

**2006 International Fire Code Amendments
Summit County, Colorado**

RESOLUTION 2007-05

A RESOLUTION REPEALING THE CURRENT FIRE CODE AND ADOPTING AND AMENDING THE 2006 INTERNATIONAL FIRE CODE, PRESCRIBING REGULATIONS GOVERNING CONDITIONS HAZARDOUS TO LIFE AND PROPERTY FROM FIRE, HAZARDOUS MATERIALS OR EXPLOSION.

The Board of Directors has previously adopted the 2000 International Fire Code; The Board of Directors shall repeal the 2000 International Fire Code; The Board of Directors finds that the adoption of the current edition of the 2006 International Fire Code as amended herein, is necessary for the preservation of public property, health, welfare, peace and safety;

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE LAKE DILLON FIRE PROTECTION DISTRICT, SUMMIT COUNTY, COLORADO, THAT:

Section 1 ADOPTION of the 2006 INTERNATIONAL FIRE CODE

There is hereby adopted by the Lake Dillon Fire Protection District for the purpose of prescribing regulations governing conditions hazardous to life and property from fire, hazardous materials and explosion, that certain Code known as the International Fire Code including Appendix Chapters B, C, D, E, F, G published by the International Code Council, being particularly the 2006 Edition thereof and the whole thereof, save and except such portions as are hereafter deleted, modified or amended by Section 4 of this resolution.

Section 2 ESTABLISHMENT AND DUTIES OF THE BUREAU OF FIRE PREVENTION

- 2.1 The International Fire Code as adopted and amended herein shall be enforced by the bureau of fire prevention in the Lake Dillon Fire Protection District which is hereby established and which shall be operated under the supervision of the Chief of the District.
- 2.2 The officer in charge of the bureau of fire prevention shall be appointed by the Chief of the Fire District on the basis of examination to determine his or her qualifications.
- 2.3 The Chief of the Fire District may detail such members of the Fire District as inspectors as shall be necessary.

Section 3 DEFINITIONS

- 3.1 Whenever the words "Fire Department" or "Fire District" are used in this resolution, it shall be held to mean the Lake Dillon Fire Protection District.
- 3.2 Whenever the word "jurisdiction" is used in the International Fire Code, it shall be held to mean the Lake Dillon Fire Protection District.

Section 4 AMENDMENTS

- 1) 102.4 Amend the section to read Application of Building Code. The design and construction of new structures shall comply with the *International Building Code* and the *International Fire*

Code, and any alterations, additions, changes in use or changes in structures required by this code, which are within the scope of the *International Building Code*, shall be made in accordance therewith.

- 2) 102.6 Amend the first sentence to read **Referenced codes and standards**. The codes and standards referenced in this code shall be the most currently published edition of those that are listed in Chapter 45 and such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference.
- 3) 102.10 Add the following section **Life Safety and Fire Protection Systems**. Any fire suppression or life safety system required by this code in additions, alterations, or tenant finishes shall be extended into the existing building or structure and throughout any area not separated by a fire wall meeting the requirements of Section 705 of the *International Building Code*. If the water supply to the structure is not sufficient to provide for an approved fire suppression system throughout, in areas not affected by the addition, alteration, or repair, the fire code official is hereby authorized to review and approve alternative materials and methods. An evaluation will be made to determine the need for additional life safety and fire protection systems.
- 4) 105.1.1 Amend the section to read **Permits required**. Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or erect, install, enlarge, alter, repair, remove, convert or replace any electrical, gas, mechanical, plumbing system, or fire and life safety systems, the installation of which is regulated by the *International Building Code* or the *International Fire Code*, shall make application to the fire code official and obtain the required permits. Permits required by this code shall be obtained from the fire code official. Permit fees, if any, shall be paid prior to issuance of the permit. Issued permits shall be kept on the premises designated therein at all times and shall be readily available for inspection by the fire code official.
- 5) 105.1.2 Amend the second condition to read **Types of permits**. 2. Construction permits. A construction permit allows the applicant to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, the likes of which are regulated by this code. A construction permit also allows the applicant to install or modify systems and equipment for which a permit is required by Section 105.7.
- 6) 108.1.1 Add the following section **Procedures**. To request a hearing before the board of appeals, the applicant shall file a request in writing to the Chief. The Chief shall arrange for the board of appeals to meet within 10 working days from the receipt of the request. All applicable fees as stated in the Fire District fee schedule shall be paid at the time the written request is made.
- 7) 108.3 Amend the section to read **Qualifications**. The Board of appeals shall consist of members who are qualified by experience and training to pass on matters pertaining to hazards of fire, explosions, hazardous conditions, or fire protection systems ~~and are not employees of the jurisdiction.~~
- 8) 109.3 Amend the section to read **Violation penalties**. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under the provisions of this code, shall be guilty of a misdemeanor, punishable by a fine of ~~not more than [AMOUNT] dollars or by imprisonment not exceeding [NUMBER OF DAYS],~~ or both such fine and imprisonment as

