(l) Amend subsection 2-9.2, Exception to read as follows: Where the local fire department uses fittings different from those specified, fittings compatible with the local fire department equipment shall be used.

(m) Delete subsection 3-1.1 in its entirety without substitution.

(n) Delete subsection 3-1.3 without substitution.

(o) Amend subsection 3-7.1 to read as follows: For automatic or semiautomatic systems, listed water flow alarms shall be provided.

(p) Amend subsection 5-3.2(f) to read as follows: (f) Where the most remote portion of a nonsprinklered floor or story exceeds one hundred fifty (150) feet (forty-five (45) meters) of travel distance from a required exit or the most remote portion of a sprinklered floor or story exceeds two hundred (200) feet (sixty-one (61) meters) of travel distance from a required exit, additional hose connections shall be provided in approved locations.

(q) Delete the first two (2) sentences of section 5-7 and substitute to read as follows: Standpipe systems shall be designed so that the system demand can be supplied by both the attached water supply and fire department connections.

EXCEPTION: Manual standpipe systems shall be designed so that the system demand can be supplied by the fire department connections.

(r) Delete Exception No. 1 and Exception No. 2 to section 5-7(1) without substitution.

(s) Amend the last sentence of the exception to subsection 5-9.1.3.1 to read as follows: The flow rate required for the standpipe demand of a combined system in a building protected throughout by an automatic sprinkler system need not exceed one thousand (1,000) gpm (three thousand seven hundred eighty-five (3,785) L/min).

(t) Delete subsection 5-9.1.3.3 in its entirety without substitution.

(u) Delete the exception to subsection 5-10.2 without substitution.

(v) Amend the exception to subsection 5-11.1 to read as follows: Where the local fire department uses fittings different from those specified, fittings compatible with the local fire department equipment shall be used.

(w) Delete the exception to subsection 5-12.2 without substitution.

(x) Amend subsection 5-13.1 to read as follows: See local ordinance.

(y) Delete the exception to 5-13.1 without substitution.

(z) Delete subsection 5-15.2 without substitution.

(aa) Delete Chapter 6 and substitute the following: Plans and specifications shall be filed as required by the General Administrative Rules (675 IAC 12).

(bb) Amend subsection 7-1.2(2) to read as follows: Automatic fire pumps connected to an approved water source in accordance with NFPA 20, Standard for the Installation of Stationary Pumps for Fire Protection (675 IAC 13-1-10).

(cc) Amend the last sentence of subsection 7-4.3 to read as follows: This means shall be in the form of high-level water storage with additional pumping equipment.

(dd) Amend subsection 9-2.1 to read as follows: Underground piping supplying the system shall be flushed in accordance with NFPA 13 (675 IAC 13-1-8).

(ee) Amend the last sentence of subsection 9-4.1 to read as follows: Underground pipe shall be tested in accordance with NFPA 13 (675 IAC 13-1-8).

(ff) Amend subsection 9-7 to read as follows: Each alarm and supervisory device provided shall be tested in accordance with NFPA 72, National Fire Alarm Code (675 IAC 22-2.2-17).

(gg) Amend the Contractor's Material and Test Certificate for Aboveground Piping Standpipe System NFPA 14 by:

(1) changing in the Procedure section "approving authorities" in two (2) places to read "authority having jurisdiction";

(2) changing in the Plans section "Accepted By Approving Authority(s) (Names) Address" to read as follows: state building commissioner Project Number; and

(3) deleting "For Approving Authorities" in the third line of "System Operating Test Witnessed By" section.

(hh) Amend the Contractors Material and Test Certificate for Underground Piping by:

(1) changing in the Procedure section "approving authorities" in two (2) places to read authority having jurisdiction; and

(2) changing in the Plans section "Accepted By Approving Authority(s) (Names) Address" to read as follows: state building commissioner Project Number.

(ii) Amend subsection 9-8(2) to read as follows: A copy of NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems (675 IAC 22-2.2-5).

(jj) Delete Chapter 10 and substitute to read as follows: For buildings under construction, see the Indiana Fire Code (675 IAC 22).

(kk) Delete Chapter 11 in its entirety without substitution. (*Fire Prevention and Building Safety Commission; 675 IAC 13-1-9; filed Sep 5, 1986, 9:22 a.m.: 10 IR 14; filed Aug 15, 1997, 8:54 a.m.: 21 IR 96; filed Nov 14, 2001, 4:55 p.m.: 25 IR 1170; readopted filed Sep 21, 2007, 9:20 a.m.: 20071010-IR-675070388RFA; readopted filed Oct 10, 2007, 9:16 a.m.: 20071031-IR-675070388RFA; readopted filed Aug 7, 2013, 8:51 a.m.: 20130904-IR-675130181RFA*)

675 IAC 13-1-9.5 NFPA 17 (Repealed)

Sec. 9.5. (*Repealed by Fire Prevention and Building Safety Commission; filed Aug 23, 2006, 4:03 p.m.: 20060906-IR-675050104FRA*)

675 IAC 13-1-9.6 NFPA 17A (Repealed)

Sec. 9.6. (*Repealed by Fire Prevention and Building Safety Commission; filed Aug 23, 2006, 4:03 p.m.: 20060906-IR-675050104FRA*)

675 IAC 13-1-10 NFPA 20; installation of stationary pumps for fire protection

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

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

Sec. 10. (a) Standard for the Installation of Stationary Pumps for Fire Protection, NFPA 20, 1999, published by National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, Massachusetts 02269-9101 is adopted by reference except as revised hereafter.

BUILDING CODES

(b) The following documents referenced in NFPA 20 are not adopted, are not enforceable, and are for information purposes only:

- (1) NFPA 24, and NFPA 110.
- (2) Hydraulic Institute Standards for Centrifugal, Rotary, and Reciprocating Pumps.
- (3) NEMA Standards.
- (4) SAE Standards, J-1349.
- (5) ANSI/IEEE C62.1, C62.11, C62.41.
- (6) ASTM-E.380.

(c) Delete the last sentence of subsection 1-2.1 and substitute to read as follows: For alternate methods, materials, and design, see the General Administrative Rules (675 IAC 12-6-11).

(d) Delete subsection 1-2.2 in its entirety without substitution.

(e) Delete subsection 1-4.3 and substitute the following: Plans and specifications shall be filed as required by the General Administrative Rules (675 IAC 12-6).

(f) Delete subsection 1-5 without substitution.

(g) Change the last sentence of section 1-7 to read as follows: The purchaser shall furnish this data to the authority having jurisdiction when requested.

(h) Amend the following definitions in section 1-8 to read as follows:

APPROVED means, as to materials, equipment, and types of construction, accepted by the authority having jurisdiction by one (1) of the following methods: investigation or tests conducted by recognized authorities; or investigation or tests conducted by technical or scientific organizations; or accepted principles. The investigation, tests, or principles shall establish that the materials, equipment, and types of construction are safe for their intended purpose.

AUTHORITY HAVING JURISDICTION means the state building commissioner or officer of a local unit of government empowered by law to administer and enforce the rules of the commission. For the purposes of Industrialized Building Systems (675 IAC 15), authority having jurisdiction means the state building commissioner.

LISTED. Equipment or materials included in a list published by an organization engaged in product evaluation that maintains periodic inspection or 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.

(i) Add the following definitions to section 1-8 to read as follows:

NFPA 13, Installation of Sprinkler Systems means 675 IAC 13-1-8.

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

TESTING LABORATORY means an independent nationally recognized testing laboratory or other organization listed in the General Administrative Rules (675 IAC 12-6-11).

(j) Delete, in section 1-8, the definition of Aquifer.

(k) Delete subsection 1-8.1 in its entirety without substitution.

(l) Delete subsection 2-1.1 in its entirety without substitution.

(m) Delete subsection 2-1.2 in its entirety without substitution.

(n) Amend subsection 2-2.3 to read as follows: Dual-drive pump units shall not be used.

(o) Delete, in section 2-3, the last sentence of the first paragraph.

(p) Amend Exception No. 2 to subsection 2-7.1.1 to read as follows: In buildings protected with an automatic sprinkler system installed in accordance with NFPA 13 (675 IAC 13-1-8), the separation requirement may be reduced to 1-hour fire-rated construction.

(q) Amend subsection 2-8.4 to read as follows: Torch-cutting or welding in the pump house shall be permitted as a means of modifying or repairing pump house piping when it is performed in accordance with NFPA 51B (675 IAC 22-2.2-12).

(r) Amend Exception No. 2 to subsection 2-9.9(a) to read as follows: Check valves and backflow prevention devices and assemblies shall be permitted where required by the water purveyor.

(s) Amend the last sentence of subsection 2-10.2 to read as follows: All pump discharge pipe shall be hydrostatically tested in accordance with NFPA 13 (675 IAC 13-1-8).

(t) Amend subsection 2-14.3.2 to read as follows: Hose valve(s) shall have threads that are compatible with the local fire department hose threads.

BUILDING CODES

- (u) Delete subsection 2-14.3.2, Exception without substitution.
- (v) Delete subsection 2-21.4 without substitution.
- (w) Delete subsection 2-22.1 and substitute to read as follows: The fire pump, driver, diesel fuel tank, and the fire pump controller shall resist lateral loads as required by the Building Code (675 IAC 13).
- (x) Amend subsection 4-2.1.1 to read as follows: The water supply shall be in accordance with Chapter 4.
- (y) Amend subsection 4-2.1.2 by deleting "satisfactory" in two (2) places.
- (z) Amend the third sentence of subsection 4-2.7 to read as follows: The test shall be witnessed by a representative of the customer and contractor as required.
 - (aa) Amend subsection 4-3.3.2 by deleting "suitable" and substituting "approved".
 - (bb) Amend the first sentence of subsection 4-4.2 to read as follows: The driver shall be screened or enclosed and protected against tampering.
 - (cc) Amend the first and second sentences of subsection 4-5.1.3.1 to read as one (1) sentence as follows: Gear drives and flexible connecting shafts shall be of the vertical hollow-shaft type.
 - (dd) Amend Section 6-2 to read as follows: 6-2 Power Source(s). Power shall be supplied to the electric motor-driven fire pump by a reliable source or two or more approved independent sources, all of which shall make compliance with Section 6-4 possible.

Exception: Where electric motors are used and the height of the structure is beyond the pumping capacity of the fire department apparatus, a second source in accordance with 6-2.3 shall be provided.
 - (ee) Amend subsection 7.5.4 by deleting from the exception "or where the authority having jurisdiction has required manual shutdown".
 - (ff) Delete section 7-7 without substitution.
 - (gg) Amend subsection 7-8.1.1 by deleting "by the authority having jurisdiction".
 - (hh) Amend subsection 8-1.2 to read as follows: Spark-ignited internal combustion engines shall not be used. This restriction shall not be interpreted to exclude gas turbine engines as future pump drivers.
 - (ii) Delete subsection 8-4.1 and substitute the following: Plans and specifications shall be filed as required by the General Administrative Rules (675 IAC 12).
 - (jj) Amend the first sentence of subsection 8-4.5 to read as follows: Diesel fuel supply tanks shall be located aboveground in accordance with the Indiana Fire Code (675 IAC 22) and shall not be buried.
 - (kk) Amend the exception to subsection 9-5.2.6 to read as follows: Automatic shutdown shall not be permitted where the pump constitutes the sole source of supply of a fire sprinkler or standpipe system.
 - (ll) Delete subsection 9-6.7.4 without substitution.
 - (mm) Amend the last sentence of subsection 9-6.13 to read as follows: Manual shutdown shall also be provided.
 - (nn) Delete the text in subsection 11-2.2 in its entirety and substitute to read as follows: The fire department shall be notified a minimum of twenty-four (24) hours prior to the test.
 - (oo) Delete subsection 11-3.2 without substitution.
 - (pp) Delete section 11-5 without substitution.
 - (qq) Delete Chapter 12 in its entirety without substitution. (*Fire Prevention and Building Safety Commission; 675 IAC 13-1-10; filed Sep 5, 1986, 9:22 a.m.: 10 IR 14; filed Apr 5, 1988, 3:05 p.m.: 11 IR 2868; filed Aug 15, 1997, 8:54 a.m.: 21 IR 100; filed Nov 14, 2001, 4:55 p.m.: 25 IR 1172; filed Nov 25, 2002, 9:10 a.m.: 26 IR 1098; readopted filed Sep 21, 2007, 9:20 a.m.: 20071010-IR-675070388RFA; readopted filed Oct 10, 2007, 9:16 a.m.: 20071031-IR-675070388RFA; errata filed Jul 10, 2009, 8:07 a.m.: 20090729-IR-675090501ACA*)

675 IAC 13-1-11 NFPA 71 (Repealed)

Sec. 11. (*Repealed by Fire Prevention and Building Safety Commission; filed Mar 29, 2000, 11:39 a.m.: 23 IR 2001*)

675 IAC 13-1-12 NFPA 72A (Repealed)

Sec. 12. (*Repealed by Fire Prevention and Building Safety Commission; filed Dec 1, 1992, 5:00 p.m.: 16 IR 1144, eff Jan*

3, 1993)

675 IAC 13-1-12.1 NFPA 72 (Repealed)

Sec. 12.1. *(Repealed by Fire Prevention and Building Safety Commission; filed Aug 28, 1998, 5:02 p.m.: 22 IR 124)*

675 IAC 13-1-13 NFPA 72B (Repealed)

Sec. 13. *(Repealed by Fire Prevention and Building Safety Commission; filed Dec 1, 1992, 5:00 p.m.: 16 IR 1144, eff Jan 3, 1993)*

675 IAC 13-1-14 NFPA 72C (Repealed)

Sec. 14. *(Repealed by Fire Prevention and Building Safety Commission; filed Dec 1, 1992, 5:00 p.m.: 16 IR 1144, eff Jan 3, 1993)*

675 IAC 13-1-15 NFPA 72D (Repealed)

Sec. 15. *(Repealed by Fire Prevention and Building Safety Commission; filed Dec 1, 1992, 5:00 p.m.: 16 IR 1144, eff Jan 3, 1993)*

675 IAC 13-1-16 NFPA 72E (Repealed)

Sec. 16. *(Repealed by Fire Prevention and Building Safety Commission; filed Mar 29, 2000, 11:39 a.m.: 23 IR 2001)*

675 IAC 13-1-17 NFPA 96 (Repealed)

Sec. 17. *(Repealed by Fire Prevention and Building Safety Commission; filed Aug 26, 1992, 5:00 p.m.: 16 IR 62, eff Nov 1, 1992)*

675 IAC 13-1-18 NFPA 231 (Repealed)

Sec. 18. *(Repealed by Fire Prevention and Building Safety Commission; filed Jun 24, 1998, 5:43 p.m.: 21 IR 4212)*

675 IAC 13-1-19 NFPA 231C (Repealed)

Sec. 19. *(Repealed by Fire Prevention and Building Safety Commission; filed Jun 24, 1998, 5:43 p.m.: 21 IR 4212)*

675 IAC 13-1-20 NFPA 56F (Repealed)

Sec. 20. *(Repealed by Fire Prevention and Building Safety Commission; filed Oct 6, 1987, 3:00 pm: 11 IR 787)*

675 IAC 13-1-21 NFPA 61B

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

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

Sec. 21. (a) Standard for the Prevention of Fires and Explosions in Grain Elevators and Facilities Handling Bulk Raw Agricultural Commodities 1989 (NFPA 61B-1989). Chapter 13 and Appendix D of this document are deleted in their entirety.

