

ARTICLE 18. MECHANICAL CODE

Rule 1.	Indiana Mechanical Code (Repealed)
Rule 1.1.	Indiana Mechanical Code, 1989 Edition (Repealed)
Rule 1.2.	Indiana Mechanical Code, 1992 Edition (Repealed)
Rule 1.3.	Indiana Mechanical Code, 1997 Edition (Repealed)
Rule 1.4.	Indiana Mechanical Code, 2003 Edition (Repealed)
Rule 1.5.	Indiana Mechanical Code, 2008 Edition (Repealed)
Rule 1.6.	2014 Indiana Mechanical Code

Rule 1. Indiana Mechanical Code (*Repealed*)

(Repealed by Fire Prevention and Building Safety Commission; filed Oct 28, 1988, 3:00 p.m.: 12 IR 588, eff Jan 2, 1989)

Rule 1.1. Indiana Mechanical Code, 1989 Edition (*Repealed*)

(Repealed by Fire Prevention and Building Safety Commission; filed Aug 26, 1992, 5:00 p.m.: 16 IR 62, eff Nov 1, 1992)

Rule 1.2. Indiana Mechanical Code, 1992 Edition (*Repealed*)

(Repealed by Fire Prevention and Building Safety Commission; filed Dec 24, 1997, 11:00 a.m.: 21 IR 1754)

Rule 1.3. Indiana Mechanical Code, 1997 Edition (*Repealed*)

(Repealed by Fire Prevention and Building Safety Commission; filed Apr 21, 2003, 9:00 a.m.: 26 IR 2967)

Rule 1.4. Indiana Mechanical Code, 2003 Edition (*Repealed*)

(Repealed by Fire Prevention and Building Safety Commission; filed Mar 18, 2008, 2:22 p.m.: [20080423-IR-675070477FRA](#), eff 90 days after filing with the Publisher)

Rule 1.5 Indiana Mechanical Code, 2008 Edition (*Repealed*)

(Repealed by Fire Prevention and Building Safety Commission; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014)

Rule 1.6. 2014 Indiana Mechanical Code

675 IAC 18-1.6-1	Adoption by reference
675 IAC 18-1.6-2	Chapter 1; administration
675 IAC 18-1.6-3	Chapter 2; definitions
675 IAC 18-1.6-4	Chapter 3; general regulations
675 IAC 18-1.6-5	Chapter 4; ventilation
675 IAC 18-1.6-6	Chapter 5; exhaust systems
675 IAC 18-1.6-7	Chapter 6; duct systems
675 IAC 18-1.6-8	Chapter 8; chimneys and vents
675 IAC 18-1.6-9	Chapter 9; specific appliances, fireplaces and solid fuel-burning equipment
675 IAC 18-1.6-10	Chapter 10; boilers, water heaters, and pressure vessels
675 IAC 18-1.6-11	Chapter 11; refrigeration
675 IAC 18-1.6-12	Adoption by reference; ASME B16.51

675 IAC 18-1.6-1 Adoption by reference

Authority: [IC 22-13-2-2](#)

Affected: [IC 22-12-7](#); [IC 22-13](#); [IC 22-14](#); [IC 36-8-17](#)

Sec. 1. (a) That certain document being titled the International Mechanical Code, 2012 Edition, first printing dated April 2011, as published by the International Code Council, Inc., 4051 West Flossmoor Road, Country Club Hills, Illinois 60478-5795, 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 is available to review and reference at:

Legal and Code Services Section
Indiana Department of Homeland Security
Indiana Government Center South
302 West Washington Street, Room W246
Indianapolis, Indiana 46204

(Fire Prevention and Building Safety Commission; 675 IAC 18-1.6-1; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; errata filed Aug 7, 2014, 8:54 a.m.: [20140827-IR-675130340ACA](#); readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#))

675 IAC 18-1.6-2 Chapter 1; administration

Authority: [IC 22-13-2-2](#)

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 36-8-17](#)

Sec. 2. Delete Chapter 1 and insert to read as follows: (a) 101.1 Title. This rule shall be known as the 2014 Indiana Mechanical 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 2014 Indiana Mechanical Code.