determined by the court. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

- 9) 111.4 Amend the section to read Failure to comply. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine ~~of not less than [AMOUNT] dollars or more than [AMOUNT] dollars~~ as determined by the court and shall be subject to a fee per the most current Fire District resolution.
- 10) 304.1.2 Amend the section to read Vegetation. Weeds, grass, vines or other growth that is capable of being ignited and endangering property, shall be cut down and removed by the owner or occupant of the premises. Vegetation clearance requirements in urban-wildland interface areas shall be in accordance with ~~the International Wildland-Urban Interface Code~~ local codes, policies, and ordinances.
- 11) 304.3.3 Add Exception #3 to read 3. Storage in a structure shall not be prohibited where the structure is in compliance with local codes, policies, and ordinances as mandated by the authority having jurisdiction.
- 12) 308.3.1.1 Amend the section to read Liquefied-petroleum-gas-fueled cooking devices. LP-gas burners having an LP-gas container with a water capacity greater than ~~2-5~~ 48 pounds [nominal + 20 pound (0.454 9.1 kg) LP-gas capacity] shall not be located on combustible balconies or within 10 feet (3048 mm) of combustible construction.

Exception: 1. One- and two-family dwellings. 2. Where a more restrictive code, policy, ordinance, or covenant exists.
- 13) 315.2 Amend the section to read Storage in buildings. Storage of combustible materials in buildings shall be orderly. Storage shall be separated from heaters or heating devices by distance or shielding so that ignition cannot occur. Storage room doors shall be provided with approved signs.
- 14) 315.2.3 Amend the section to read Equipment rooms. Combustible material shall not be stored in boiler rooms, mechanical rooms, electrical equipment rooms, and other rooms where a potential ignition source exists, as determined by the fire code official.
- 15) 503.2.1 Amend the section to read Dimensions. ~~Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6096 mm), except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm).~~ Where town or county standards exist, fire apparatus roads shall meet those standards. Where a town or county standard does not apply, the minimum unobstructed width of a fire apparatus access road shall not be less than 24 feet (7315 mm) or as specified in Appendix D of the 2006 International Fire Code. Fire apparatus access roads shall have an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm) or as approved by the fire code official.
- 16) 505.1 Amend the section to read Address numbers. New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of ~~4 inches (102 mm)~~ 5 inches (127 mm) high with a minimum stroke width of .5 inch (12.7 mm). All street addresses shall be within 25'

(7620 mm) of the street in an approved location if the structure or residence is more than 150' (45,720 mm) from a road.