(b) When reference is made to the following documents within NFPA 61B such reference is for information purposes only:

(1) NFPA 30-1987, NFPA 31-1987, NFPA 54-1988, NFPA 69-1986, NFPA 80-1986, NFPA 91-1983, NFPA 490-1986, NFPA 496-1989, NFPA 505-1987, NFPA 68-1988, NFPA 77-1988, NFPA 220-1985, NFPA 255-1984, NFPA 601-1986, and NFPA 650-1984.

(2) ANSI B56.1.

(3) Factory Mutual Approval Standard for Electrical Battery Powered Industrial Trucks, Types E and EE, Factory Mutual Approval Standard for Gasoline or Diesel Engine Powered Industrial Trucks, Types G, GS, D, or DS, Factory Mutual Approval Standard for LP-Gas Engine Powered Industrial Trucks, Types LP and LPS.

(4) NGFA Emergency Preplanning and Fire Fighting Manual—A Guide for Grain Elevator Operators and Fire Department Officials, 1987.

(5) U.L. 558-1984 and U.L. 583-1986.

(c) Documents listed in subsection (b) are:

(1) not adopted as part of this rule; and

(2) not enforceable as part of this rule.

(Fire Prevention and Building Safety Commission; 675 IAC 13-1-21; filed Sep 5, 1986, 9:22 a.m.: 10 IR 16; filed Oct 2, 1989, 4:25 p.m.: 13 IR 293; readopted filed Sep 11, 2001, 2:49 p.m.: 25 IR 530; readopted filed Sep 21, 2007, 9:20 a.m.: 20071010-IR-675070388RFA; readopted filed Oct 10, 2007, 9:16 a.m.: 20071031-IR-675070388RFA; readopted filed Aug 7, 2013, 8:51 a.m.: 20130904-IR-675130181RFA)

675 IAC 13-1-22 NFPA 82 (Repealed)

Sec. 22. *(Repealed by Fire Prevention and Building Safety Commission; filed Aug 23, 2006, 4:03 p.m.: 20060906-IR-675050104FRA)*

675 IAC 13-1-23 NFPA 664 (Repealed)

Sec. 23. *(Repealed by Fire Prevention and Building Safety Commission; filed Jul 29, 1999, 11:05 a.m.: 22 IR 3932)*

675 IAC 13-1-24 NFPA 72F (Repealed)

Sec. 24. *(Repealed by Fire Prevention and Building Safety Commission; filed Dec 1, 1992, 5:00 p.m.: 16 IR 1144, eff Jan 3, 1993)*

675 IAC 13-1-25 NFPA 13R (Repealed)

Sec. 25. *(Repealed by Fire Prevention and Building Safety Commission; filed Aug 28, 2012, 2:03 p.m.: 20120926-IR-675110684FRA)*

675 IAC 13-1-26 NFPA 31; standard for the installation of oil burning equipment (Repealed)

Sec. 26. *(Repealed by Fire Prevention and Building Safety Commission; filed Dec 24, 1997, 11:00 a.m.: 21 IR 1754)*

675 IAC 13-1-27 NFPA 37; standard for the installation and use of stationary combustion engines and gas turbines (Repealed)

Sec. 27. *(Repealed by Fire Prevention and Building Safety Commission; filed Aug 23, 2006, 4:03 p.m.: 20060906-IR-675050104FRA)*

675 IAC 13-1-28 NFPA 2001 (Repealed)

Sec. 28. *(Repealed by Fire Prevention and Building Safety Commission; filed Aug 23, 2006, 4:03 p.m.: 20060906-IR-675050104FRA)*

Rule 2. Indiana Building Code (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Feb 15, 1989, 5:00 p.m.: 12 IR 1552, eff Apr 3, 1989)

Rule 2.1. Indiana Building Code, 1989 Edition (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Dec 1, 1992, 5:00 p.m.: 16 IR 1126, eff Jan 3, 1993)

Rule 2.2. Indiana Building Code, 1993 Edition (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Mar 31, 1998, 1:45 p.m.: 21 IR 2908)

Rule 2.3. 1998 Indiana Building Code (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Apr 21, 2003, 8:30 a.m.: 26 IR 2951)

Rule 2.4. 2003 Indiana Building Code (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

Rule 2.5. 2008 Indiana Building Code

675 IAC 13-2.5-1 Adoption by reference

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

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

Sec. 1. (a) That certain document being titled the International Building Code, 2006 Edition, first printing, as published by the International Code Council, Inc., 500 New Jersey Avenue NW, Sixth Floor, Washington, D.C. 20001-2070, is hereby adopted by reference as if fully set out in this rule save and except those revisions made in sections 2 through 36 of this rule.

(b) This rule is available for review and reference at the:

Code Services Department

Indiana Government Center-South

402 West Washington Street, Room W246

Indianapolis, Indiana 46204.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-1; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-2 Chapter 1; administration

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

Affected: IC 4-21.5; IC 4-22-7-7; IC 22-12-7; IC 22-13-2-7; IC 22-13-5; IC 22-14; IC 22-15; IC 36-7

Sec. 2. Delete Chapter 1 and substitute to read as follows:

(a) 101.1 Title Availability: This rule shall be known as the 2008 Indiana Building Code and shall be published, except incorporated documents, by the Department of Homeland Security for general distribution and use under that title. Wherever the term "this code" is used throughout this rule, it shall mean the 2008 Indiana Building Code.

(b) 101.2 Scope and Purpose:

(a) The scope and purpose of this code is to establish the minimum requirements for the following:

1. Construction, addition, alteration, erection, or assembly of any part of a Class 1 structure at the site where the structure will be used.

2. Installation of any part of the permanent heating, ventilating, air conditioning, electrical, plumbing, sanitary, emergency detection, emergency communication, or fire or explosion suppression systems for a Class 1 structure at the site where it will be used.
3. Work undertaken to alter, remodel, rehabilitate, or add to any part of a Class 1 structure.
4. Safeguarding life or property from the hazards of fire and explosion for Class 1 structures.
5. Fabrication of any part of a Class 1 industrialized building system for installation, assembly, or use at another site, except mobile structures.
6. Work undertaken to relocate any part of a Class 1 structure, except a mobile structure.
7. Assembly of a Class 1 industrialized building system that is not covered by subdivision (5), except mobile structures.

(b) Detached one (1) and two (2) family dwellings and townhouses not more than three (3) stories high and their accessory structures shall comply with the Indiana Residential Code, 675 IAC 14.

(c) 101.3 Appendices and Standards: Provisions in the appendices are not enforceable unless specifically adopted. The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and referenced codes and standards, the provisions of this code shall apply.

Exception: Where enforcement of a code provision would violate the conditions of the listing, labeling, or manufacturer's installation instructions of the equipment or appliance, the conditions of the listing, labeling, or manufacturer's instructions shall apply.

(d) 101.4 Appeals and Interpretations: Appeals from orders issued by the Commission are governed by IC 4-21.5 and IC 22-12-7. Appeals from orders by a local unit of government are governed by IC 22-13-2-7 and local ordinance. Upon the written request of an interested person who has a dispute with a county or municipal government concerning a building rule, the office of the building law compliance officer may issue a written interpretation of a building law. The written interpretation as issued under IC 22-13-5 binds the interested person and the county or municipality with whom the interested person has the dispute until overruled in a proceeding under IC 4-21.5. A written interpretation of a building law binds all counties and municipalities if the building law compliance officer publishes the written interpretation of the building law in the Indiana Register under IC 4-22-7-7(b).

(e) 101.5 Plans: Plans shall be submitted for Class 1 structures as required by the General Administrative Rules (675 IAC 12) and the rules for Industrialized Building Systems (675 IAC 15).

(f) 101.6 Existing Construction: For existing Class 1 structures, see the General Administrative Rules (675 IAC 12), the Indiana Fire Code (675 IAC 22), and local ordinance.

(g) 101.7 Additions and Alterations: Additions and alterations to any Class 1 structure shall conform to that required of a new structure without requiring the existing structure to comply with all the requirements of this code. Additions or alterations shall not cause an existing structure to become unsafe (see the General Administrative Rules (675 IAC 12-4)).

(h) 101.8 Alternate Materials, Methods, and Equipment: Alternate materials, methods, equipment, and design shall be as required by the General Administrative Rules (675 IAC 12-6-11) and the rules for Industrialized Building Systems (675 IAC 15). *(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-2; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)*

675 IAC 13-2.5-3 Chapter 2; definitions

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

Affected: IC 10-19-2; IC 22-12-1-4; IC 22-13; IC 22-14; IC 22-15; IC 25-4; IC 25-31; IC 36-7-2-9; IC 36-8-17-8

Sec. 3. Chapter 2 is amended as follows:

(1) Delete the title and text of Section 201.3 in its entirety and substitute as follows: Sec. 201.3 Terms defined in other codes. Where terms are not defined in this code and are defined in the Indiana Fire Code (675 IAC 22), Indiana Electrical Code (675 IAC 17), Indiana Fuel Gas Code (675 IAC 25), Indiana Mechanical Code (675 IAC 18), or Indiana Plumbing Code (675 IAC 16), such terms shall have the meanings ascribed to them as in those codes.

(2) Definitions are amended as follows:

(A) Delete the definition of AGRICULTURAL BUILDING without substitution.

BUILDING CODES

(B) Delete the definition of APPROVED and substitute to read as follows: APPROVED as to materials, equipment, design, and types of construction, acceptance by the building official by one (1) of the following methods:

- (i) investigation or tests conducted by recognized authorities; or
- (ii) investigation or tests conducted by technical or scientific organizations; or
- (iii) accepted principles.

The investigation, tests, or principles shall establish that the materials, equipment, and types of construction are safe for their intended purpose.

(C) Delete the definition of APPROVED AGENCY without substitution.

(D) Delete the definition of APPROVED FABRICATOR without substitution.

(E) Add the definition of ASME A17.1. See the Safety Code for Elevators, Escalators, Manlifts, and Hoists (675 IAC 21).

(F) Add the definition: BUILDING CODE: BUILDING CODE means the INDIANA BUILDING CODE.

(G) Amend the definition of BUILDING OFFICIAL to read as follows: See Code Official.

(H) Add the definition of CLASS 1 STRUCTURE: See IC 22-12-1-4.

(I) Add the definition of CODE OFFICIAL: CODE OFFICIAL means the division of fire and building safety, the local building official as authorized under IC 36-7-2-9, and the local ordinance or the fire department as authorized under IC 36-8-17-8.

(J) Delete the definition of CONSTRUCTION DOCUMENTS and substitute to read as follows: CONSTRUCTION DOCUMENTS. Documents required to obtain a design release in accordance with the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15).

(K) Delete the definition of DETECTABLE WARNING without substitution.

(L) Add the definition DIVISION OF FIRE AND BUILDING SAFETY: 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.

(M) Amend the definition of DWELLING UNIT to read as follows: DWELLING UNIT is any building or portion thereof that contains living facilities, including provisions for sleeping, eating, cooking, and sanitation, as required by this code, for not more than one (1) family, or congregate resident for sixteen (16) or fewer persons.

(N) Delete the following definition: DWELLING UNIT OR SLEEPING UNIT, MULTI-STORY without substitution.

(O) Add a definition of ELECTRICAL CODE: ELECTRICAL CODE means the Indiana Electrical Code in effect in Indiana at the time of construction, remodeling, alteration, addition, or repair of the structure.

(P) Add a definition of FIRE CODE: FIRE CODE means the Indiana Fire Code.

(Q) Add the definition of FIRE DEPARTMENT to read as follows: FIRE DEPARTMENT. See CODE OFFICIAL.

(R) Delete the definition of HISTORIC BUILDINGS without substitution.

(S) Add the definition for ICC ELECTRICAL CODE: ICC ELECTRICAL CODE. See the Indiana Electrical Code (675 IAC 17).

(T) Add the definition of INDIANA BUILDING CODE: 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.

(U) Add the definition of 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.

(V) Add the definition of INSPECTION Authority: INSPECTION AUTHORITY means the division of fire and building services, the local building official, or their authorized representative.

(W) Delete the definition of INSPECTION CERTIFICATE without substitution.

(X) Add the definition for INTERNATIONAL BUILDING CODE: INTERNATIONAL BUILDING CODE. See the Indiana Building Code 675 IAC 13.

(Y) Add the definition of INTERNATIONAL CODES: INTERNATIONAL CODES. Refers to the rules of the Fire Prevention and Building Safety Commission (675 IAC).

(Z) Delete the definition of JURISDICTION without substitution.

BUILDING CODES

(AA) Add the definition of MECHANICAL CODE: MECHANICAL CODE means the Indiana Mechanical Code in effect in Indiana at the time of construction, remodeling, alteration, addition, or repair of the structure.

(BB) Add the definition for INTERNATIONAL ENERGY CONSERVATION CODE: INTERNATIONAL ENERGY CONSERVATION CODE. See the Indiana Energy Conservation Code 675 IAC 19.

(CC) Add the definition for INTERNATIONAL FIRE CODE: INTERNATIONAL FIRE CODE. See the Indiana Fire Code 675 IAC 22.

(DD) Add the definition for INTERNATIONAL FUEL GAS CODE: INTERNATIONAL FUEL GAS CODE. See the Indiana Fuel Gas Code 675 IAC 25.

(EE) Add the definition for INTERNATIONAL MECHANICAL CODE: INTERNATIONAL MECHANICAL CODE. See the Indiana Mechanical Code 675 IAC 18.

(FF) Add the definition for INTERNATIONAL PLUMBING CODE: INTERNATIONAL PLUMBING CODE. See the Indiana Plumbing Code 675 IAC 16.

(GG) Add the definition for LABELED: LABELED. See Section 902.

(HH) Add the definition of NFPA 70, NATIONAL ELECTRICAL CODE: NFPA 70 NATIONAL ELECTRICAL CODE means the Indiana Electrical Code (675 IAC 17).

(II) Delete the definition of PERMIT without substitution.

(JJ) Add the definition of PLUMBING CODE: PLUMBING CODE means the plumbing code (675 IAC 16) or the applicable rules of the predecessor to the commission in effect in Indiana at the time of construction, remodeling, alteration, addition, or repair of the structure.

(KK) Add the definition for QUALIFIED INDIVIDUAL to read as follows: QUALIFIED INDIVIDUAL is a person who has documentation evidencing that he or she successfully completed instruction related to the equipment being installed, serviced, or repaired, and has provided such documentation to the Code Official upon request.

(LL) Amend the definition of REGISTERED DESIGN PROFESSIONAL to read as follows: REGISTERED DESIGN PROFESSIONAL. An architect who is registered under IC 25-4 or professional engineer who is registered under IC 25-31. If a registered design professional is not required by 675 IAC 12-6 or 675 IAC 15, then it means the owner.