(b) 101.2 Scope.

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

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

(B) 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.

(C) Work undertaken to alter, remodel, rehabilitate, or add to any part of a Class 1 structure.

(D) Safeguarding life or property from the hazards of fire and explosion for Class 1 structures.

(E) Fabrication of any part of a Class 1 industrialized building system for installation, assembly, or use at another site, except mobile structures.

(F) Work undertaken to relocate any part of a Class 1 structure except a mobile structure.

(G) Assembly of a Class 1 industrialized building system that is not covered by subdivision (E), except mobile structures.

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

(c) 101.3 Intent. The intent of this code is to prescribe maintenance, new construction requirements, and operational rules for the safeguarding to a reasonable degree of life and property from the hazards of fire or explosion arising from the storage, handling, or use of substances, materials, and devices.

(d) 101.5 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, 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.

(e) 101.6 Appeals and Interpretations. Appeals from orders issued by the Fire Prevention and Building Safety Commission or the Division of Fire and Building Safety 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 state building commissioner 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 state building commissioner publishes the written interpretation of the building law

in the Indiana Register under [IC 4-22-7-7\(b\)](#).

(f) 101.7 Plans. Plans shall be submitted for Class 1 structures as required by the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15).

(g) 101.8 Existing Construction. For existing Class 1 structures, see the General Administrative Rules (675 IAC 12-4) and for Class 2 structures as required by local ordinance.

(h) 101.9 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)).

(i) 101.10 Alternate Materials, Methods, and Equipment: See 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 18-1.6-2; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#)*)

675 IAC 18-1.6-3 Chapter 2; definitions

Authority: [IC 22-13-2-2](#)

Affected: [IC 10-19-2](#); [IC 22-12-2-1](#); [IC 22-12-7](#); [IC 22-13](#); [IC 22-14](#); [IC 25-4](#); [IC 25-31](#); [IC 36-7-2-9](#); [IC 36-8-17-8](#)

Sec. 3. Chapter 2 is amended to read as follows: (a) Amend Section 201.3 by deleting the text and inserting the following: Where terms are not defined in this code and are defined in the Indiana Building Code (675 IAC 13), Indiana Electrical Code (675 IAC 17), Indiana Fire Code (675 IAC 22), Indiana Fuel Gas Code (675 IAC 25), or Indiana Plumbing Code (675 IAC 16), such terms shall have the meanings ascribed to them in those codes.

(b) Amend Section 202 Definitions, as follows:

(1) Amend the definition of APPLIANCE, EXISTING to read as follows: APPLIANCE, EXISTING. Any appliance regulated by this code which was legally installed prior to the effective date of this code.

(2) Amend the definition of APPROVED to read as follows: APPROVED. As to materials, equipment, design, and types of construction, acceptance by the code 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, design of products, and construction are safe for the intended purpose.

(3) Amend the definition of APPROVED AGENCY, to delete the words "approved by the code official and".

(4) Add the definition of APPROVED TESTING LABORATORY to read as follows: APPROVED TESTING LABORATORY means a laboratory described in 675 IAC 12-6-11(c).

(5) Add the definition of AUTHORITY HAVING JURISDICTION means the Division of Fire and Building Safety or officer of a local unit of government empowered by law to administer and enforce the rules of the commission.

(6) Delete the definition of CODE without substitution.

(7) Delete the definition of CODE OFFICIAL and insert to read as follows: 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 local fire department as authorized under [IC 36-8-17-8](#).

(8) Add the definition of COMMISSION to read as follows: COMMISSION is the Indiana Fire Prevention and Building Safety Commission as set forth at [IC 22-12-2-1](#).

(9) Delete the definition of COMPENSATING HOODS without substitution.