- 17) 509.1 Amend the first sentence to read **Features**. ~~Where required by other sections of this code and in all buildings classified as high rise buildings by the *International Building Code*, a fire command center for fire department operations shall be provided;~~ A Fire Command Center shall be required in buildings, structures, or facilities that are more than 4 stories (including basements) in height or are greater than 50,000 square feet (4645 m²) within surrounding exterior walls. (Editors note: The remainder of this section is unchanged.)
- 18) 511 Add a new section **Public Safety Radio Amplification Systems**
- 19) 511.1 Add the following section **General**. Public safety radio amplification systems for the enhancement of emergency services communications within buildings shall be designed, installed and maintained in accordance with this section. For the purposes of this section, fire walls shall not be used to define separate buildings.
- 20) 511.2 Add the following section **Where required**. Where adequate radio coverage cannot be demonstrated within a building, as defined by the fire code official, public safety radio amplification systems shall be installed in the following locations:
1. New buildings with a total building area exceeding 50,000 square feet or building additions that cause a building to be greater than 50,000 square feet.
 2. All new basements exceeding 10,000 square feet where the design occupant load is greater than 50, regardless of the occupancy classification.
 3. Where adequate radio coverage cannot be demonstrated within an existing buildings with a total building area exceeding 50,000 square feet meeting the criteria of Item #1 or 2 of this section undergoing alterations exceeding 50% of the aggregate area of the building.
 4. Where adequate radio coverage cannot be demonstrated within an existing basements exceeding 10,000 square feet where the design occupant load is greater than 50, regardless of occupancy classification, undergoing alterations exceeding 50% of the aggregate area of the building.

Exceptions: One- and two-family dwellings and townhouses.

- 21) 511.3 Add the following section **Design and installation standard**. Public safety radio amplification systems shall be designed and installed in accordance with the criteria established by the fire code official based on the capabilities and communication features of emergency services.
- 22) 511.4 Add the following section **Maintenance**. Public safety radio amplification systems shall be maintained in an operative condition at all times and shall be replaced or repaired where defective.
- 23) 601.3 Add a section to read **Utility Meters and Piping**. Utility meters and piping shall be protected from vehicular impact. Guard posts shall comply with Section 312.2. Utility meters and piping shall be protected from snow & ice shedding from a roof area. Snow & ice build-up around utility meters shall be kept clear at all times.
- 24) 603.6.6 Add a section to read **Chimneys & Heating Appliances**. Chimneys and fireboxes for solid, fuel burning appliances shall be inspected annually by a qualified person or company.

They shall be inspected for soundness, corrosion, proper support, and freedom from combustible deposits. A certificate of inspection in a form acceptable to the Fire District shall be forwarded to the Fire District upon completion.