(MM) Delete the definition of REPAIR without substitution.

(NN) Delete the definition of STRUCTURAL OBSERVATION without substitution.

(OO) Amend the definition of TOWNHOUSE by deleting the text and substituting to read as follows: A single-family dwelling unit constructed in a group of three or more attached units separated by property lines in which each unit extends from foundation to roof and with open space on at least two (2) sides and is regulated by the Indiana Residential Code (675 IAC 14) as a Class 1 structure.

(PP) Add the definition TRAINED PERSONNEL: See QUALIFIED INDIVIDUAL.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-3; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher; filed Oct 27, 2009, 2:36 p.m.: 20091125-IR-675090186FRA; filed Nov 24, 2010, 3:21 p.m.: 20101222-IR-675100251FRA)

675 IAC 13-2.5-4 Chapter 3; use and occupancy classification

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

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

Sec. 4. Chapter 3 is amended as follows:

(1) Amend Section 301.1, Scope, by deleting "building and" and substituting "Class 1".

(2) Amend Section 304, Business Group B, by adding "Fire and police stations" after "Electronic data processing".

(3) Amend Table 307.1(1) as follows:

(A) In the Material column, after Cryogenics, Oxidizing and after Oxidizing gas, add footnote q.

(B) Add footnote q. I-2 occupancies shall be permitted to contain the following quantities:

1. 300 cu. Ft. or less per smoke compartment may be stored without an enclosure if associated with patient care areas. (See Section 407.4 for smoke compartment requirements.)

2. 3,000 cu. Ft. or less per room may be stored in rooms separated from adjacent spaces by smoke partitions

complying with Section 710.

3. 20,000 cu. Ft. or less per room may be stored in rooms separated from adjacent spaces by 1-hour fire barriers complying with Section 706.

4. Regardless of quantities, rooms containing manifolds shall be separated from adjacent spaces by 1-hour fire barriers complying with Section 706.

5. Regardless of quantities, rooms used for liquid oxygen transfer shall be separated from adjacent spaces by 1-hour fire barriers complying with Section 706.

(4) Amend Section 308.2, Group I-1, by deleting, in the last paragraph, "International Residential Code in accordance with Section 101.2" and substituting "Indiana Residential Code (675 IAC 14) as a Class 1 structure".

(5) Amend Section 308.3, Group I-2, by deleting, in the last paragraph, "International Residential Code in accordance with Section 101.2" and substituting "Indiana Residential Code (675 IAC 14) as a Class 1 structure".

(6) Amend Section 310.1, Residential Group R, to read as follows:

(A) After Group I, delete "or when not regulated by the International Residential Code in accordance with Section 101.2".

(B) In R-1, after "Motels (transient)", add "Bed and Breakfast Establishments".

(C) In R-3, after "congregate living facilities with 16 or fewer persons", add "One and two family dwellings and townhouses not more than three (3) stories in height are regulated by the Indiana Residential Code (675 IAC 14)".

(D) In the last sentence, change "International Residential Code" to "Indiana Residential Code".

(E) In the last sentence of R-4, change "International Residential Code" to "Indiana Residential Code".

(7) Amend Section 310.2, Definitions, by adding the following definition: Bed and Breakfast Establishment means:

An operator occupied residence that:

(a) Provides sleeping accommodations to the public for a fee;

(b) Has not more than fourteen (14) guest rooms;

(c) Provides breakfast to its guests as part of the fee; and

(d) Provides sleeping accommodations for not more than thirty (30) consecutive days to a particular guest. The term does not include hotels, motels, boarding houses, or food service establishments. The operator may reside within the establishment or on contiguous property.

(8) Amend Section 312.1, General, by deleting the text and substituting to read as follows: Group U Occupancies shall include buildings or Structures, or portions thereof, and shall be classified as follows:

Division 1. Private garages, carports, sheds, and agricultural buildings that are Class 1 structures.

Division 2. Tanks and towers that are Class 1 structures.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-4; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-5 Chapter 4; special detailed requirements based on use and occupancy

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

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

Sec. 5. Chapter 4 is amended as follows:

(1) Delete Section 402.3, Lease plan, without substitution.

(2) Delete the text of Section 404.2, Use, and substitute as follows: See the Indiana Fire Code (675 IAC 22).

(3) Amend Section 405.1, General, by deleting Exception 1.

(4) Amend Section 406.2.2, Clear height, by deleting the second sentence without substitution.

(5) Amend Section 412.2.3, Floor surface, by changing the last sentence to read as follows: Floor drains shall discharge through an oil separator to an approved location.

(6) Amend Section 412.2.6, Fire suppression, renumber the current exception as Exception 1, and add Exception 2 as follows:

2. A fire suppression system shall not be required in aircraft hangars with a fire area of less than 12,000 square feet (1,115 m) where there is no fueling of aircraft within the hangar.

- (7) Delete Section 412.3, Residential aircraft hangars, without substitution.
- (8) Delete the text of Section 414.1.3, Information required, and substitute as follows: See the General Administrative Rules (675 IAC 12-6), the Indiana Fire Code (675 IAC 22), and the rules for Industrialized Buildings (675 IAC 15).
- (9) Amend Table 414.2.2, Design and Number of Control Areas, as follows:
 - (A) After "Areas", add footnote c.
 - (B) Add footnote c to read as follows: c. This Table shall not apply to the storage or use of Oxidizing Cryogenics, Oxidizing Gases, and Liquefied Oxidizing Gases in I-2 occupancies.
- (10) Amend Section 415.2, Definitions, IMMEDIATELY DANGEROUS TO LIFE AND HEALTH (IDLH), by deleting the second and third sentences.
- (11) Delete Section 415.8.6 and Section 415.8.7, Piping and tubing and continuous gas detection systems, without substitution.
- (12) Amend Section 417.1, General, to read as follows: A drying room or dry kiln installed within a building shall be constructed entirely of approved noncombustible materials.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-5; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-6 Chapter 5; general building heights and areas

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

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

Sec. 6. Chapter 5 is amended as follows:

- (1) Amend Section 506.2.2, Open space limits, by adding an exception to read as follows: Exception: A 4-hour fire wall shall be considered equivalent to sixty (60) feet of open space for any building.
- (2) Amend the first paragraph of Section 507.3, Sprinklered, one story, to read as follows: The area of a one story, Group B, E, F, M, or S building or a one story, Group A-4 building of other than Type V construction, shall not be limited when the building is provided with an automatic sprinkler system throughout in accordance with Section 903.3.1.1 and is surrounded and adjoined by public ways or yards not less than sixty (60) feet (18,288 mm) in width.
- (3) Amend Section 507.4, Two story, to read as follows: The area of a two story, Group B, E, F, M, or S building shall not be limited when the building is provided with an automatic sprinkler system throughout in accordance with Section 903.3.1.1 and is surrounded and adjoined by public ways or yards not less than sixty (60) feet (18,288 mm) in width.
- (4) Delete Section 507.9, Group E buildings, without substitution.
- (5) Amend Section 508.2.2.1, Construction, by adding the following sentences: Penetrations through walls capable of resisting the passage of smoke shall be sealed, but are not required to be fire-resistive. Ductwork penetrating walls capable of resisting smoke shall be sealed around the perimeter of the duct, but are not required to have fire/smoke dampers.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-6; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-7 Chapter 6; types of construction

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

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

Sec. 7. Chapter 6 is amended as follows: Amend Table 601, in the last line of the first column, BUILDING ELEMENT, under TYPE IIB, by deleting the reference to footnote "c". *(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-7; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)*

675 IAC 13-2.5-8 Chapter 7; fire-resistance rated construction

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

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

Sec. 8. Chapter 7 is amended as follows:

(1) Amend Section 702.1, Definitions, by adding the definition of DWELLING UNIT to read as follows: For the purposes of this chapter, DWELLING UNIT means "a single unit providing complete, independent living facilities for one or more persons including permanent provisions for living, sleeping, eating, cooking, and sanitation".

(2) Amend Section 706.5, Continuity, by adding the following exceptions:

3. For shafts of 4 stories or less, containing sheet metal ductwork and noncombustible piping the supporting floor is permitted to be of non-rated construction.

4. Fire barrier walls supported by floor construction that is otherwise not required to be rated shall have the supporting floor construction protected for a distance of 10 feet away from the wall in all directions to afford the required fire-resistance rating of the supported fire barrier.

5. In buildings of 4 stories or less, fire barrier walls supported by floor construction that is otherwise not required to be rated where the wall is supported by at least 2.5 inches of lightweight concrete, or 2.7 inches of sand-lightweight concrete.

(3) Amend Section 716.5.2 by adding an exception number 3 to read as follows: Exception 3: Such walls are penetrated by ducted HVAC systems, have a required fire-resistance rating of one hour or less, are in areas of other than Group H, and are in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2. For purposes of this exception, a ducted HVAC system shall be a duct system for conveying supply, return, or exhaust air as part of the structure's HVAC system. Such a duct system shall be of any approved duct materials. The portion of the duct system for a distance on each side of the walls equal to at least four duct diameters shall be constructed of sheet metal not less than 26 gage thickness and shall be continuous without openings.

(4) Amend Section 716.5.3, Shaft enclosures, by deleting, in the third line, "and smoke".

(5) Amend Section 716.5.3, Shaft enclosures, by deleting Exception 2 without substitution.

(6) Amend Section 716.5.5, Smoke barriers, by deleting the text of the exception and substituting to read as follows: Smoke dampers shall not be required in duct penetrations of smoke barriers in fully ducted heating, ventilating, and air conditioning systems in smoke compartments protected throughout with quick response sprinklers.

(7) Amend Section 717.2.4, Stairways, to read as follows: Fire blocking shall be provided in concealed spaces between stair stringers at the top and bottom of the run and between studs along and in line with the run of stairs, if the walls under the stairs are unfinished, and shall comply with the requirements of Section 1009.5.3.

(8) Amend Section 721.3.4, Concrete masonry lintels, by deleting "by approved alternate methods" and substituting to read as follows: "as approved by the building official".

(9) Amend in Section 721.3.5, Concrete masonry columns, by deleting "by approved alternate methods" and substituting to read as follows: "as approved by the building official".

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-8; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher; filed Oct 27, 2009, 2:36 p.m.: 20091125-IR-675090186FRA)

675 IAC 13-2.5-9 Chapter 8; interior finishes

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

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

Sec. 9. Chapter 8 is amended as follows:

(1) Delete Section 801.1.3, Applicability.

(2) Delete Section 806, Decorative materials and trim, and substitute "See the Indiana Fire Code (675 IAC 22)".

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-9; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher; errata filed Jul 3, 2008, 8:10 a.m.: 20080716-IR-675070476ACA)

675 IAC 13-2.5-10 Chapter 9; fire protection systems

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

Affected: IC 22-11-18; IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 10. Chapter 9 is amended as follows:

- (1) Amend Section 901.3, Modifications, by deleting the text and substituting to read as follows: No person shall remove or modify any fire protection system installed or maintained in accordance with the rules of the commission without notifying the servicing fire department prior to receiving approval from the building official.
- (2) Amend Section 901.5, Acceptance tests, by deleting the text and substituting to read as follows: 901.5 Acceptance tests. Fire protection systems shall be tested in accordance with the rules of the commission at the expense of the owner or owner's representative. When requested by the building official, such tests shall be conducted in their presence. Prior to conducting such tests, the local building official shall be given at least 48-hours notice. It shall be unlawful to occupy portions of a structure until the required fire protection systems within that portion of the structure have been completed, successfully tested, and fully operational with appropriate contractor's material and test certificates filled out in full and provided to the building official.
- (3) Delete Exception 1 to Section 901.6.1, Automatic sprinkler systems, without substitution.
- (4) Amend Section 902, Definitions, as follows:
 - (A) Add the definition of "Labeled" after "Listed" to read as follows: LABELED. 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.
 - (B) Amend "Listed" by deleting the text and substituting to read as follows: "Listed. 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."
 - (C) Delete the definition of RECORD DRAWINGS without substitution.
- (5) Amend Section 903.2.1.3, Group A-3, as follows:
 - (A) Amend "Exception" to read "Exception 1".
 - (B) Add Exception 2 to read as follows: Fire areas not exceeding 7,000 square feet (650.3m²) used primarily for worship with or without fixed seating and not used for exhibition or display, and the fire area is not located on a floor level other than that of exit discharge.
 - (C) Add Exception 3 to read as follows: The fire area is located on a floor other than the level of exit discharge. For purposes of determining the level of discharge, mezzanines of 2,000 s.f. or less in area in compliance with Section 505 shall be considered a portion of the story below if the total floor area and occupant load, including the mezzanine, are compliant with both conditions (1) and (2).
- (6) Amend Section 903.2.5, Group I, as follows:
 - (A) Change "Exception" to read "Exception 1".
 - (B) Add Exception 2 to read as follows: Exception 2: In jails, prisons, and reformatories, the piping system may be dry, provided a manually operated valve is installed at a continuously monitored location. Opening the valve will cause the system to be charged. The valve may be located in a locked cabinet or enclosure provided the activation of a sprinkler unlocks the cabinet or enclosure.
- (7) Amend Section 903.2.9, Group S-2, to read as follows: An automatic sprinkler system shall be provided throughout buildings classified as enclosed parking garages in accordance with Section 406.4 where:
 - (1) The fire area of the enclosed parking garage exceeds 12,000 square feet or
 - (2) The enclosed parking garage is located beneath other groups.
- (8) Amend Section 903.3.1.1, NFPA 13 sprinkler systems, to read as follows: Where the provisions of this code require that a building or portion thereof be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1, sprinklers shall be installed throughout in accordance with NFPA 13 (675 IAC 13-1-8) except as provided in Section 903.3.1.1.1.
- (9) Amend Section 903.3.1.1.1, Exempt locations, as follows: Delete the text of item 4 and substitute the following: Elevator equipment rooms and hoistways used exclusively for the operation of elevators and that are separated from the remainder of the building by two (2) hour fire-resistive construction. Penetrations between machine rooms and hoistways necessary for the safe operation of an elevator, and vents required by Section 3004 of this code need not be fire-rated.

