

IDAPA 18 – IDAHO DEPARTMENT OF INSURANCE

State Fire Marshal

18.08.01 – Adoption of the International Fire Code

Who does this rule apply to?

This rule applies to the Idaho general public.

What is the purpose of this rule?

The purpose of this rule adopts the 2000 edition of the International Fire Code and editions by the State Fire Marshal, such as the minimum standard for the protection of life and property from fire and explosion in the state of Idaho.

What is the legal authority for the agency to promulgate this rule?

This rule implements the following statute passed by the Idaho Legislature:

- [41-02, et. seq., Idaho Code](#) – The Department of Insurance

Who do I contact for more information on this rule?

Department of Insurance
700 W. State Street, 3rd Floor
Boise, ID 83720-0043

P.O. Box 83720
Boise, ID 83720-0043
Phone: 1(800) 721-3272 or (208) 334-4250
Fax: (208) 334-4398
Email: rulesreview@doi.idaho.gov
Web: <https://doi.idaho.gov/>

Table of Contents

18.08.01 – Adoption of the International Fire Code

000. Legal Authority.	3
001. Title And Scope.	3
002. -- 009. (Reserved)	3
010. Construction And Design Provisions, Section 102.1, International Fire Code. .	3
011. Department Of Fire Prevention, Section 103.2 -- Appointments, International Fire Code.	3
012. General Authority And Responsibilities, Section 104.1, International Fire Code.	3
013. -- 015. (Reserved)	3
016. Permit Requisite, Section 105.1.1, International Fire Code.	3
017. Violation Penalties, Section 110.4, International Fire Code.	3
018. Failure To Comply, Section 112.4, International Fire Code.	4
019. Section 202, International Fire Code.	4
020. Sky Lanterns, Section 308.1.6.3, International Fire code.	4
021. Mobile Food Preparation Vehicles, Section 319, International Fire Code.	4
022. Chapter 5 Fire Service Features.	4
023. -- 026. (Reserved)	6
027. Alternative Automatic Fire-Extinguishing Systems, Section 904.1.1, International Fire Code.	6
028. Portable Fire Extinguishers, Section 906.2.1, International Fire Code.	6
029. Fire Alarm And Detection Systems, Section 907.1, International Fire Code. ...	6
030. Construction Requirements For Existing Buildings, Section 1101.1, International Fire Code.	6
031. Explosives And Fireworks, Chapter 56, International Fire Code.	6
032. -- 045. (Reserved)	6
046. Underground Tanks Out Of Service For One Year, Section 5704.2.13.1.3 International Fire Code.	6
047. -- 055. (Reserved)	6
056. References To Appendix, International Fire Code.	6
057. -- 999. (Reserved)	7

18.08.01 – ADOPTION OF THE INTERNATIONAL FIRE CODE

000. LEGAL AUTHORITY.

Title 41, Chapter 2, Idaho Code. (7-1-21)T

001. TITLE AND SCOPE.

01. Title. IDAPA 18.08.01, “Adoption of the International Fire Code.” (7-1-21)T

02. Scope. Pursuant to the authority provided by Section 41-253, Idaho Code, the State Fire Marshal adopts the International Fire Code as the minimum standard for the protection of life and property from fire and explosion in the state of Idaho. All such editions and appendices will be adopted in accordance with Section 67-5229, Idaho Code. (7-1-21)T

002. -- 009. (RESERVED)

010. CONSTRUCTION AND DESIGN PROVISIONS, SECTION 102.1, INTERNATIONAL FIRE CODE.

Delete Item No. 3 of Section 102.1, International Fire Code. (7-1-21)T

011. DEPARTMENT OF FIRE PREVENTION, SECTION 103.2 -- APPOINTMENTS, INTERNATIONAL FIRE CODE.

Delete the following language in section 103.2 of the International Fire Code: “... and the fire code official shall not be removed from office except for cause and after full opportunity to be heard on specific and relevant charges by and before the appointing authority.” (7-1-21)T

012. GENERAL AUTHORITY AND RESPONSIBILITIES, SECTION 104.1, INTERNATIONAL FIRE CODE.

Add the following second paragraph to Section 104.1, General, International Fire Code: (7-1-21)T

01. Fire Chief’s Authority. The fire chief is authorized to administer and enforce this code. Under the chief’s direction, the fire department is authorized to enforce all ordinances of the jurisdiction pertaining to: (7-1-21)T