(10) Delete the definition of CONSTRUCTION DOCUMENTS and insert to read as follows: CONSTRUCTION DOCUMENTS means 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).

(11) Add the definition of DIVISION OF FIRE AND BUILDING SAFETY to read as follows: DIVISION OF FIRE AND BUILDING SAFETY means the Division of Fire and Building Safety of the Indiana Department of Homeland Security created pursuant to [IC 10-19-2](#).

(12) Delete the text in the definition of DWELLING UNIT and insert to read as follows: Any building or portion thereof

which 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 residence for sixteen (16) or fewer persons.

(13) Add the definition of FIRE CODE to read as follows: FIRE CODE: Means the Indiana Fire Code.

(14) Add the definition of INDIANA BUILDING CODE to read as follows: INDIANA BUILDING CODE means the Indiana Building Code (675 IAC 13) in effect in Indiana at the time of construction in accordance with 675 IAC 12-4-7.

(15) Add the definition of INDIANA ELECTRICAL CODE to read as follows: INDIANA ELECTRICAL CODE means the Indiana Electrical Code (675 IAC 17) in effect at the time of construction in accordance with 675 IAC 12-4-7.

(16) Add the definition of ICC ELECTRICAL CODE: means the Indiana Electrical Code.

(17) Add the definition of Indiana Energy Conservation Code to read as follows: INDIANA ENERGY CONSERVATION CODE (675 IAC 19) means the Indiana Energy Code in effect at the time of construction in accordance with 675 IAC 12-4-7(17).

(18) Add the definition of INDIANA FIRE CODE to read as follows: INDIANA FIRE CODE means the rules adopted in (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 in effect at the time of construction.

(19) Add the definition of INDIANA FUEL GAS CODE to read as follows: INDIANA FUEL GAS CODE means the rules adopted at (675 IAC 25) in effect in Indiana at the time of construction in accordance with 675 IAC 12-4-7.

(20) Add the definition of INDIANA MECHANICAL CODE to read as follows: INDIANA MECHANICAL CODE means the Indiana Mechanical Code (675 IAC 18) in effect at the time of construction in accordance with 675 IAC 12-4-7.

(21) Add the definition of INDIANA PLUMBING CODE to read as follows: INDIANA PLUMBING CODE means the Indiana Plumbing Code (675 IAC 16) in effect at the time of construction in accordance with 675 IAC 12-4-7.

(22) Add the definition of INSPECTION AUTHORITY to read as follows: INSPECTION AUTHORITY. See CODE OFFICIAL.

(23) Add the definition of INTERNATIONAL BUILDING CODE to read as follows: INTERNATIONAL BUILDING CODE: means Indiana Building Code.

(24) Add the definition of INTERNATIONAL ENERGY CONSERVATION CODE to read as follows: INTERNATIONAL ENERGY CONSERVATION CODE: means the Indiana Energy Conservation Code.

(25) Add the definition of INTERNATIONAL MECHANICAL CODE to read as follows: INTERNATIONAL MECHANICAL CODE: means the Indiana Mechanical Code.

(26) Add the definition of NFPA 70 to read as follows: NFPA 70, National Electrical Code: means the Indiana Electrical Code.

(27) Add the definition of INTERNATIONAL PLUMBING CODE to read as follows: INTERNATIONAL PLUMBING CODE: means the Indiana Plumbing Code.

(28) Amend the definition of LABELED to read as follows: LABELED means equipment or materials to which has been attached a label, symbol, or other identifying mark of an organization engaged in product evaluation, that maintains periodic inspection of production of labeled equipment or materials, and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.

(29) Amend the definition of LISTED to read as follows: LISTED means equipment or materials included in a list published by an organization engaged in product evaluation, that maintains periodic inspection of production of listed equipment or materials, and whose listing states either that the equipment or material meets appropriate standards or has been tested and found suitable for use in a specified manner.

(30) Amend the definition of OCCUPANCY to read as follows: OCCUPANCY CLASSIFICATION. Occupancy classification shall be as specified in the Building Code in effect at the time of construction, alteration, or change of occupancy.