BUILDING CODES

- (10) Amend Section 903.3.1.2 by adding "Occupancies" after "Group R".
- (11) Delete Section 903.3.1.3, NFPA 13D sprinkler systems, without substitution.
- (12) Amend Section 903.3.5.1.1, Limited area sprinkler systems, in the exception, by deleting "an approved" and inserting "a listed".
- (13) Amend Section 903.3.6, Hose threads, by deleting the text and substituting the following: Fire hose threads used in connection with automatic sprinkler systems shall be compatible with the equipment used by the servicing fire department.
- (14) Add a new Section 903.3.7, Fire department connections, to read as follows: When there is no local ordinance specifying the location of the fire department connections, the servicing fire department shall be consulted before placing the fire department connections; otherwise, the connections shall be placed as required by local ordinance.
- (15) Amend Section 903.4, Sprinkler systems monitoring and alarms, by deleting the text of Exception 1 and substituting to read as follows: See Section 101.2.
- (16) Amend Section 903.4.2, Alarms, by deleting the text and substituting the following: Listed audible and visible devices shall be connected to every automatic sprinkler system. Such sprinkler water flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Alarm devices shall be provided on the exterior of the building facing the public street, road, or highway that is in accordance with its legal address. Where buildings are not directly facing the public street, road, or highway or are in excess of two hundred fifty (250) feet from the public street, road, or highway, the servicing fire department shall be consulted in determining a location prior to the installation of the exterior audible and visible device. Where a fire alarm system is installed, actuation of the sprinkler system shall actuate the building fire alarm system.
- Exception: Sprinkler systems that are monitored by an approved supervisory station are not required to have the listed audible and visible device located on the exterior wall facing the public street, road, or highway.
- (17) Amend Section 903.4.3, Floor control valves, as follows:
- (A) Delete "approved" and insert "a listed".
- (B) Delete "high-rise building" and insert "building four (4) stories or more in height when sprinklered in accordance with Section 903.3.1.1".
- (18) Amend Section 904.11, Commercial cooking systems, by deleting the last sentence and substituting the following: Automatic fire-extinguishing systems shall be installed in accordance with the Indiana Mechanical Code (675 IAC 18).
- (19) Amend Section 904.11.1, Manual system operation, Section 904.11.2, System interconnection, Section 904.11.3, Carbon dioxide systems, Section 904.11.3.1, Ventilation systems, Section 904.11.4, Special provisions for automatic sprinkler systems, and Section 904.11.4.1, Listed sprinklers, by deleting the text and substituting: "See the Indiana Mechanical Code (675 IAC 18)".
- (20) Amend Section 905.1, General, by deleting the text and substituting to read as follows: Standpipe systems shall be provided in new buildings and structures in accordance with this section. Fire hose threads used in connection with standpipe systems shall be listed and shall be compatible with the servicing fire department's hose threads. The location of the fire department hose connections shall be in accordance with Section 912.2. In buildings used for high-piled combustible storage, fire protection shall be in accordance with the Indiana Fire Code.
- (21) Add a new Section 905.2.1 after Section 905.2 to read as follows: 905.2.1 Fire Department Connections. The location of fire department connections shall be in accordance with Section 903.3.7.
- (22) Amend Section 905.3.1, Building height, by deleting the text in Exception 3 and substituting to read as follows: Class I manual dry standpipes are allowed in open parking garages that are subject to freezing temperatures. Standpipes will be provided in accordance with Section 905.4, and hose connections will meet the spacing requirements for Class II standpipes in accordance with Section 905.5.
- (23) Add Section 905.3.1.1, Building area, to read as follows: In buildings exceeding 10,000 square feet in area per story, Class 1 automatic wet or manual wet standpipes shall be provided where any portion of the building's interior is more than 200 feet of travel, vertically or horizontally, from the nearest point of fire department access.

Exceptions:

1. Buildings equipped through with automatic sprinkler systems installed in accordance with Section 903.3.1.1.
2. Group A-4, A-5, F-2, R-2, S-2, or U occupancies.
3. Automatic dry and semiautomatic dry standpipes are allowed as provided for in NFPA 14.

- (24) Amend Section 905.3.4.1, Hose and cabinet, by deleting the text and substituting to read as follows: Proper cap and chain shall be provided for the hose connection valve assembly. Hose connection valve assembly shall comply with the provisions in Section 903.3.6.
- (25) Amend Section 905.4, Location of Class I standpipe hose connections, as follows:
- (A) Amend item 1 by deleting the text and substituting to read as follows: 1. In every required stairway, a hose connection shall be provided for each floor level above or below grade. Hose connections shall be located at an intermediate floor level landing between floors. Where there are multiple intermediate floor landings between floors, hose connections shall be located at the landing closest to being midway between floors. If intermediate floor level landings are not provided in the required stairway, the hose connection shall be located on the floor-level landing.
 - (B) Amend item 5 by deleting the text and substituting to read as follows: 5. Other than high rise buildings where the roof has a slope less than four (4) units vertical in twelve (12) units horizontal, one (1) standpipe shall be provided with a hose connection located either on the roof or at the highest landing of stairways with stair access to the roof. Two (2) hose connections shall be provided for testing. The control valve for the standpipes extending on to the roof may be located in the stair enclosures.
 - (C) Amend item 6 by deleting the text and substituting to read as follows: 6. Where the most remote portion of a nonsprinklered floor or story exceeds one hundred fifty (150) feet (forty-five (45) meters) of travel distance from a required exit or the most remote portion of a sprinklered floor or story exceeds two hundred (200) feet (sixty-one (61) meters) of travel distance from a required exit, additional hose connections shall be provided in approved locations.
- (26) Amend Section 907.1.1, Construction documents, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-6).
- (27) Delete the exception to Section 907.2.1.1, System initiation in Group A occupancies with an occupant load of 1,000 or more, without substitution.
- (28) Amend Section 907.2.3, Group E, as follows:
- (A) Amend Exception 2.3 by deleting the text and substituting to read as follows: 2.3 Shops and laboratories involving dust or vapors are protected by heat detectors or other listed detection devices.
 - (B) Delete, in Exception 2.6: ", except in locations specifically designated by the fire code official".
- (29) Add a new Section 907.2.10.1.1.1 after Section 907.2.10.1.1 as follows: 907.2.10.1.1.1 R1 Hotels and Motels. See IC 22-11-18.
- (30) Amend Section 907.2.10.1.2, Groups R-2, R-3, R-4, and I-1, by deleting "and maintained".
- (31) Amend Section 907.3.5, Protective covers, by deleting the text and substituting to read as follows: Listed manual fire alarm box protective covers may be installed when approved.
- (32) Delete Section 907.7, Presignal system, without substitution.
- (33) Amend Section 907.8.1, Zoning indicator panel, by deleting the text and substituting to read as follows: A zoning indicator panel and associated controls shall be provided in a location the servicing fire department will use as their main entrance point in the building. The visual zone indication shall lock in until the system is reset and shall not be canceled by the operation of an audible alarm-silencing switch.
- (34) Amend Section 907.14, Monitoring, by deleting the text and substituting to read as follows: Where required by this chapter or by local ordinance, an approved supervising station in accordance with NFPA 72 (675 IAC 28-1-28) shall monitor fire alarm systems.
- (35) Amend Section 907.15, Automatic telephone-dialing devices, by deleting the text and substituting to read as follows: Automatic telephone-dialing devices used to transmit an emergency alarm shall not be connected to any fire department telephone number unless approved by the building official.
- (36) Delete Section 907.17, Record of completion, without substitution.
- (37) Delete Section 907.18, Instructions, without substitution.
- (38) Amend Section 909.2, General design requirements, by deleting the text and substituting to read as follows: Buildings, structures, or parts thereof required by this code to have a smoke control system or systems shall have such systems designed in accordance with the applicable requirements of Section 909 and the other applicable rules of the commission. Construction documents shall be as required by the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15).

(39) Amend Section 909.3, Special inspection and test requirements, by deleting the text and substituting to read as follows: For special inspections and testing, see the General Administrative Rules (675 IAC 12-6-6(c)(10)(C)).

(40) Amend Section 909.10.2, Ducts, by deleting, after "with", "nationally accepted" and adding "approved".

(41) Amend Section 909.15, Control diagrams, by deleting the text and substituting to read as follows: Identical control diagrams showing all devices in the system and identifying their location and function shall be maintained current and kept on file with the servicing fire department and in the fire command center in an approved manner and format.

(42) Amend Section 909.18.8, Special inspections for smoke control, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-6-6(c)(10)(C)).

(43) Amend Section 909.18.9, Identification and documentation, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-6-6(c)(10)(C)).

(44) Amend Section 909.19, System acceptance, by deleting the title and text and substituting to read as follows: 909.19 Acceptance test. Smoke removal systems shall be tested in accordance with the rules of the commission at the expense of the owner or owner's representative. When requested by the building official, such tests shall be conducted in the presence of the building official. Prior to conducting such tests, the building official shall be given at least 48-hours notice. It shall be unlawful to occupy portions of the structure until the required smoke removal system within that portion of the structure has been completed, successfully tested, and is fully operational with appropriate reports and other documentation provided to the building official.

(45) Amend Section 909.20.6.3, Acceptance and testing, by deleting the title and text and substituting to read as follows: 909.20.6.3 Acceptance test. Mechanical ventilation systems shall be tested in accordance with the rules of the commission at the expense of the owner or owner's representative. When requested by the building official, such tests shall be conducted in the presence of the building official. Prior to conducting such tests, the building official shall be given at least 48-hours notice. It shall be unlawful to occupy portions of the structure until the mechanical ventilation system within that portion of the structure has been completed, successfully tested, and is fully operational.

(46) Amend Section 910.3.2.2, Sprinklered buildings, by deleting the text and substituting to read as follows: Where installed in buildings provided with approved automatic sprinkler system, smoke and heat vents shall open by approved manual releases. The servicing fire department shall be consulted in determining the location of such manual release prior to the installation of the smoke and heat vents.

(47) Amend Section 910.4, Mechanical smoke exhaust, by deleting the text and substituting to read as follows: In buildings protected throughout with an approved automatic sprinkler system, manually operated exhaust fans may be utilized for fire department mop-up operations. The exhaust rate shall be equal to one (1) cfm per square foot of floor area. The fans shall be wired ahead of the main building disconnect switch. Manual controls for the fans shall be provided individually for each fan unit. The servicing fire department shall be consulted in determining the location of the controls for the exhaust fans.

(48) Amend Section 912.2, Location, by deleting the last sentence and substituting to read as follows: The servicing fire department shall be consulted before placing the fire department hose connections at specific locations, or the connections shall be placed as required by local ordinance.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-10; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher; errata filed Jul 3, 2008, 8:10 a.m.: 20080716-IR-675070476ACA; filed Oct 27, 2009, 2:36 p.m.: 20091125-IR-675090186FRA)

675 IAC 13-2.5-11 Chapter 10; means of egress

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

Affected: IC 22-11-17-2.5; IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 11. Chapter 10 is amended as follows:

(1) Amend Section 1001.2, Minimum requirements, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-4).

(2) Amend Section 1002.1 as follows:

(A) Add a sentence to the definition of EXIT DISCHARGE, LEVEL OF to read as follows: For the purposes of applying the fire protection system requirements of Chapter 9, an exterior exit stair or ramp with four feet or less of

BUILDING CODES

total rise is considered at all points to be at the level of exit discharge.

(B) Add the definition of ICC/ANSI A117.1, after the definition of handrail, to read as follows: ICC/A117.1 see Chapter 11 of this code.

- (3) Amend Section 1004.1.1, Areas without fixed seating, by deleting the exception without substitution.
- (4) Amend Section 1004.2 to read as follows: The occupant load permitted in any building, or portion thereof, is permitted to be increased from that number established for the occupancies in Table 1004.1.1, provided that all other requirements of the code are also met based on such modified number and the occupant load does not exceed one occupant per 7 square feet (0.65m²) of occupiable floor space. An aisle, seating, or fixed equipment diagram substantiating any increase in occupant load shall be submitted to the building official upon request.
- (5) Amend Section 1007.2, Continuity and components, by deleting "one or more" and substituting "at least one".
- (6) Amend Section 1007.3, Exit stairways, as follows:
 - (A) Add a new Exception number 4 to read as follows: Areas of refuge are not required at exit stairways in buildings or facilities equipped throughout by an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2.
 - (B) Renumber "Exceptions 4 and 5" to read "Exceptions 5 and 6".
- (7) Amend Section 1007.4, Elevators, by changing "exception" to "exceptions" and numbering the exception as number 1 and adding Exception 2 to read as follows: 2. Elevators are not required to be accessed from an area of refuge or horizontal exit in buildings and facilities equipped throughout by an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2.
- (8) Delete Exception 8 in Section 1008.1.1, Size of doors, without substitution.
- (9) Amend Section 1008.1.7, Door arrangement, Exception 3 by deleting the text and substituting to read as follows: 3. Doors within individual dwelling units in Group R-2 and R-3 occupancies as applicable in Section 101.2.
- (10) Amend Section 1008.1.8.3, Locks and latches, as follows:
 - (A) Delete Exception 2.3.
 - (B) Add Exception 5 to read as follows: 5. Licensed Health Care Facilities that comply with IC 22-11-17-2.5.
- (11) Delete Section 1008.1.3.4 without substitution.
- (12) Delete, in Section 1008.1.8.6, Delayed egress locks, the exception to item 4 without substitution.
- (13) Amend Exception 3 of Section 1008.1.8.7, Stairway doors, by deleting the text and substituting to read as follows: 3. In stairways serving not more than four stories, in occupancy use groups other than A, E, and I, doors are permitted to be locked from the side opposite the egress side, provided they are openable from the egress side and capable of being unlocked simultaneously without unlatching upon:
 - A. a signal from the fire command center; or
 - B. actuation of the automatic sprinkler system; or
 - C. actuation of the automatic fire detection system; or
 - D. loss of power controlling the lock or lock mechanism; or
 - E. actuation of the manual fire alarm system.
- (14) Add a new Section 1009.0.1, Stairways, to read as follows: Stairs and ladders used to access areas used exclusively for mechanical equipment are exempt from this section.
- (15) Amend Section 1009.3, Stair treads and risers, as follows:
 - (A) Amend Exception 4 by deleting the text and substituting to read as follows: 4. Within dwelling units in occupancies in Group R-3, as applicable in Section 101.2, and within dwelling units in occupancies in Group R-2, as applicable in Section 101.2, the maximum riser height shall be eight and one-fourth (8¼) inches (two hundred ten (210) mm), the minimum tread depth shall be nine (9) inches (two hundred twenty-nine (229) mm). A nosing not less than seventy-five hundredths (0.75) inch (nineteen and one-tenth (19.1) mm) but not more than one and twenty-five hundredths (1.25) inches (thirty-two (32) mm) shall be provided on stairways with solid risers where the tread is less than eleven (11) inches. In occupancies in Group U, which are accessory to an occupancy in Group R-3, as applicable in Section 101.2, the maximum riser height shall be seven and seventy-five hundredths (7.75) inches (one hundred ninety-seven (197) mm) and the minimum tread depth shall be ten (10) inches (two hundred fifty-four (254) mm) and the nosing requirements shall remain the same as above.

BUILDING CODES

(B) Amend Exception 5 by deleting the text and substituting to read: See the General Administrative Rules (675 IAC 12).

(C) Add Exception 6 to read as follows: Stairs or ladders accessing an area with a maximum of 4 occupants on the roof of a press box are exempt from the requirements of this section. A sign shall be posted indicating the maximum occupant load.

(16) Amend Section 1009.3.1, Winder treads, by adding a second sentence to read as follows: "The minimum winder tread depth at the walk line shall be 10 inches (254 mm), and the minimum winder tread depth shall be at least six inches (152 mm)."

(17) Amend Section 1009.5.3, Enclosures under stairways, by deleting in the last sentence the word "exterior" and substituting the word "exit".