- a. The prevention of fires; (7-1-21)T
- b. The suppression or extinguishment of dangerous or hazardous fires; (7-1-21)T
- c. The storage, use and handling of hazardous materials; (7-1-21)T
- d. The installation and maintenance of automatic, manual and other private fire alarm systems and fire- extinguishing equipment; (7-1-21)T
- e. The maintenance and regulation of fire escapes; (7-1-21)T
- f. The maintenance of fire protection and the elimination of fire hazards on land and in buildings, and other property, including those under construction; (7-1-21)T
- g. The maintenance of means of egress; and (7-1-21)T
- h. The investigation of the cause, origin and circumstances of fire and unauthorized releases of hazardous materials, for authority related to control and investigation of emergency scenes, see Section 104.11. (7-1-21)T

013. -- 015. (RESERVED)

016. PERMIT REQUISITE, SECTION 105.1.1, INTERNATIONAL FIRE CODE.

Delete “the required permit” from the last sentence of Section 105.1.1 of the International Fire Code and add “a permit if needed by the authority having jurisdiction.” (7-1-21)T

017. VIOLATION PENALTIES, SECTION 110.4, INTERNATIONAL FIRE CODE.

In the first sentence of Section 110.4 of the International Fire Code, delete “[SPECIFY OFFENCE], punishable by a fine of not more than [AMOUNT] dollars, or by imprisonment not exceeding [NUMBER OF DAYS], or both such

fine and imprisonment” and add the word “misdemeanor”. (7-1-21)T

018. FAILURE TO COMPLY, SECTION 112.4, INTERNATIONAL FIRE CODE.
In Section 112.4, International Fire Code, delete this entire section. (7-1-21)T

019. SECTION 202, INTERNATIONAL FIRE CODE.

01. Fire Code Official. Add “or as appropriate the Idaho State Fire Marshal” to the end of the definition for FIRE CODE OFFICIAL in Section 202 of the International Fire Code. (7-1-21)T

02. Driveway. Add “DRIVEWAY. A vehicular ingress and egress route that serves no more than five (5) single family dwellings, not including accessory structures.” (7-1-21)T

03. Fire Station. Add “FIRE STATION, A building, or portion of a building that provides, at a minimum, all weather protection for fire apparatus. Temperatures inside the building used for this purpose need to be maintained at above thirty-two (32) degrees Fahrenheit.” (7-1-21)T

020. SKY LANTERNS, SECTION 308.1.6.3, INTERNATIONAL FIRE CODE.

01. Untethered Sky lanterns. To section 308.1.6.3 delete the sentence: “A person cannot release or cause to be released an untethered sky lantern.” (7-1-21)T

02. Sky lantern permit. To section 308.1.6.3 add the following: “A person cannot release or cause to be released a sky lantern, tethered or untethered without obtaining a permit, if required by the fire code or jurisdiction. When, in the opinion of the fire code official, the release of sky lanterns, tethered or untethered, constitutes a danger to persons or property, based on the current weather conditions, knowledge of topography, vegetation, or any other reasonable factor, is authorized to require additional safeguards prior to the release of sky lanterns. The fire code official may suspend, revoke, postpone, or prohibit the release of any sky lantern at any time.” (7-1-21)T

021. MOBILE FOOD PREPARATION VEHICLES, SECTION 319, INTERNATIONAL FIRE CODE.

01. Permit Required. To Section 319.2, International Fire Code, add permissive language: “IF REQUIRED BY A LOCAL JURISDICTION, permits may be required as set forth in Section 105.6.” (7-1-21)T

02. Fuel Gas Systems. To Section 319.10.3, International Fire Code, add permissive language: “IF REQUIRED BY THE LOCAL JURISDICTION, LP-gas containers installed on the vehicle and fuel-gas piping systems may be inspected annually by an approved inspection agency or a company that is registered with the U.S. Department of Transportation to requalify LP-gas cylinders, ... Upon satisfactory inspection, the approved inspection agency shall affix a tag on the fuel gas system or within the vehicle indicating the name of the inspection agency and the date of satisfactory inspection, OR PROVIDE DOCUMENTATION OF INSPECTION UPON REQUEST OF THE LOCAL JURISDICTION.” (7-1-21)T

022. CHAPTER 5 FIRE SERVICE FEATURES.
Make the following changes within Chapter 5 of the International Fire Code; (7-1-21)T

01. Section 501. (7-1-21)T

a. To section 501.3 after the phrase, Construction documents for proposed, add the word “driveways.” (7-1-21)T

b. To section 501.4 after the phrase, When fire apparatus access roads, add the word “driveways.” (7-1-21)T