(31) Add the definition of Owner to read as follows: OWNER means any person, agent, firm or corporation having a legal or equitable interest in the property.

(32) Add the definition of QUALIFIED INDIVIDUAL to read as follows: QUALIFIED INDIVIDUAL means a person who either holds a current National Institute for Certification in Engineering Technologies certification in the fire protection system being installed, serviced or repaired, or has successfully completed a course of instruction specific to the equipment being installed, service, or repaired. Such instruction shall have been provided by the manufacturer of the equipment or their authorized representative.

(33) 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 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.

(34) Add the definition of RETAIL FOOD SERVICE ESTABLISHMENT to read as follows: RETAIL FOOD SERVICE ESTABLISHMENT. See 410 IAC 7-24-79.

(35) Amend the definition of THIRD-PARTY CERTIFICATION AGENCY, to delete the word "approved".

(36) Amend the definition of THIRD-PARTY CERTIFIED, to delete the words "an approved" and insert "a".

(37) Add the definition of TOWNHOUSE to read as follows: TOWNHOUSE has the meaning ascribed thereto in [IC 22-12-1-5\(c\)](#).

(Fire Prevention and Building Safety Commission; 675 IAC 18-1.6-3; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#))

675 IAC 18-1.6-4 Chapter 3; general regulations

Authority: [IC 22-13-2-2](#)

Affected: [IC 22-12-7](#); [IC 22-13](#); [IC 22-14](#); [IC 36-8-17](#)

Sec. 4. (a) In Section 301.2, Energy utilization, insert "Class 1" after "all" and before "structures".

(b) Amend Section 301.3 by adding an exception to read as follows, Exception: The manufacturer identification for fittings and pipe nipples shall be on each piece or shall be printed on the fitting or nipple packaging or provided documentation.

(c) Amend Section 301.5, in the second sentence, to delete "an approved" in both places and insert "a".

(d) In Section 301.7, Listed and labeled, delete the text "in accordance with Section 105".

(e) Delete Section 301.8 Labeling in its entirety.

(f) Delete the text of Section 301.16, Flood hazard, and insert See local ordinance.

(g) Delete Section 301.17 Rodent proofing in its entirety.

(h) Delete the text of Section 304.1, General, and insert to read as follows: Equipment and appliances shall be installed in accordance with the conditions of the listing, the manufacturer's installation instructions, and this code unless otherwise approved.

(Fire Prevention and Building Safety Commission; 675 IAC 18-1.6-4; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#))

675 IAC 18-1.6-5 Chapter 4; ventilation

Authority: [IC 22-13-2-2](#)

Affected: [IC 22-12-7](#); [IC 22-13](#); [IC 22-14](#); [IC 36-8-17](#)

Sec. 5. (a) Amend Section 401.2 to add the letter "R" after "Section" and before "402.4.1.2".

(b) Amend Section 401.4 by deleting "501.2.1" and inserting "501.3.1".

(c) Delete Section 401.6 Contaminant sources in its entirety.

(d) Amend Table 403.3 by adding the following table:

Table 403.3

MINIMUM VENTILATION RATES

OCCUPANCY CLASSIFICATION	OCCUPANT DENSITY #/1000 FT ² ^a	PEOPLE OUTDOOR AIRFLOW RATE IN BREATHING ZONE, R _p CFM/PERSON	AREA OUTDOOR AIRFLOW RATE IN BREATHING ZONE, R _a CFM/ FT ² ^a	EXHAUST AIRFLOW RATE CFM/ FT ² ^a
Hotels, motels, resorts and dormitories				
Multipurpose assembly	120	5	0.06	-
Bathrooms/toilets-private ^g		-	-	25/50f
Bedroom/living room	10	5	0.06	-
Conference/meeting	50	5	0.06	-
Dormitory sleeping areas	20	5	0.06	-

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Gambling casinos	120	7.5	0.18	-
Lobbies/prefunction	30	7.5	0.06	-