(18) Amend Section 1012.3 by adding an exception to read as follows: Exception: Within Group R-2 dwelling units, the handgrip portion of handrails shall have a circular cross section of one and one-fourth (1¼) inches (thirty-two (32) mm) minimum to two and seven-eighths (2 7/8) inches (seventy-three (73) mm) maximum. Other handrail shapes that provide equivalent grasping surface are permissible. Edges shall have a minimum radius of one-eighth (1/8) inch (three and two-tenths (3.2) mm).

(19) Amend Section 1013.3, Opening limitations, Exception 2 by deleting the text and substituting to read as follows: 2. At elevated walking surfaces for access to and use of electrical, mechanical, or plumbing systems, fire department access doors required the Indiana Fire Code (675 IAC 22) that are not a required exit, or equipment guards shall have balusters or be of solid materials such that a sphere with a diameter of 21 inches (533 mm) cannot pass through any opening.

(20) Amend Section 1017.1, Construction, Exception 2, after "dwelling", by adding "unit" and, after "Group R", by adding "having an occupant load of 16 or less".

(21) Amend Section 1022.2, Separation, in the third sentence of the first paragraph, by deleting "with no unprotected openings" without substitution.

(22) Delete the text and insert as follows: Amend Section 1025.12, Seat stability, as follows:

(A) Delete the text of Exception 1 and substitute to read as follows: "In places of assembly or portions thereof without ramped or tiered floors for seating, portable and folding type seats of any quantity, or permanent seats of 200 or fewer, shall not be required to be fastened to the floor."

(B) Delete the text of Exception 3 and substitute to read as follows: "In places of assembly or portions thereof with ramped or tiered floors for seating, and where the seats include more than 200 permanent, portable or folding chairs in any combination on each individual ramped or tiered area, all seats on the ramped or tiered area shall be fastened together in groups of not fewer than three (3) or all seats shall be fastened to the floor."

(C) Delete the last sentence of Exception 4 without substitution.

(23) Add a new Section 1026.6, Exterior rescue access, to the end of Section 1026 to read as follows: 1026.6 Exterior Rescue Access. Exterior access for fire department use in performing rescue operations when emergency escape and rescue openings are required shall comply with Sections 1026.1 and 1026.2.

(24) Add a new Section 1026.6.1, Exterior grade slope, to read as follows: The exterior grade adjacent to emergency escape and rescue openings shall not have a slope of more than two (2) inches in twelve (12) inches. The grade requirement shall extend from the structure to a point that will allow the placement of a fire department ground ladder to the sill of the emergency escape and rescue opening when such ladder is placed at a seventy-five (75) degree angle maximum from the horizontal plane. In no circumstances shall the required grade extend less than forty-four (44) inches from the structure.

(25) Add a new Section 1026.6.2, Exterior grade obstructions, to read as follows: No obstruction such as wire, trees, shrubs, signs, cornices, overhangs, awnings, canopies, parking, or other features shall be permitted.

Exception: Canopies and similar types of building features may be used as a portion of the rescue access system if the slope of the canopy or similar types of building features does not exceed two (2) inches in twelve (12) inches and access as required in Section 1026.1 is provided from the ground to the top edge of the canopy.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-11; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher; filed Oct 27, 2009, 2:36 p.m.: 20091125-IR-675090186FRA)

675 IAC 13-2.5-12 Chapter 11; accessibility

Authority: IC 22-13-2-13

Affected: IC 5-16-9; IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7

Sec. 12. (a) Chapter 11 is amended as follows:

(1) Add a new Section 1101.1.1 to read as follows: As a building rule, this chapter is necessarily limited statutorily to the scope of the rulemaking authority of the Fire Prevention and Building Safety Commission. As such, it is not comprehensive with respect to the Americans with Disabilities Act or Fair Housing Amendment, and what is contained in Chapter 11 does not necessarily constitute total compliance with federal law.

(2) Amend Section 1102, Definitions, as follows:

(A) Amend DETECTABLE WARNING to read as follows: DETECTABLE WARNING. A standardized surface feature built in or applied to walking surfaces or other elements to warn of hazards on a circulation path.

(B) Amend FACILITY to read as follows: FACILITY. All or any portion of Class I structures, site improvements, elements, and pedestrian or vehicular routes located on a site, where the Class I structure is located.

(C) Amend Type A Unit to read as follows: TYPE A UNIT means a dwelling unit or sleeping unit designed and constructed for accessibility by physically disabled persons in accordance with 675 IAC 13 and the provisions of American National Standard A117.1, 2003 edition, entitled "Accessible and usable Buildings and Facilities" that are applicable to Type A units.

(D) Amend Type B Unit to read as follows: TYPE B UNIT means a dwelling unit or sleeping unit designed and constructed for accessibility by physically disabled persons in accordance with 675 IAC 13 and the provisions of American National Standard A117.1, 2003 edition, entitled "Accessible and usable Buildings and Facilities" that are applicable to Type B units.

(3) Amend Section 1103.2.1, Specific requirements, by deleting "buildings and facilities" and substituting "Class I structures".

(4) Amend Section 1104.4, Multilevel buildings and facilities, by deleting the text of Exception 1 and substituting to read as follows: Exception 1. Elevators are not required in facilities that are less than three (3) stories or that have less than three thousand (3,000) square feet per story unless the building is a shopping center, a shopping mall, or a professional office of a health care provider. The elevator exemption set forth in this paragraph does not obviate or limit in any way the obligation to comply with the other accessibility requirements established in Section 1104. For example, floors above or below the accessible ground floor must meet the requirements of this section, except for elevator service. If toilet or bathing facilities are provided on a level not served by an elevator, then toilet or bathing facilities must be provided on the accessible ground floor. In new construction, if a building or facility is eligible for this exemption but a full passenger elevator is nonetheless planned, that elevator shall meet the requirements of the Indiana Elevator Safety Code (675 IAC 21) and shall serve each level in the building. A full passenger elevator that provides service from a garage to only one (1) level of a building or facility is not required to serve other levels.

(5) Amend Section 1106, Parking and passenger loading facilities, as follows:

(A) Amend Section 1106.1, Required, to read as follows: Where public or common use parking is provided, accessible parking spaces shall be provided in compliance with IC 5-16-9 and this section. Where more than one (1) parking facility is provided on a site, the number of parking spaces required to be accessible shall be calculated separately for each parking facility.

(B) Delete Table 1106.1, Accessible parking spaces, without substitution.

(C) Delete Sections 1106.2, 1106.3, 1106.4, and 1106.5 without substitution.

(D) Amend Section 1106.6, Location, to read Section 1106.2, Location.

(E) Amend Section 1106.7, Passenger loading zones, to read Section 1106.3, Passenger loading zones.

(F) Amend Section 1106.7.1, Continuous loading zones, to read Section 1106.3.1, Continuous loading zones.

(G) Amend Section 1106.7.2, Medical facilities, to read Section 1106.3.2, Medical facilities.

(H) Amend Section 1106.7.3, Valet parking, to read Section 1106.3.3, Valet parking.

(6) Amend Section 1107.2, Design, by deleting the entire text and substituting "Dwelling units and sleeping units that are required to be Accessible units shall comply with the applicable portions of Chapter 10 of ICC A117.1".

BUILDING CODES

(7) Amend Section 1108.2.6.2.1, Prerecorded text messages, by deleting "substantially equivalent" and inserting "substantially the equivalent".

(8) Amend Section 1109.2.2 by deleting, in the last sentence, "and ambulatory-accessible".

(9) Amend Section 1109.5, Drinking fountains, by deleting the text and substituting to read as follows: Where drinking fountains or water coolers are provided on an exterior site, on a floor, or within a secured area, the drinking fountains shall be provided in accordance with ANSI 117.1-2003 (675 IAC 13-2.5-12(c)) and Sections 1109.5.1 and 1109.5.2.

(b) That certain document being titled A117.1 Accessible and Usable Buildings and Facilities, 2003 Edition, second printing, as published by the International Code Council, Inc., 4051 West Flossmoor Road, Country Club Hills, Illinois 60478-5795, and American National Standards Institute, Inc., 25 West 43rd Street – Fourth Floor, New York, New York 10036, is hereby adopted by reference as if fully set out in this rule save and except those revisions made in this rule.

(c) This rule and incorporated documents therein are available to review and as reference at the Department of Homeland Security, Code Services Section, Indiana Government Center South, 302 West Washington Street, Room W246, Indianapolis, Indiana 46204.

(d) Amend Chapter 1 as follows:

(1) Amend Section 101, Purpose, as follows:

(A) Add "Class 1 structures," before "sites".

(B) Delete the second paragraph without substitution.

(2) Amend Section 101.1, Applicability, as follows:

(A) Add "Class 1 structures," after "Applicability".

(B) Delete Exceptions 2 and 3 without substitution.

(C) Delete the number "4" and substitute the number "2".

(3) Amend Section 103, Compliance alternatives, by deleting "is approved by the administrative authority adopting this standard" and substituting "meets the General Administrative Rules (675 IAC 12-6-11)".

(4) Amend Figure 104.2, Graphic Convention for figures, by deleting "Fig 104.2" and substituting "Fig. 104.3".

(5) Delete Section 105.2 without substitution.

(6) Amend Section 105.2.2, National fire alarm code, by deleting the text and substituting to read as follows: NFPA 72 (675 IAC 28).

(7) Delete Section 105.2.3 without substitution.

(8) Delete Section 105.2.4 without substitution.

(9) Amend Section 105.2.5, Safety code for elevators and escalators, by deleting the text and substituting to read as follows: ASME/ANSI A17.1 (675 IAC 21).

(10) Amend Section 105.2.6, Safety standard for platform lifts and stairway chairlifts, by deleting the text and substituting to read as follows: ASME/ANSI A18.1 (675 IAC 21).

(11) Amend Section 106.5, Defined terms, as follows:

(A) Amend "Administrative authority" by deleting the text and substituting to read as follows: The division or officer of a local unit of government empowered by law to administer and enforce the rules of the fire prevention and building safety commission.

(B) Amend "Area of rescue assistance" by deleting the text and substituting to read as follows: See area of refuge.

(C) Amend "Circulation path" by adding, after "pedestrians", "; including, but not limited to, walks, hallways, courtyards, stairs, and landings".

(D) Add a new term to read as follows: EGRESS, MEANS OF: a continuous and unobstructed way of exit travel from any point in a building or facility to a public way. A means of egress comprises vertical and horizontal travel and may include intervening room spaces, doorways, hallways, corridors, passageways, balconies, ramps, stairs, enclosures, lobbies, horizontal exits, courts, and yards. An accessible means of egress is one that complies with this code and does not include stairs, steps, or escalators. Areas of rescue assistance or evacuation elevators may be included as part of accessible means of egress.

(E) Amend "Facility" by deleting the text and substituting to read as follows: All or any portion of Class 1 structures or area, including the site on which such Class 1 structure, or area is located, wherein specific services are provided or activities are performed.

- (F) Amend "Marked crossing" by adding, after "way", ", located on the site where the Class 1 structure is located".
- (G) Amend "Vehicular way" by deleting the text and substituting to read as follows: A route provided for vehicular traffic, such as a street, driveway, or parking lot within the site where a Class 1 structure is located.
- (H) Amend "Walk" by deleting the text and substituting to read as follows: An exterior pathway with a prepared surface for pedestrian use, including general pedestrian areas such as plazas and courts, within the site where a Class I structure is located.

(e) Amend Chapter 2 as follows:

(1) Amend Section 201, General, by deleting the text of the third sentence and substituting to read as follows: These scoping provisions shall address the application of this standard to: each Class 1 structure; new construction, alterations, and temporary facilities; specific site and building elements; and to multiple elements or spaces provided within a site or building.

(2) Amend Section 203, Administration, by deleting "And approval process to ensure compliance with this standard" and substituting "to aid in the compliance with this standard".

(f) Amend Chapter 3 as follows: Amend Figure 302.2, Carpet on Floor Surfaces, to read as follows:



Fig. 302.2
Carpet on Floor Surfaces

(g) Amend Chapter 4 as follows:

(1) Amend Figure 403.5.1(a), Clear Width at Turn, by deleting in the left hand dimension string "48 max" and substituting "48 Min".

(2) Amend Section 407.2.1, Call controls, by deleting "exceptions" and substituting "exception" and by deleting the first exception without substitution.

(3) Amend Section 407.2.1.1, Height, by deleting the exception without substitution.

(4) Amend Section 407.2.1.2, Size, by deleting the exception without substitution.

(5) Amend Section 407.2.1.5, Signals, by deleting "exceptions" and substituting "exception" and by deleting the first exception without substitution.

(6) Amend Section 407.2.2.1, Visible and audible signals, by deleting "exceptions" and substituting "exception" and by deleting Exception 2 without substitution.

(7) Amend Section 407.2.2.2, Visible signals, by deleting "exceptions" and substituting "exception" and by deleting Exception 2 without substitution.

(8) Amend Section 407.2.2.3, Audible signals, by deleting "exceptions" and substituting "exception" and by deleting Exception 2 without substitution.

(9) Amend Section 407.4.1, Car dimensions, by deleting the exception without substitution.

(10) Amend Section 407.4.6, Elevator car controls, by deleting the exception without substitution.

(11) Amend Section 407.4.6.1, Location, by deleting "exceptions" and substituting "exception" and by deleting Exception 2 without substitution.

(12) Amend Section 407.4.7, Designations and indicators of car controls, by deleting the exceptions without substitution.

(13) Amend Section 407.4.7.1.2, Location, by deleting the exception without substitution.

(14) Amend Section 407.4.8, Elevator car call sequential scanning, by deleting, after "exception", "#1" without substitution.

(15) Amend Section 408.4.1, Inside dimensions of elevator cars, by deleting "exceptions" and substituting "exception" and by deleting Exception 2 without substitution.

(h) Amend Chapter 5 as follows: Amend Section 502, Parking spaces, by deleting the text and substituting "parking spaces shall comply with IC 5-16-9".

(i) Amend Chapter 6 as follows:

(1) Amend Section 602.2, Clear floor space, by deleting the text of Exception 3 and substituting the text of Exception 4 and by deleting the number 4.

(2) Amend Figure 604.2 by deleting "figure (b)" without substitution.

(3) Delete Section 604.9, Ambulatory accessible compartments, without substitution.

(4) Amend Section 604.10.8, Toilet compartments, after "with", by deleting "Sections 604.8 and 604.9" and substituting "Section 604.8".

(5) Amend Section 605.2, Height, by deleting "shall be of the stall type or" without substitution.

(6) Amend Section 606.5, Lavatories with enhanced reach range, by deleting the exception in its entirety without substitution.

(7) Amend Section 607.4, Grab bars, by deleting "exceptions" and substituting "exception" and by deleting Exception 2 without substitution.