02. Section 502. (7-1-21)T

a. To section 502, add the following word “DRIVEWAY.” (7-1-21)T

- b.** To section 502, add the words “FIRE STATION.” (7-1-21)T
- 03. Section 503.** (7-1-21)T
- a.** To section 503 add the words, “AND DRIVEWAYS” to the section heading. (7-1-21)T
- b.** To section 503.1.1 add the following sentence, “Driveways need to be provided and maintained in accordance with Sections 503.1.1 through 503.1.3.” (7-1-21)T
- c.** To section 503.6 delete the sentence, “The installation of security gates across a fire apparatus access road shall be approved by the fire chief.” (7-1-21)T
- d.** Add the following section, “503.7 Driveways. Need be provided when any portion of an exterior wall of the first story of a building is located more than 150 feet (45720mm) from a fire apparatus access road. Driveways will provide a minimum unobstructed width of 12 feet (3658mm) and a minimum unobstructed height of 13 feet 6 inches (4115mm). Driveways in excess of 150 feet (45720mm) in length need to be provided with turnarounds. Driveways in excess of 200 feet (60960mm) in length and less than 20 feet (6096mm) in width may require turnouts in addition to turnarounds.” (7-1-21)T
- e.** Add the following section, “503.7.1 Limits. A driveway cannot serve in excess of five single family dwellings.” (7-1-21)T
- f.** Add the following section, “503.7.2 Turnarounds. Driveway turnarounds need to have an inside turning radius of not less than 30 feet (9144mm) and an outside turning radius of not less than 45 feet (13716mm). Driveways that connect with an access road or roads at more than one point may be considered as having a turnaround if all changes of direction meet the radius requirements for driveway turnarounds.” (7-1-21)T
- g.** Add the following section, “503.7.3 Turnouts. Where line of sight along a driveway is obstructed by a man-made or natural feature, turnouts need to be located as may be needed by the fire code official to provide for safe passage of vehicles. Driveway turnouts will be of an all-weather road surface at least 10 feet (3048mm) wide and 30 feet (9144mm) long.” (7-1-21)T
- h.** Add the following section, “503.7.4 Bridge Load Limits. Vehicle load limits will be posted at both entrances to bridges on driveways and private roads. Design loads for bridges will be established by the fire code official.” (7-1-21)T
- i.** Add the following section, “503.7.5 Address markers. All buildings need to have a permanently posted address, which will be placed at each driveway entrance and be visible from both directions of travel along the road. In all cases, the address needs to be posted at the beginning of construction and maintained thereafter. The address need be visible and legible from the road on which the road on which the address is located. Address signs along one-way roads will be visible from both the intended direction of travel and the opposite direction. Where multiple address’s are required at a single driveway, they need to be mounted on a single post, and additional signs will be posted at locations where driveways divide.” (7-1-21)T
- j.** Add the following section, “503.7.6 Grade. The gradient for driveways cannot exceed 10 percent unless approved by the fire code official.” (7-1-21)T
- k.** Add the following section, “503.7.7 Security Gates. Where security gates are installed, they need to have an approved means of emergency operation. The security gates and emergency operation will be maintained operational at all times.” (7-1-21)T
- l.** Add the following section, “503.7.8 Surface. Driveways need to be designed and maintained to support the imposed loads of local responding fire apparatus and will be surfaced as to provide all weather driving capabilities.” (7-1-21)T
- 04. Section 507.** To section 507.2 Type of water supply, delete the existing language and add the

following, “A water supply will consist of water delivered by fire apparatus, reservoirs, pressure tanks, elevated tanks, water mains or other sources approved by the fire code official capable of providing the needed fire flow. Exception. The water supply prescribed by this code needs to apply to structures served by a municipal fire department or a fire protection district and within ten miles (16093m) of a responding fire station.” (7-1-21)T

023. -- 026. (RESERVED)

027. ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS, SECTION 904.1.1, INTERNATIONAL FIRE CODE.