(e) Delete the text of Section 406.1, General, and insert the following: Uninhabited spaces, such as crawl spaces and attics, shall be provided with natural ventilation openings as required by the Indiana Building Code (675 IAC 13). (*Fire Prevention and Building Safety Commission; 675 IAC 18-1.6-5; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#)*)

675 IAC 18-1.6-6 Chapter 5; exhaust systems

Authority: [IC 22-13-2-2](#)

Affected: [IC 22-12-7](#); [IC 22-13](#); [IC 22-14](#); [IC 36-8-17](#)

Sec. 6. (a) Amend Section 501.1 by adding after "Section 502" "within the scope of Section 101.2".

(b) Amend Section 502.4, Exception by adding the following text Lithium-ion "and lithium metal polymer" batteries shall not require "additional" ventilation "beyond that which would normally be required for human occupancy of the space."

(c) Delete 502.8.1.1 (4) in its entirety.

(d) Amend Section 504.6.4 by adding at the end of the last sentence "or 504.6.4.3".

(e) Add Section 504.6.4.3, Engineered Exhaust System to read as follows: Clothes dryer exhaust ducts that utilize an engineered exhaust system designed by a registered design professional shall be an accepted design method. Engineering documentation shall be made available to the code official.

(f) Amend the first sentence in Section 506.3.11 by inserting "fire resistance" after "penetrates a". Amend the last sentence by deleting "506.3.10.1, 506.3.10.2, 506.11.2 and 506.3.10.3" and inserting "506.11.1, 506.11.2 or 506.11.3".

(g) Amend Section 506.3.11.2 by deleting "1497" after UL and inserting "1479".

(h) Amend Section 506.5.5 by deleting "506.3.12" and inserting "506.3.13".

(i) Amend Section 507.1, Exception 2, by deleting the text of the second sentence in its entirety and inserting the following: The heat and moisture loads from such appliances shall be accounted for in the building HVAC design.

(j) Amend Section 507.2 by inserting "and Table 507.2" after "507.2.2".

(k) Add Table 507.2, Type I Exhaust Hoods – When Required:

Table 507.2

Type I Exhaust Hoods – When Required

Appliance Type	Type I Hood Required?	Reference
LIGHT-DUTY COOKING APPLIANCE. Light-duty cooking appliances include gas and electric ovens (including standard, bake, roasting, revolving, retherm, convection, combination convection/steamer, countertop conveyORIZED baking/finishing, deck and pastry), electric and gas steam-jacketed kettles, electric and gas pasta cookers, electric and gas compartment steamers (both pressure and atmospheric) and electric and gas cheesemelters.	Only if the device produces grease or smoke, and the exception to 507.2.1 does not apply.	507.2.1
MEDIUM-DUTY COOKING APPLIANCE. Medium-duty cooking appliances include electric discrete element ranges (with or without oven), electric and gas hot-top ranges, electric and gas griddles, electric and gas double-sided griddles, electric and gas fryers (including open deep fat fryers, donut fryers, kettle fryers and pressure fryers), electric and gas conveyor pizza ovens, electric and gas tilting skillets (braising pans) and electric and gas rotisseries.	Yes, unless the exception to 507.2.1 applies.	507.2.1
HEAVY-DUTY COOKING APPLIANCE. Heavy-duty cooking appliances include electric under-fired broilers, electric chain (conveyor) broilers, gas under-fired broilers, gas chain (conveyor) broilers, gas open-burner ranges (with or without oven), electric and gas wok ranges, and electric and gas over-fired (upright) broilers and salamanders.	Yes, unless the exception to 507.2.1 applies.	507.2.1
EXTRA-HEAVY-DUTY COOKING APPLIANCE. Extra-heavy-duty	Yes. In addition, these	507.2.1

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cooking appliances include appliances utilizing solid fuel such as wood, charcoal, briquettes, and mesquite to provide all or part of the heat source for cooking.	devices must be under their own Type I hood system, and exhaust independently of other exhaust systems.	507.2.4
DOMESTIC COOKING APPLIANCES	Yes, if used in a Retail Food Service Establishment and the device produces grease or smoke.	507.2.3

(l) Amend Section 507.2.1 as follows:

(1) Before "Exception" insert "1".