(8) Amend Figure 608.2.1, Transfer type shower compartment size and clearance, by deleting in the top dimension string "min" without substitution.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-12; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher; filed Oct 27, 2009, 2:36 p.m.: 20091125-IR-675090186FRA; filed Nov 24, 2010, 3:21 p.m.: 20101222-IR-675100251FRA)

675 IAC 13-2.5-13 Chapter 12; interior environment

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

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

Sec. 13. Chapter 12 is amended as follows:

(1) Amend Section 1201.1, Scope, by deleting the text and substituting to read as follows: The provisions of this chapter shall govern ventilation, temperature control, lighting, yards and courts, room dimensions, and surrounding materials associated with the interior spaces of buildings.

(2) Amend Section 1203.3.2, Exceptions, as follows:

(A) Amend Exception 1 by deleting "Where warranted by climatic conditions".

(B) Delete Exception 5 without substitution.

(3) Amend Section 1204.1, Equipment and systems, by adding ", based on the exterior design condition as stated in the Indiana Energy Conservation Code (675 IAC 19)".

(4) Delete Section 1207, Sound transmission, without substitution.

(5) Amend Section 1208.2, Minimum ceiling heights, by deleting Exception 1 without substitution.

(6) Amend Section 1209.1, Crawl spaces, by deleting "18 inches by 24 inches (457 mm by 610 mm)" and substituting "sixteen (16) inches by thirty (30) inches (406 mm by (672) mm)".

(7) Amend Section 1209.2, Attic spaces, by deleting the text and substituting to read as follows: An opening not less than twenty (20) inches by forty (40) inches (five hundred eight (508) mm by one thousand sixteen (1,016) mm) shall be provided to any attic area having a clear height of over thirty (30) inches (seven hundred sixty-two (762) mm). Thirty (30) inches (seven hundred sixty-two (762) mm) minimum clear headroom in the attic space shall be provided at or above the access opening. When the access opening penetrates fire-resistive construction, the attic access opening closure shall provide the fire-resistive construction as required for the fire-resistive construction that is penetrated for the opening, and may be manufactured or field assembled, and shall be tight fitting.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-13; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-14 Chapter 13; energy efficiency

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

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

Sec. 14. Chapter 13 is amended as follows: Delete Chapter 13, Energy efficiency, without substitution. (*Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-14; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher*)

675 IAC 13-2.5-15 Chapter 14; exterior walls

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

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

Sec. 15. Chapter 14 is amended as follows:

(1) Amend Section 1405.12.2, Window sills, by deleting "one- and two- family" without substitution.

(2) Amend Section 1406.3, Balconies and similar projections, after "floor construction", by adding "or Section 711.3 for floors separating dwelling units".

(3) Amend Section 1406.3, Exception 3, after "Type V construction", by adding "unless projecting from floor/ceiling assemblies separating dwelling units" and, after "is", by adding "provided throughout the building and".

(*Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-15; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher*)

675 IAC 13-2.5-16 Chapter 15; roof assemblies and rooftop structures

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

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

Sec. 16. Chapter 15 is amended as follows: Delete in Table 1505.1, Minimum Roof Covering Classification for Types of Construction, Footnote a. (*Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-16; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher*)

675 IAC 13-2.5-17 Chapter 16; structural design

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

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

Sec. 17. Chapter 16 is amended as follows:

(1) Amend Section 1603, Construction documents, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-6), Industrialized Building Systems (675 IAC 15), and local ordinance.

(2) Amend Section 1604.6, In-situ load tests, by deleting the last sentence without substitution.

(3) Amend TABLE 1607.1, MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS AND MINIMUM CONCENTRATED LIVE LOADS, by deleting the text of Footnote g and substituting to read as follows: g. Where snow loads occur that are in excess of the design conditions, the structure shall be designed to support the loads due to the increased loads caused by drift buildup or a greater snow design determined by the registered design professional or the owner if a registered design professional is not required by the General Administrative Rules (675 IAC 12-6) or the rules for Industrialized Building Systems (675 IAC 15) (see Section 1608). For special purpose roofs, see Section 1607.11.2.2.

(4) Amend Section 1607.7.1, Handrails and guards, by deleting Exception 1 without substitution.

(5) Amend Section 1608.2, Ground snow loads, by deleting the text and substituting to read as follows: The ground snow loads to be used in determining the snow loads for roofs are given in Table 1608.2.

(6) Delete Table 1608.2, Ground Snow Loads, p_g , for Alaskan location, without substitution.

(7) Delete Figure 1608.2, Ground Snow Loads, p_g , for the United States (psf), and substitute to read as follows: Table 1608.2

BUILDING CODES

NO	COUNTY	WIND (MPH) ¹	SNOW (p _g) (PSF) ²	FOUNDATION ³
1	Adams	90	20	36
2	Allen	90	20	36
3	Bartholomew	90	20	24
4	Benton	90	20	36
5	Blackford	90	20	30
6	Boone	90	20	30
7	Brown	90	20	24
8	Carroll	90	20	36
9	Cass	90	20	36
10	Clark	90	20	24
11	Clay	90	20	24
12	Clinton	90	20	30
13	Crawford	90	20	24
14	Daviess	90	20	24
15	Dearborn	90	20	24
16	Decatur	90	20	24
17	Dekalb	90	30	36
18	Delaware	90	20	30
19	Dubois	90	20	24
20	Elkhart	90	30	36
21	Fayette	90	20	30
22	Floyd	90	20	24
23	Fountain	90	20	24
24	Franklin	90	20	24
25	Fulton	90	30	36
26	Gibson	90	20	24
27	Grant	90	20	30
28	Greene	90	20	24
29	Hamilton	90	20	30
30	Hancock	90	20	30
31	Harrison	90	20	24
32	Hendricks	90	20	30
33	Henry	90	20	30
34	Howard	90	20	30
35	Huntington	90	20	36
36	Jackson	90	20	24
37	Jasper	90	30	36
38	Jay	90	20	30
39	Jefferson	90	20	24
40	Jennings	90	20	24
41	Johnson	90	20	30
42	Knox	90	20	24
43	Kosciusko	90	30	36

BUILDING CODES

44	LaGrange	90	30	36
45	Lake	90*	30	36
46	LaPorte	90*	30*	36
47	Lawrence	90	20	24
48	Madison	90	20	30
49	Marion	90	20	30
50	Marshall	90	30	36
51	Martin	90	20	24
52	Miami	90	20	36
53	Monroe	90	20	24
54	Montgomery	90	20	30
55	Morgan	90	20	30
56	Newton	90	30	36
57	Noble	90	30	36
58	Ohio	90	20	24
59	Orange	90	20	24
60	Owen	90	20	24
61	Parke	90	20	30
62	Perry	90	20	24
63	Pike	90	20	24
64	Porter	90*	30*	36
65	Posey	90	20	24
66	Pulaski	90	30	36
67	Putnam	90	20	30
68	Randolph	90	20	30
69	Ripley	90	20	24
70	Rush	90	20	30
71	St. Joseph	90	30*	36
72	Scott	90	20	24
73	Shelby	90	20	30
74	Spencer	90	20	24
75	Starke	90	30	36
76	Steuben	90	30	36
77	Sullivan	90	20	24
78	Switzerland	90	20	24
79	Tippecanoe	90	20	30
80	Tipton	90	20	30
81	Union	90	20	30
82	Vanderburgh	90	20	24
83	Vermillion	90	20	30
84	Vigo	90	20	24
85	Wabash	90	20	36
86	Warren	90	20	30
87	Warrick	90	20	24

BUILDING CODES

88	Washington	90	20	24
89	Wayne	90	20	30
90	Wells	90	20	36
91	White	90	20	36
92	Whitley	90	20	36

1. Wind is the minimum wind speed in miles per hour.

*Indicates those counties with zones of extreme variation, and shall require investigation by the design professional, or owner when a design professional is not required, to determine the actual maximum wind speed at each site; however, the determined minimum wind speed shall be at least ninety (90) miles per hour.

2. Snow is minimum ground snow load (p_g) in pounds per square foot.

*Indicates those counties with extreme variation and shall require investigation by the design professional, or owner when a design professional is not required, to determine the actual minimum ground snow load at each site; however, the determined minimum snow load (p_g) shall be at least thirty (30) pounds per square foot. Ground snow load determination for such counties shall be based on an extreme value statistical analysis of data available in the vicinity of the site using a value with a two percent annual probability of being exceeded (50-year mean recurrence interval).

3. Foundation is the minimum foundation depth to bottom of footing from the top of the grade above the footing in inches.

(8) Amend Section 1609.1.1, Determination of wind loads, by deleting the text and substituting to read as follows: Wind loads on every building or structure shall be determined in accordance with Table 1608.2.

(9) Delete Section 1609.1.2, Protection of openings, without substitution.

(10) Delete Table 1609.1.2, WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS, without substitution.

(11) Amend Section 1611.1, Design rain loads, by adding a sentence to read as follows: See the Indiana Plumbing Code (675 IAC 16) for other roof drainage requirements.

(12) Amend Section 1611.3, Control drainage, by adding a second paragraph to read as follows: See the Indiana Plumbing Code (675 IAC 16) for other roof drainage requirements.

(13) Delete Section 1612, Flood loads, without substitution.

(14) Amend Section 1613.5.4 by adding an exception to read as follows: Exception: The maximum values of SDS and SD1. Add TABLE 1613.5.4 MAXIMUM VALUES FOR SDS AND SD1 to read as follows:

Site Class	SDS	SD1
A	0.30	0.12
B	0.38	0.15
C	0.45	0.25
D	0.55	0.32
E	0.75	0.50
F	Note 1	Note 1

Note 1: Site-specific geotechnical investigation and dynamic site response analyses shall be performed to determine appropriate values.

(15) Delete the figures 1613.5(1) through 1613.5(14) without substitution.

(16) Amend Section 1613.3, Existing buildings, as follows:

(A) Delete the text and substitute to read as follows: Additions, alterations, modifications, or changes of occupancy of existing buildings shall be in accordance with this section.

(B) Add a new subsection 1613.3.1 to read as follows: 1613.3.1 Additions to existing buildings. An addition that is structurally independent from an existing structure shall be designed and constructed with the seismic requirements for new structures. An addition that is not structurally independent from an existing structure shall be designed and constructed such that the entire structure conforms to the seismic-force-resistance requirements for new structures unless the following conditions are satisfied:

1. The addition conforms with the requirements for new structures,

2. The addition does not increase the seismic forces in any structural element of the existing structure by more than 10 percent cumulative since the original construction, unless the element has the capacity to resist the increased forces determined in accordance with ASCE 7 as adopted by the commission at 675 IAC 13-2.5-34, and

3. Addition does not decrease the seismic resistance of any structural element of the existing structure by more than 10 percent cumulative since the original construction, unless the element has the capacity to resist the forces determined in accordance with ASCE 7 as adopted by the commission at 675 IAC 13-2.5-34. If the building's seismic base shear capacity has been increased since the original construction, the percent change in base shear may be calculated relative to the increased value.

(C) Add a new subsection 1613.3.2 to read as follows: 1613.3.2 Alterations. Alterations are permitted to be made to any structure without requiring the structure to comply with Section 1613, provided the alterations conform to the requirements for a new structure. Alterations that increase the seismic force in any existing structural element by more than 10 percent cumulative since the original construction or decrease the design strength of any existing structural element to resist seismic forces by more than five percent cumulative since the original construction shall not be permitted unless the entire seismic-force-resisting system is determined to conform to ASCE 7 as adopted by the commission at 675 IAC 13-2.5-34 for a new structure. If the building's seismic base shear capacity has been increased since the original construction, the percent change in base shear may be calculated relative to the increased value.

Exception: Alterations to existing structural elements or additions of new structural elements that are not required by ASCE 7 as adopted by the commission at 675 IAC 13-2.5-34 and are initiated for the purpose of increasing the strength or stiffness of the seismic-force-resisting system of an existing structure need not be designed for forces conforming to ASCE 7 as adopted by the commission at 675 IAC 13-2.5-34, provided that an engineering analysis is submitted indicating the following:

1. The design strength of existing structural elements required to resist seismic forces is not reduced.
2. The seismic force to required existing structural elements is not increased beyond their design strength.
3. New structural elements are detailed and connected to the existing structural elements as required by Chapter 16.
4. New or relocated nonstructural elements are detailed and connected to existing or new structural elements as required by Chapter 16.
5. The alterations do not create a structural irregularity as defined in ASCE 7 as adopted by the commission at 675 IAC 13-2.5-34 or make an existing structural irregularity more severe.
6. The alterations do not result in the creation of an unsafe condition.

(D) Add a new subsection 1613.3.3 to read as follows: 1613.3.3 Change of occupancy. When a change of occupancy results in a structure being reclassified to a higher occupancy category, the structure shall conform to the seismic requirements for the higher occupancy category.

Exceptions: 1. Specific seismic detailing requirements of this code or ASCE 7 as adopted by the commission at 675 IAC 13-2.5-34 for a new structure shall not be required to be met where it can be shown that the level of performance and seismic safety is equivalent to that of a new structure. Such analysis shall consider the regularity, overstrength, redundancy, and ductility of the structure within the context of the existing and retrofit (if any) detailing provided.

2. When a change of use results in a structure being reclassified from Occupancy Category I or II to Occupancy Category III and the structure is located in a seismic map area where $SDS < 0.33$, compliance with the seismic requirements of this code and ASCE 7 as adopted by the commission at 675 IAC 13-2.5-34 are not required.

(17) Amend Section 1613.5.6 by adding an exception to read as follows: Exception: The seismic design category need not exceed Seismic Design Category C for buildings and structures in Seismic Use Groups I, II, and III for Class 1 buildings and structures other than schools and hazardous material storage/use structures.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-17; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher; errata filed Jul 3, 2008, 8:10 a.m.: 20080716-IR-675070476ACA; filed Oct 27, 2009, 2:36 p.m.: 20091125-IR-675090186FRA; filed Nov 24, 2010, 3:21 p.m.: 20101222-IR-675100251FRA)

675 IAC 13-2.5-18 Chapter 17; structural tests and special inspections

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

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

Sec. 18. Chapter 17 is amended as follows: Amend Chapter 17, Structural test and special inspections, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-6-6(c)(10)(C)) and Industrial Building Systems (675 IAC 15). (*Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-18; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher*)

675 IAC 13-2.5-19 Chapter 18; soils and foundations

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

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

Sec. 19. Chapter 18 is amended as follows:

- (1) Amend Section 1802.1, General, by deleting the last sentence without substitution.
- (2) Amend Section 1802.6, Reports, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-6) and the Industrialized Building Systems (675 IAC 15).
- (3) Amend Section 1803.3, Site grading, by deleting the exception without substitution.
- (4) Amend Section 1803.5, Compacted fill material, by deleting the last sentence of the exception without substitution.
- (5) Amend Section 1805.3.3, Pools, by deleting "this code" and substituting "the Indiana Swimming Pool Code (675 IAC 20)".
- (6) Amend Section 1805.4.2.6, Forming of concrete, by deleting "building official" and substituting "registered design professional".
- (7) Amend Section 1808.2.8.3, Load tests, by deleting "building official" and substituting "registered design professional".
- (8) Amend Section 1808.2.21, Pier or pile location plan, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15).
- (9) Amend Section 1808.2.22, Special inspections, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-6) and the rules for Industrial Building Systems (675 IAC 15).
- (10) Amend Section 1810.3.2, Dimensions, by deleting the text in the exception and substituting to read as follows: The length of the pile is permitted to exceed thirty (30) times the diameter when approved by the building official.
- (11) Amend Section 1810.4.2, Dimensions, by deleting the text in the exception and substituting to read as follows: The length of the pile is permitted to exceed thirty (30) times the diameter when documented by the registered design professional and approved by the building official.
- (12) Amend Section 1812.4, Reinforcement, in the exception, by deleting "building official" and substituting "registered design professional".