Add the following language to the beginning of section 904.1.1 of the International Fire Code, “If prescribed by the authority having jurisdiction,”. (7-1-21)T

028. PORTABLE FIRE EXTINGUISHERS, SECTION 906.2.1, INTERNATIONAL FIRE CODE.

Add the following language to the beginning of section 906.2.1 of the International Fire Code, “If prescribed by the authority having jurisdiction,”. (7-1-21)T

029. FIRE ALARM AND DETECTION SYSTEMS, SECTION 907.1, INTERNATIONAL FIRE CODE.

Notification Devices. When fire alarm systems not needed by the International Fire Code are installed, the notification devices need to meet the minimum design and installation requirements for systems that are prescribed by this code. Intent: (Non-prescribed fire alarm systems will provide the same level of occupant notification that prescribed systems provide). (7-1-21)T

030. CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS, SECTION 1101.1, INTERNATIONAL FIRE CODE.

Add the following language to the end of section 1101.1 of the International Fire Code, “only, if in the opinion of the fire code official, they constitute a distinct hazard to life or property.” (7-1-21)T

031. EXPLOSIVES AND FIREWORKS, CHAPTER 56, INTERNATIONAL FIRE CODE.

Delete Sections 5601.1.3, 5601.2.2, 5601.2.3, 5601.2.4.1, 5601.2.4.2, and sections 5608.2, 5608.2.1, and 5608.3 of the International Fire Code. (7-1-21)T

032. -- 045. (RESERVED)

046. UNDERGROUND TANKS OUT OF SERVICE FOR ONE YEAR, SECTION 5704.2.13.1.3 INTERNATIONAL FIRE CODE.

Add to Section 5704.2.13.1.3, International Fire Code, the following paragraph: Upon approval of the Chief underground tanks that comply with the performance standards for new or upgraded underground tanks set forth in Title 40 Section 280.20 or 280.21 of the Code of Federal Regulations may remain out of service indefinitely so long as they remain in compliance with the operation, maintenance and release detection requirements of the federal rule. (7-1-21)T

047. -- 055. (RESERVED)

056. REFERENCES TO APPENDIX, INTERNATIONAL FIRE CODE.

The following appendixes of the International Fire Code are hereby adopted: (7-1-21)T

01. Appendix B, Fire Flow Requirements for Buildings. (7-1-21)T

02. Appendix C, Fire Hydrant Location and Distribution. (7-1-21)T

03. Appendix D, Fire Apparatus Access Roads. (7-1-21)T

a. To section D101.1 Scope, add the following sentence, “Driveways as described in section 503.7 through 503.7.8 are not subject to the requirements of this appendix.” (7-1-21)T

b. To section D102.1, after the phrase, by way of an approved fire apparatus access road, add the following “designed and maintained to support the imposed loads of the responding fire apparatus and will be

surfaced so as to provide all-weather driving capabilities.” And delete the remainder of the section. (7-1-21)T

c. To section D103.2 Grade. Add the following. “The gradient of the fire apparatus access road needs to be within the limits established by the fire code official based on the capabilities of the responding fire departments apparatus.” Delete the remainder of the section and the exception. (7-1-21)T

04. Appendix E, Hazard Categories. (7-1-21)T

05. Appendix F, Hazard Rankings. (7-1-21)T

057. -- 999. (RESERVED)

Subject Index

- A**
Alternative Automatic Fire-
Extinguishing Systems, Section
904.1.1, International Fire Code 6
- C**
Chapter 5 Fire Service Features 4
Section 501 4
Section 502 4
Section 503 5
Construction & Design Provisions,
Section 102.1, International Fire
Code 3
Construction Requirements For Existing
Buildings, Section 1101.1,
International Fire Code 6
- D**
Department Of Fire Prevention, Section
103.2 -- Appointments, International
Fire Code 3
- E**
Explosives & Fireworks, Chapter 56,
International Fire Code 6
- F**
Failure To Comply, Section 111.4,
International Fire Code 4
Fire Alarm & Detection Systems,
Section 907.1, International Fire
Code 6
- G**
General Authority & Responsibilities,
Section 104.1, International Fire
Code 3
Fire Chief's Authority 3
- L**
Legal Authority 3
- M**
Mobile Food Preparation Vehicles,
Section 319, International Fire
Code 4
Fuel Gas Systems 4
Permit Required 4
- N**
Notification Devices 6
- P**
Permit Requisite, Section 105.1.1,
International Fire Code 3
Portable Fire Extinguishers, Section
906.2.1, International Fire Code 6
- R**
References To Appendix, International
Fire Code 6
- S**
Section 202, International Fire Code 4
Driveway 4
Fire Code Official 4
Fire Station 4
Sky Lanterns, Section 308.1.6.3,
International Fire Code 4
Sky lantern permit 4
Untethered Sky lanterns 4
- T**
Title & Scope 3
- U**
Underground Tanks Out Of Service For
One Year, Section 5704.2.13.1.3
International Fire Code 6
- V**
Violation Penalties, Section 109.4,
International Fire Code 3