(2) Delete the words "electric" and "approved".

(3) Add Exception 2 to read as follows: Exception 2: Conveyor type pizza ovens not used to cook "raw fatty proteins" such as bone-in, skin-on chicken, raw hamburger, raw bacon, raw sausage, raw steaks, and similar items.

(m) Amend Section 507.2.3 by adding an exception to read as follows: Exception:

(1) Domestic cooking appliances used only for warming or cooking that does not produce grease or smoke as a result of the cooking process shall not require a Type 1 hood.

(n) Amend Section 507.11 by adding a second paragraph to read as follows: Mesh filters shall not be used.

(o) Amend Section 510.6.3 by deleting the sentence after the word "terminal", "except where the interior of the duct is equipped with an approved automatic fire suppression system" and adding the following exceptions:

Exception: 1. Where the interior of the duct is equipped with an approved automatic fire suppression system.

2. Galvanized steel ducts per Section 510.8 that penetrate required fire-resistance rated walls of one-hour or less, in other than a group H occupancy, when the building is equipped throughout with an automatic sprinkler system in accordance with the Indiana Building Code Section 903.3.1.

(Fire Prevention and Building Safety Commission; 675 IAC 18-1.6-6; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#))

675 IAC 18-1.6-7 Chapter 6; duct systems

Authority: [IC 22-13-2-2](#)

Affected: [IC 22-12-7](#); [IC 22-13](#); [IC 22-14](#); [IC 36-8-17](#)

Sec. 7. (a) Amend Section 602.2.1.4 by deleting the text in its entirety and inserting the following: 602.2.1.4 Combustible electrical equipment. Combustible electrical equipment exposed within a plenum shall have a peak rate of heat release not greater than 100 kilo watts, a peak optical density not greater than 0.50 and an average optical density not greater than 0.15 when tested in accordance with UL 2043. Combustible electrical equipment shall be listed and labeled.

(b) Delete Section 602.2.1.4.1 in its entirety.

(c) Delete Section 602.2.1.4.2 in its entirety.

(d) Amend Section 607.5.4 by deleting the text of Exception 2 and inserting the following: Exception 2. 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.

(e) Amend Section 607.5.5, after the word "fire", by deleting "and smoke" without substitution.

(f) Amend Section 607.5.5 by deleting Exception 2 without substitution. (Fire Prevention and Building Safety Commission; 675 IAC 18-1.6-7; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#))

675 IAC 18-1.6-8 Chapter 8; chimneys and vents

Authority: [IC 22-13-2-2](#)

Affected: [IC 22-12-7](#); [IC 22-13](#); [IC 22-14](#); [IC 36-8-17](#)

Sec. 8. Amend TABLE 803.10.6, CONNECTOR CLEARANCE TO COMBUSTIBLES, in the text at the bottom of the

MINIMUM CLEARANCE (inches) column, to delete "As determined by the code official" and insert "as approved by the code official". (*Fire Prevention and Building Safety Commission; 675 IAC 18-1.6-8; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#)*)

675 IAC 18-1.6-9 Chapter 9; specific appliances, fireplaces and solid fuel-burning equipment

Authority: [IC 22-13-2-2](#)

Affected: [IC 22-12-7](#); [IC 22-13](#); [IC 22-14](#); [IC 36-8-17](#)

Sec. 9. (a) Amend Section 908 to add the word "components" after the word "towers".

(b) Add Section 917.4 to read as follows: Deep fat fryers. Deep fat fryers shall be installed with at least a minimum of sixteen (16) inches of clearance from any open flame from adjacent cooking appliances.