(*Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-19; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher*)

675 IAC 13-2.5-20 Chapter 19; concrete

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

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

Sec. 20. Chapter 19 is amended as follows:

- (1) Amend Section 1901.4, Construction documents, by deleting the text and substituting as follows: See the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems.
- (2) Amend Section 1905.6.1 by deleting the title and text and substituting to read as follows: 1905.6.1 Tests. Concrete shall be tested in accordance with the requirements in Section 1905.6.2 through 1905.6.5.
- (3) Amend Section 1906.3, Conduits and pipes embedded in concrete, by deleting "with approval of" and substituting "when authorized by".

- (4) Delete Section 1911.5, Increase for special inspections, without substitution.
- (5) Amend Section 1913.5, Preconstruction tests, by deleting "When required by the building official" and substituting "When required by local ordinance".
- (6) Amend Section 1913.7, Joints, by deleting "approved".
- (7) Amend Section 1915.6, Approvals, by deleting the last sentence and substituting to read as follows: Shop-fabricated concrete-filled pipe columns shall be approved by the building official.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-20; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-21 Chapter 21; masonry

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

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

Sec. 21. Chapter 21 is amended as follows:

- (1) Amend Sections 2101.3, Construction documents, and 2103.3.1, Fireplace drawings, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15).
- (2) Amend Section 2102, Definitions and notations, in the definition of MASONRY, by deleting "accepted" and substituting "approved".
- (3) Amend Section 2104.1.2.3, Solid units, by deleting the text of the first sentence and substituting to read as follows: Unless otherwise approved, solid units shall be placed in fully mortared bed and head joints.
- (4) Delete 2105.1, General, without substitution.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-21; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-22 Chapter 22; steel

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

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

Sec. 22. Chapter 22 is amended as follows:

- (1) Amend Section 2204.1, Connections, by deleting the text of the last sentence without substitution.
- (2) Amend Section 2204.2, Bolting, by deleting the text of the last sentence without substitution.
- (3) Amend Section 2208, Steel storage racks, by deleting the text and substituting as follows: Where steel storage racks are a part of the structural system of a Class 1 structure the storage racks shall comply with this code.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-22; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-23 Chapter 23; wood

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

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

Sec. 23. Chapter 23 is amended as follows:

- (1) Amend Section 2303.1.1, Sawn lumber, by deleting in the first sentence "by an accreditation body that complies with DOC PS20 or equivalent" without substitution.
- (2) Amend Section 2303.1.8.1, Identification, by deleting the text of the second sentence, after "wood", and substituting "and shall be approved by the building official".
- (3) Delete Sections 2303.4.1 and 2303.4.1.1 without substitution.
- (4) Amend Sections 2303.4.1.2, 2303.4.1.3, 2303.4.1.4, 2303.4.1.5, 2303.4.1.6, and 2303.4.1.7 by deleting the text and substituting as follows: See the General Administrative Rules (675 IAC 12-6) and Industrialized Building Systems (675 IAC

15).

(5) Amend Section 2303.4.2, Metal-plate-connected trusses, by deleting the text and substituting to read as follows: Metal plate connected wood trusses shall be manufactured as required by an TPI 1.

(6) Amend Section 2303.5, Test standard for joist hangers and connectors, by deleting the text and substituting to read as follows: Joist hangers and connectors shall be approved.

(7) Amend Section 2304.9.3, Joist hangers and framing anchors, by deleting the last sentence without substitution.

(8) Amend Section 2304.11.5, Supporting member for permanent appurtenances, by deleting the exception without substitution.

(9) Amend Section 2308.1, General, by deleting, in the second sentence, "provided a satisfactory design is submitted showing" and substituting "where the design has been approved and the design shows".

(10) Amend Section 2308.2.1, Basic wind speed greater than 100 mph (3-second gust), by deleting the comma after "(WFCM)" and inserting "For One and Two Family Dwellings, SBC high Wind Edition".

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-23; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-24 Chapter 24; glass and glazing

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

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

Sec. 24. Chapter 24 is amended as follows: Amend Section 2403.1, Identification, by deleting the text in the first paragraph and substituting to read as follows: Each pane shall bear the manufacturer's label designating the type and thickness of the glass or glazing material. The identification shall not be omitted unless approved and an affidavit is furnished by the glazing contractor certifying that each light is glazed in accordance with the provisions of this chapter. Safety glazing shall be identified in accordance with Section 2406.2. *(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-24; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)*

675 IAC 13-2.5-25 Chapter 26; plastic

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

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

Sec. 25. Chapter 26 is amended as follows:

(1) Amend Section 2603.4.1.9, Garage doors, by deleting the exception without substitution.

(2) Amend Section 2606.3, Identification, by deleting "satisfactory to" and substituting "approved by".

(3) Amend Section 2606.5, Structural requirements, by deleting the second sentence in its entirety.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-25; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher; filed Oct 27, 2009, 2:36 p.m.: 20091125-IR-675090186FRA)

675 IAC 13-2.5-26 Chapter 27; electrical

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

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

Sec. 26. Chapter 27 is amended as follows: Delete Chapter 27, Electrical, and substitute to read as follows: See the Indiana Electrical Code (675 IAC 17). *(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-26; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)*

675 IAC 13-2.5-27 Chapter 28; mechanical systems

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

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

Sec. 27. Chapter 28 is amended as follows: Delete Chapter 28, Mechanical systems, and substitute to read as follows: See the Indiana Mechanical Code (675 IAC 18) and the Indiana Fuel Gas Code (675 IAC 25). (*Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-27; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher*)

675 IAC 13-2.5-28 Chapter 29; plumbing systems

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

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

Sec. 28. Chapter 29 is amended as follows: Delete the text of Chapter 29 and substitute and insert as follows:

(1) SECTION 2901, Plumbing fixtures. Plumbing systems shall comply with the Indiana Plumbing Code (675 IAC 16).
(2) SECTION 2902, Minimum number of fixtures. Plumbing fixtures shall be provided for the type of occupancy and in the minimum number shown in TABLE No. 29. Types of occupancies not shown in TABLE No. 29 shall be considered as the most similar listed occupancy. The number of occupants of a building, for the purposes of Chapter 29, shall be one (1) of the following:

1. The actual or anticipated number of occupants; or
2. The square feet of usable (net) floor space divided by the occupant load factor found in Table 10-A.

(3) SECTION 2903. Where plumbing fixtures are required separate facilities shall be provided for each sex.

Exceptions:

1. Separate facilities shall not be required in residential occupancies.
2. Separate employee facilities shall not be required in occupancies in which fifteen (15) or fewer people are employed.
3. Separate facilities shall not be required in structures or tenant space with a total occupant load, including both employees and customers, of fifteen (15) or fewer in which food or beverage is served for consumption within the structure or tenant space.

(4) SECTION 2904. Number of occupants of each sex: The required water closets, lavatories, and showers or bathtubs shall be distributed equally, except where specified in TABLE No. 29, between the sexes based on the percentage load of each sex anticipated in the occupant load. The occupant load shall be composed of fifty percent (50%) of each sex unless statistical data indicates a different distribution of the sexes.

(5) SECTION 2905. Employee toilet facilities.

(6) Section 2905.1, Location of employee toilet facilities in occupancies other than use Group A or M occupancies: Access to toilet facilities in occupancies other than use Group A or M occupancies shall be from within the employee's regular working area. The required toilet facilities shall not exceed a distance of five hundred (500) feet (one hundred fifty-two (152) meters). Employee facilities shall be either separate facilities or public facilities.

Exception: Facilities that are required for employees in storage structures or kiosks, and which are located in adjacent structures under the same ownership, lease, or control, shall be a maximum travel distance of five hundred (500) feet (one hundred fifty-two (152) meters) from the employees' regular working area.

(7) Section 2905.2, Location of employee toilet facilities in buildings of use Groups A and M occupancies: Employees shall be provided with toilet facilities in buildings and tenant spaces utilized as restaurants, nightclubs, places of public assembly, and retail sales occupancies. The employee facilities shall be either separate facilities or public facilities.

Exception: Employee toilet facilities shall not be required in tenant spaces of nine hundred (900) square feet (eighty-four (84) meters squared) or less where the travel distance from the main entrance of the tenant space to a central toilet area does not exceed five hundred (500) feet (one hundred fifty-two (152) meters) and such central toilet facilities are located not more than one (1) story above or below the tenant space.

(8) SECTION 2906. Public facilities: The public shall be provided with toilet facilities in structures and tenant spaces utilized as restaurants, nightclubs, places of assembly, and retail sales occupancies. Public toilet facilities shall be located not more than one (1) story above or below the space required to be provided with public toilet facilities, and the path of travel to such facilities shall not exceed a distance of five hundred (500) feet (one hundred fifty-two (152) meters). In covered mall buildings, required facilities shall be based on total square footage, and facilities shall be installed in each individual store

or in a central toilet area located in accordance with this section. The maximum travel distance to the central toilet facilities in covered mall buildings shall be measured from the main entrance of any store or tenant space.

Exception: Public facilities are not required in structures or tenant spaces with an occupant load of less than one hundred fifty (150) and which do not serve food or beverages to be consumed within the structure or tenant space.

(9) SECTION 2907. Access for cleaning: Plumbing fixtures shall be installed so as to afford access for cleaning both the fixture and area around the fixture. Unless conditions such as freezing or structural impairment restricts, all pipes from fixtures shall be routed to the nearest wall.

(10) SECTION 2908. Convenience and function: Fixtures shall be set level and in alignment with reference to adjacent walls.

1. Water closets, lavatories, and bidets: A water closet, lavatory, or bidet shall not be set closer than fifteen (15) inches (three hundred eighty-one (381) millimeters) from its center to any side wall, partition, vanity, or other obstruction, nor closer than thirty (30) inches (four hundred sixty-two (462) millimeters) clearance in front of the water closet or bidet to any wall, fixture, or door. Water closet compartments shall not be less than thirty (30) inches (seven hundred sixty-two (762) millimeters) wide and sixty (60) inches (one thousand five hundred twenty-four (1,524) millimeters) deep. There shall be at least eighteen (18) inches (four hundred fifty-seven (457) millimeters) clearance in front of a lavatory to any wall fixture, or door. See Figure 29.

2. Urinals: A urinal shall not be set closer than fifteen (15) inches (three hundred eighty-one (381) millimeters) from the center of the urinal to any side wall, partition, vanity, or other obstruction, nor closer than thirty (30) inches (seven hundred sixty-two (762) millimeters) center-to-center between urinals.

(11) SECTION 2909. Drinking Fountains. Where required by TABLE No. 29, drinking fountains shall be installed.

Exceptions:

1. Where water is served in restaurants or where bottled water coolers are provided in other occupancies, drinking fountains shall not be required.

2. Drinking fountains shall not be installed in public rest rooms or nonprivate bathrooms.

(12) SECTION 2910. Substitution of urinals for water closets. In each bathroom or toilet room, urinals shall not be substituted for more than fifty percent (50%) of the required water closets.

(13) SECTION 2911. Access: Where access by persons with a disability is required by Chapter 11, accessible toilet and other facilities shall be provided as specified in that chapter.

(14) SECTION 2912. Unisex bathing and toilet rooms.

(15) Section 2912.1 General. Unisex bathing and toilet rooms shall comply with this section and Chapter 11. In Groups A and M Occupancies, an accessible unisex toilet room shall be provided where an aggregate of six (6) or more male and female water closets are required. In buildings of mixed occupancy, only those water closets required for the Group A or M Occupancy shall be used to determine the unisex toilet room requirement.

(16) Section 2912.2 Location. Unisex toilet and bathing rooms shall be located on an accessible route. Unisex toilet rooms shall be located not more than one (1) story above or below separate-sex toilet facilities. The accessible route from any separate-sex toilet room to a unisex toilet room shall not exceed five hundred (500) feet (one hundred fifty-two thousand four hundred (152,400) millimeters). Additionally, in passenger transportation facilities and airports, the accessible route from separate-sex toilet facilities to a unisex toilet room shall not pass through security checkpoints.

(17) Section 2912.3 Clear floor space. Where doors swing into a unisex toilet or bathing room, a clear floor space not less than thirty (30) inches by forty-eight (48) inches (seven hundred sixty-two (762) millimeters by one thousand two hundred nineteen (1,219) millimeters) shall be provided within the room, beyond the area of the door swing.

(18) Section 2912.4 Required fixtures.

(19) Section 2912.4.1 Unisex toilet rooms. Unisex toilet rooms shall include only one (1) water closet and only one (1) lavatory. Where a bathing facility is provided within a unisex toilet room, only one (1) shower shall be provided.

Exception: A separate-sex toilet room containing not more than two (2) water closets without urinals, or containing only one (1) water closet and one (1) urinal, may be considered a unisex toilet room.

(20) Section 2912.4.2 Unisex bathing rooms. Unisex bathing rooms shall include one (1) shower fixture. Unisex bathing rooms shall also include one (1) water closet and one (1) lavatory. Where storage facilities are provided for separate-sex bathing facilities, accessible storage facilities shall be provided for unisex bathing rooms.

BUILDING CODES

TABLE NO. 29
MINIMUM NUMBER OF PLUMBING FACILITIES

Fixtures
Number of fixtures per number of occupants

Building Occupancy		Water Closets		Lavatories	Bathtubs/ Showers	Drinking Fountains	Service Sink
		Males	Females				
A	Theaters	1 per 125	1 per 65	1 per 200	—	1 per 1,000	1
	Night Clubs	1 per 40	1 per 40	1 per 75	—	1 per 500	1
	Restaurants	1 per 75	1 per 75	1 per 200	—	1 per 500	1
	Halls, museums, etc.	1 per 125	1 per 65	1 per 200	—	1 per 1,000	1
	Coliseums, arenas	1 per 75	1 per 40	1 per 150	—	1 per 1,000	1
	Churches (b)	1 per 150	1 per 75	1 per 200	—	1 per 1,000	1
	Stadiums, pools, etc.	1 per 100	1 per 50	1 per 150	—	1 per 1,000	1
B	Business	1 per 25		1 per 40	—	1 per 100	1
M	Retail sales	1 per 500		1 per 750	—	1 per 1,000	1
F	Factory and industrial	1 per 100		1 per 100	emergency showers and eyewash	1 per 400	1
S	Storage	1 per 100		1 per 100	emergency showers and eyewash	1 per 1,000	1
E	Educational	1 per 50		1 per 50	—	1 per 100	1
H	Hazardous	1 per 100		1 per 100	emergency showers and eyewash	1 per 1,000	1
I	Hospitals (c)	1 per room (f)		1 per room (f)	1 per 15	1 per 100	1 per floor
	I-1 Nurseries, day care centers, sanitariums, and nursing homes with nonambulatory patients (c)	1 per 15		1 per 15	1 per 15 (g)	1 per 100	1
	I-2 Nursing homes for ambulatory patients (c)	1 per room (f)		1 per room (f)	1 per 15	1 per 100	1 per floor
	I-3 Mental hospitals, mental sanitariums, etc.	1 per 15		1 per 15	1 per 15	1 per 100	1
	I-3 Jails/reformatory cells	1 per cell		1 per cell	1 per 8	—	—
	I-3 Dormitory or other institutional rooms with 24 hour access to sanitary facilities	1 per 12	1 per 8	1 per 12	1 per 8	—	—
	I-3 Exercise rooms	1 per room		1 per room	—	—	—
	I-3 Employees (c)	1 per 25		1 per 25	—	1 per 100	—
	I-3 Visitors	1 per 75		1 per 100	—	1 per 500	—
R	Lodges, dormitories, and bed and breakfast facilities	1 per 10		1 per 8	1 per 10	1 per 100	1
	Hotels and motels	1 per guest room		1 per guest room	1 per guest room	—	1
	Multiple family housing (d)	1 per dwelling unit		1 per dwelling unit	1 per dwelling unit	—	1 kitchen sink per dwelling unit

Note (a) The fixtures shown are based on one (1) fixture being the minimum required for the number of persons indicated or any fraction of the number of persons indicated.

Note (b) Fixtures located in adjacent buildings under the ownership or control of the church may be made available during periods the church is occupied.

Note (c) Toilet facilities for employees shall be separate from the facilities for inmates or patients.

Note (d) One (1) automatic clothes washer connection shall be required per twenty (20) dwelling units.

Note (e) One (1) automatic clothes washer connection shall be required per dwelling unit.

Note (f) A single-occupant toilet room and one (1) water closet and one (1) lavatory servicing not more than two (2) adjacent patients rooms shall be permitted where such room is provided with direct access from each patient room and with provisions for privacy.

Note (g) For nurseries, a maximum of one (1) bathtub shall be required.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-28; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-29 Chapter 30; elevators and conveying systems

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

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

Sec. 29. Chapter 30 is amended as follows:

(1) Amend Section 3001.2, Referenced standards, by deleting "shall conform to ASME A17.1, ASME A90.1, ASME B20.1, ALIALCTV, and ASCE 24 for construction in flood areas established in Section 1612.3" and substituting "that are part of a Class 1 structure shall conform to the Indiana Elevator Safety Code (675 IAC 21)".

(2) Amend Section 3001.4, Change in use, by deleting the text and substituting to read as follows: See the Indiana Elevator Safety Code (675 IAC 21) for any change of use of an elevator.

(3) Add a new Section 3002.4.1 after Section 3002.4 to read as follows: 3002.4.1 Elevator cars to accommodate an ambulance stretcher in buildings three (3) stories or less in height. In buildings of I-1, I-2, I-3, and R-4 occupancies that are three (3) stories or less in height, where an elevator is installed, such elevator shall be installed in accordance with the provisions in Section 3002.4.

(4) Amend Section 3005.3, Conveyors, by deleting the text and substituting to read as follows: Conveyors and conveying systems that are within the scope of Section 101.2 shall comply with ASME B20.1 and Sections 3003.1 and 3005.3.2.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-29; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-30 Chapter 31; special construction

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

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

Sec. 30. Chapter 31 is amended as follows:

(1) Amend Section 3103.1.1, Permit required, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-6) and local ordinance.

(2) Amend Section 3103.2, Construction documents, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-6) and local ordinance.

(3) Delete Section 3107.1, General, without substitution.

(4) Amend Section 3109, Swimming pool enclosures, by deleting the text and substituting to read as follows: See the Indiana Swimming Pool Code (675 IAC 20).

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-30; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

675 IAC 13-2.5-31 Chapter 32; encroachments into the public right-of-way

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

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

Sec. 31. Chapter 32 is amended as follows: Delete Chapter 32, Encroachments into the public right-of-way, and substitute as follows: See local ordinance. (*Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-31; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher*)

675 IAC 13-2.5-32 Chapter 33; safeguards during construction

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

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

Sec. 32. Chapter 33 is amended as follows: Delete Chapter 33, Safeguards during construction, without substitution. (*Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-32; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher*)

675 IAC 13-2.5-33 Chapter 34; existing structures

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

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

Sec. 33. Chapter 34 is amended as follows:

- (1) Amend Section 3401.1, Scope, by deleting "alteration, repair, addition and" without substitution.
- (2) Amend Section 3401.2, Maintenance, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-4-9).
- (3) Delete Section 3401.3 without substitution.
- (4) Amend Section 3403, Additions, alterations or repairs, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-4-12).
- (5) Amend Section 3406, Change of occupancy, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-4-11) and Section 1613.3.
- (6) Delete Section 3407, Historic buildings, without substitution.
- (7) Amend Section 3408, Moved structures, by deleting the text and substituting to read as follows: See the General Administrative Rules (675 IAC 12-4-10).
- (8) Delete Section 3409, Accessibility for existing buildings, without substitution.
- (9) Amend Section 3410 by deleting the title and substituting to read as follows: Evaluation, Processes, and Procedures.
- (10) Amend Section 3410.1 as follows:
 - (A) Delete "repair, alteration, addition and" and substitute "a change of use or".
 - (B) Delete "Chapters 2 through 33, or Section 3401.3, and 3403 through 3407" and substitute to read "the rules of the Commission for new construction".
 - (C) Delete "other provisions of this code" and substitute to read "such rules of the Commission".
 - (D) Delete Sections 3410.2 and 3410.3 without substitution.
- (11) Add a new Section 3410.2 Applicability as follows: The provisions of this chapter shall apply to existing buildings, or portions thereof, where the proposed new occupancies are in Groups A, B, E, F, M, R, S, and U or within a different division of the same occupancy group. These provisions shall not apply to buildings of Group H Occupancies. For institutional occupancies, National Fire Protection Association Standard Number 101A, 2001 Edition, shall be recognized as an alternative means of evaluation for conversion to and for existing buildings of I-1, I-2, and I-4 occupancies.
- (12) Delete Sections 3410.2.1, 3410.2.2, 3410.2.3, 3410.2.4, 3410.2.5, and 3410.3 without substitution.
- (13) Amend Section 3410.4.1, Structural analysis, as follows:
 - (A) Delete, in the title, "analysis" and substitute "evaluation".
 - (B) After "owner", insert "or the owner's agent".

BUILDING CODES

(C) Delete "analysis" and substitute "evaluation".

(D) Delete "alteration, addition" and substitute "change of use".

(E) In the last sentence, delete "minimum load" and insert "minimum live load".

(14) Amend Table 3410.6.5 by deleting footnote "a" without substitution.

(15) Amend Section 3410.6.5.1 by adding in category c "fire-rated" between "without" and "corridors" and adding a comma and "or where corridors are not required" after "Section 1017".

(16) Amend Section 3410.6.11 by deleting the second sentence and substituting to read as follows: In applying this section, the means of egress are required to conform to Sections 1004, 1005, 1014, 1015, and 1019.

(17) Amend Section 3410.6.13 by deleting 1015.1 after "Section" and substituting 1016.1.

(18) Amend Section 3410.6.15.1 by deleting "Section 2702" in Categories "A" and "B" and substituting "Section 1006.3".

(19) Amend Table 3410.6.17 by deleting the "B" from the Occupancy column on row three of the table and adding a new row four with only "B" under the Occupancy column and the tabular values as follows:

TABLE 3410.6.17						
SPRINKLER SYSTEM VALUES						
OCCUPANCY	CATEGORIES					
	a	b	c	d	e	f
B	-4	-2	0	3	6	12

(20) Amend Table 3410.6.18 by deleting "302.1.1" after "Protection Required by Table" and substituting "508.2".

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-33; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher; filed Oct 27, 2009, 2:36 p.m.: 20091125-IR-675090186FRA; filed Nov 24, 2010, 3:21 p.m.: 20101222-IR-675100251FRA)

675 IAC 13-2.5-34 Adoption by reference

Authority: IC 22-13-2-2

Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15; IC 36-7-2-9

Sec. 34. (a) That certain document being titled ASCE/SEI 7-05 Minimum Design Loads for Buildings and Other Structures, 2005 Edition, second printing, as published by the American Society of Civil Engineers, 1801 Alexander Bell Dr., Reston, Va. 20191, is hereby adopted by reference as if fully set out in this rule save and except those revisions made in this rule.

(b) This rule and incorporated documents therein are available to review and as reference at the Department of Homeland Security, Code Services Section, Indiana Government Center South, 302 West Washington Street, Room W246, Indianapolis, Indiana 46204.

(c) Delete Chapters 1, 2, 3, 4, 5, 8, 9, and 10 without substitution.

(d) Amend Chapter 13 as follows:

(1) Amend Section 13.5.7.2, Special Access Floors, by deleting the text of the last sentence of item one and substituting to read as follows: Design load capacities comply with approved design standards and/or approved test results.

(2) Amend Section 13.6.1, General, by deleting "Mechanical and electrical components and their supports" and substituting "Attachments and supports for mechanical and electrical components that are within the scope of Section 101.2".

(3) Amend Section 13.6.8.4, Other Piping Systems, by deleting "Piping" and substituting "Other piping systems within the scope of Section 101.2 and".

(e) Amend Chapter 15 as follows:

(1) Amend Section 15.1.1, Nonbuilding Structures, by deleting the text and substituting to read as follows: The requirements of this section apply to self-supporting structures or structures supported by other structures that are within the scope of 101.2 that carry gravity loads that are not defined as buildings, vehicular or railroad bridges, nuclear power generation plants, offshore platforms, or dams. Where the building official has approved the use of specific industry standards for seismic design of nonbuilding structures, those standards shall be applicable within the limitations of the requirements of this section.

(2) Amend Section 15.5.3, Steel Storage Racks, by deleting the text and substituting to read as follows: Steel storage racks that are a part of the structural system of a Class 1 structure shall comply with this code.

(3) Delete Section 15.5.3.3, Vertical Distribution of Seismic Force, without substitution.

- (4) Delete Section 15.5.3.4, Seismic Displacement, without substitution.
- (5) Amend Section 15.7, Tanks and Vessels, by deleting the text and substituting to read as follows: Storage tanks within the scope of Section 101.2 shall be designed to comply with this code.
- (6) Amend Section 15.5.5.1, Structural Towers, by adding, after "vessels", "that are within the scope of Section 101.2".
- (7) Amend Section 15.6.1, Earth-Retaining Structures, by adding, after "structures", "that are within the scope of Section 101.2 and".
- (8) Amend Section 15.6.2, Stacks and Chimneys, by adding, after "chimney", "within the scope of Section 101.2".
- (9) Delete Section 15.6.6, Telecommunication Towers, without substitution.
- (10) Amend Section 15.6.3, Amusement Structures, by adding, after "structures", "within the scope of Section 101.2".
- (11) Amend Section 15.6.4, Special Hydraulic Structures, by adding, after "structures", "within the scope of Section 101.2".
- (12) Delete Section 15.7.11.2, ASME Boilers and Pressure Vessels, without substitution.
- (f) Amend Chapter 17 as follows:
 - (1) Amend Section 17.1, General, by adding, after "structure", "within the scope of Section 101.2".
 - (2) Amend Section 17.2.4.8, Inspection and Replacement, by deleting the text and substituting to read as follows: Access for inspection and replacement of all components of the isolation system shall be provided.
 - (3) Delete Section 17.2.4.9, Quality Control, without substitution.
 - (4) Amend Section 17.2.5.3 by adding, after "structures", "within the scope of Section 101.2".
 - (5) Amend Section 17.6.4.4, Drift Limits, by deleting the text after "Section 17.5.4.2" without substitution.
 - (6) The appendices are not adopted as part of this rule.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-34; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher; errata filed Jul 3, 2008, 8:10 a.m.: 20080716-IR-675070476ACA; filed Oct 27, 2009, 2:36 p.m.: 20091125-IR-675090186FRA; filed Nov 24, 2010, 3:21 p.m.: 20101222-IR-675100251FRA)

675 IAC 13-2.5-35 Chapter 35; referenced standards

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

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

Sec. 35. Chapter 35 is amended as follows:

- (1) Amend, in the first paragraph, by deleting "Section 102.4" and substituting "Section 101.3".
- (2) Delete the following referenced standards without substitution:
 - (A) ASCE 24-05.
 - (B) ASME A17.1-04.
 - (C) ASME A90.1-03.
 - (D) ICC A117.1-03.
 - (E) NFPA 11-02.
 - (F) NFPA 12-00.
 - (G) NFPA 13-02.
 - (H) NFPA 13R-02.
 - (I) NFPA 14-03.
 - (J) NFPA 17-02.
 - (K) NFPA 17A-02.
 - (L) NFPA 2001-04.
- (3) Delete Chapter 5 of ICC 300 (Standard on Bleachers, Folding and Telescopic Seating, and Grandstands) without substitution.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-35; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher; filed Oct 27, 2009, 2:36 p.m.: 20091125-IR-675090186FRA)

675 IAC 13-2.5-36 Appendices

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

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

Sec. 36. Appendices are amended as follows:

- (1) Delete Appendix A, Employee Qualifications.
- (2) Delete Appendix B, Board of Appeals.
- (3) Delete Appendix C, Group U Agricultural Buildings.
- (4) Delete Appendix D, Fire Districts.
- (5) Delete Appendix E, Supplementary Accessibility Requirements.
- (6) Delete Appendix F, Rodent Proofing.
- (7) Delete Appendix G, Flood Resistant Construction.
- (8) Delete Appendix H, Signs.
- (9) Delete Appendix I, Patio Covers.
- (10) Delete Appendix J, Grading.
- (11) Delete Appendix K, ICC Electrical Code.

(Fire Prevention and Building Safety Commission; 675 IAC 13-2.5-36; filed Mar 18, 2008, 2:34 p.m.: 20080423-IR-675070476FRA, eff 90 days after filing with the Publisher)

Rule 3. Indiana Building Code Standards (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Feb 15, 1989, 5:00 p.m.: 12 IR 1552, eff Apr 3, 1989)

Rule 3.1. Indiana Building Code Standards (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Dec 1, 1992, 5:00 p.m.: 16 IR 1126, eff Jan 3, 1993)

Rule 3.2. Indiana Building Code Standards, 1993 Edition (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Mar 31, 1998, 1:45 p.m.: 21 IR 2908)

Rule 4. Handicapped Accessibility Code (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Dec 15, 1989, 5:05 p.m.: 13 IR 896)

Rule 4.1. Indiana Handicapped Accessibility Code, Second Edition (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Mar 13, 1995, 2:30 p.m.: 18 IR 2102)

Rule 4.2. American National Standard A117.1-1986 (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Mar 13, 1995, 2:30 p.m.: 18 IR 2102)

*