Exception: When a steel baffle plate installed between the deep fat fryer and the open flame at least eight (8) inches high as measured from the higher horizontal plane, the sixteen (16) inches clearance shall not apply.

(*Fire Prevention and Building Safety Commission; 675 IAC 18-1.6-9; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#)*)

675 IAC 18-1.6-10 Chapter 10; boilers, water heaters, and pressure vessels

Authority: [IC 22-13-2-2](#)

Affected: [IC 22-12-7](#); [IC 22-13-2-9](#); [IC 22-14](#); [IC 36-8-17](#)

Sec. 10. (a) Amend Section 1001.1 by inserting Exception 8 to read as follows: Boilers, water heaters, and pressure vessels regulated by the Boiler and Pressure Vessel Board (680 IAC [675 IAC 30J]) under [IC 22-13-2-9](#) are not regulated by this code.

(b) Amend Section 1003.3, Welding, by inserting "approved" before "nationally". (*Fire Prevention and Building Safety Commission; 675 IAC 18-1.6-10; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#)*)

675 IAC 18-1.6-11 Chapter 11; refrigeration

Authority: [IC 22-13-2-2](#)

Affected: [IC 22-12-7](#); [IC 22-13](#); [IC 22-14](#); [IC 36-8-17](#)

Sec. 11. (a) Delete Section 1101.10 in its entirety without substitution.

(b) Amend Section 1105.6.3 by inserting after "multispeed fans shall be allowed to be", the words "30 air changes per hour".

(c) Amend Section 1106.5 to read as follows: Remote controls. Where flammable refrigerants are used, remote control of the mechanical equipment and appliances located in the machinery room shall comply with Sections 1106.5.1 and 1106.5.2 shall be provided at an approved location immediately outside the machinery room and adjacent to its principal entrance. (*Fire Prevention and Building Safety Commission; 675 IAC 18-1.6-11; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#)*)

675 IAC 18-1.6-12 Adoption by reference; ASME B16.51

Authority: [IC 22-13-2-2](#)

Affected: [IC 22-12-7](#); [IC 22-13](#); [IC 22-14](#); [IC 36-8-17](#)

Sec. 12. (a) That certain document being titled ASME B16.51, Copper and Copper Alloy Press-Connect Pressure Fittings, 2011 edition, as published by The American Society of Mechanical Engineers, Three Park Avenue, New York, NY 10016-5990, is hereby adopted by reference as if fully set out in this rule save and except those revisions made in this rule.

(b) Amend Table 1202.5 to insert, after "Copper and copper alloys standards", "ASME B16.51 2011".

(c) Amend Section 13 by deleting, in the first sentence, "The manufacturer of press" and inserting "Press".

(d) Amend Section 14.1 to delete the first sentence and insert to read as follows: Test reports demonstrating compliance with this Standard shall be provided to the code official upon request.

(e) Amend Figure 1 Method of Designating Laying Lengths of Fittings and Openings of Reducing Fittings, GENERAL

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NOTES: (d) to insert, after "shall be", "as".

(f) Amend Table 1 Dimensions of Press-Connect Ends, GENERAL NOTES: (c)) to insert, after "shall be", "as".

(g) Amend Mandatory Appendix I, Table I-1 Dimensions of Press-Connect Ends, GENERAL NOTES: (c)) to insert, after "shall be", "as".

(h) Amend Mandatory Appendix II, References as follows:

(1) Delete the second sentence in its entirety without substitution.

(2) Insert, after "ANSI/ASME B1.20.1, Pipe Threads, General Purpose (Inch)", "Edition: 13, Date: 11/15/13".

(3) Insert, after "ASME B4.4M, Inspection of Workpieces", "Edition 81, Date: 1994".

(Fire Prevention and Building Safety Commission; 675 IAC 18-1.6-12; filed Aug 1, 2014, 11:20 a.m.: [20140827-IR-675130340FRA](#), eff Dec 1, 2014; readopted filed Aug 6, 2020, 2:04 p.m.: [20200902-IR-675200309RFA](#))

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