- 25) 607.4 Add a section to read **Communication**. All elevators shall be equipped with two-way communication equipment and the equipment shall be operable at all times.
- 26) 901.4.2 Amend the section to read **Non-required fire protection systems**. Any fire protection system or portion thereof not required by this code or the *International Building Code* shall be ~~allowed to be furnished for partial or~~ installed throughout a building for complete protection provided such installed system meets the requirements of this code and the *International Building Code*.
- 27) 901.7 Amend the section to read **Systems out of service**. Where a required fire protection system is out of service, the Fire Department ~~and the fire code official~~ shall be notified immediately and where required by the Fire ~~code official~~-Department, the building shall either be evacuated or an approved fire watch shall be provided for all occupants left unprotected by the shut down until the fire protection system has been returned to service.
- 28) 902.1 Amend the following definition **Definitions. FIRE AREA**. For buildings constructed under the *International Building Code*, the fire area is the aggregate floor area enclosed and bounded by fire walls meeting the requirements of Section 705 of the *International Building Code* and ~~fire barriers, exterior walls or fire-resistance-rated horizontal assemblies of~~ a building. For buildings constructed under the *International Residential Code*, the fire area is the aggregate floor area enclosed and bounded by approved fire rated wall assemblies and exterior walls of a building.
- 29) 903.2.1.1 Amend the first two conditions to read **Group A-1**. 1. The fire area exceeds ~~12,000~~ 6,000 square feet (~~1,115~~ 557 m²); 2. The fire area has an occupant load of ~~300~~ 50 or more;
- 30) 903.2.1.2 Amend the second condition to read **Group A-2**. 2. The occupancy has an occupant load of ~~100~~ 50 or more;
- 31) 903.2.1.3 Amend the first two conditions to read and delete the **Exception Group A-3**. 1. The fire area exceeds ~~12,000~~ 6,000 square feet (~~1,115~~ 557 m²); 2. The occupancy has an occupant load of ~~300~~ 50 or more. ~~**Exception:** Areas used exclusively as participants sports areas where the main floor area is located at the same level as the level of exit discharge of the main entrance and exit.~~
- 32) 903.2.1.4 Amend the first two conditions to read and delete the **Exception Group A-4**. 1. The fire area exceeds ~~12,000~~ 6,000 square feet (~~1,115~~ 557 m²); 2. The fire area has an occupant load of ~~300~~ 50 or more. ~~**Exception:** Areas used exclusively as participants sports areas where the main floor area is located at the same level as the level of exit discharge of the main entrance and exit.~~
- 33) 903.2.2 Amend the first two conditions to read **Group E**. 1. Throughout all Group E fire areas greater than ~~20,000~~ 6,000 square feet (~~1,858~~ 557 m²) in area; 2. Throughout every portion of educational buildings above and below the level of exit discharge.
- 34) 903.2.3 Amend this section to read **Group F-1**. An automatic sprinkler system shall be provided throughout all buildings containing a Group F-1 occupancy where one of the following conditions exist: 1. Where a Group F-1 fire area exceeds ~~12,000~~ 6,000 square feet (~~1,115~~ 557 m²); 2. Where a Group F-1 fire area is located more than ~~three~~ two stories above

grade plane; 3. Where the combined area of all Group F-1 fire areas on all floors, including mezzanines and basements exceeds 24,000 6,000 square feet (2230 557 m²).

- 35) 903.2.5 Amend the exception to read Group I Exception: An automatic sprinkler system installed in accordance with Section 903.3.1.2 or ~~903.3.1.3~~ shall be allowed in Group I-1 facilities.
- 36) 903.2.6 Amend all the conditions to read Group M. 1. Where a Group M fire area exceeds ~~12,000~~ 6,000 square feet (~~1115~~ 557 m²); 2. Where a Group M fire area is located more than ~~three~~ two stories above grade plane; or 3. Where the combined area of all Group M fire areas on all floors, including all mezzanines and basements exceeds ~~24,000~~ 6,000 square feet (2230 557 m²).
- 37) 903.2.8 Amend all the conditions to read Group S-1. 1. A Group S-1 fire area exceeds ~~12,000~~ 6,000 sq. ft. (~~1115~~ 557 m²); 2. A Group S-1 fire area is located more than ~~three~~ two stories above grade plane; or 3. The combined area of all Group S-1 fire areas on all floors including mezzanines and basements, exceeds ~~24,000~~ 6,000 square feet (2230 557 m²).
- 38) 903.2.8.1 Amend the first two conditions to read Repair garages 1. Buildings two or more stories in height, including basements with a fire area containing a repair garage exceeding ~~10,000~~ 6,000 square feet (~~929~~ 557 m²); 2. One-story buildings with a fire area containing a repair garage exceeding ~~12,000~~ 6,000 square feet (~~1115~~ 557 m²).
- 39) 903.2.8.2 Amend the section to read Bulk storage of tires. Buildings and structures where the area for the storage of tires exceeds ~~20,000~~ 10,000 cubic feet (566 283 m³) shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.
- 40) 903.2.9 Delete the Exception Group S-2 Exception: ~~Enclosed parking garages located beneath Group R-3 occupancies.~~
- 41) 903.2.14 Add a new section to read Group B and Mixed Occupancies. An automatic sprinkler system shall be provided throughout all buildings containing Group B or mixed occupancies where one of the following conditions exists: 1. The fire area exceeds 6,000 sq. ft. (557 m²). 2. Where a Group B or mixed occupancy is more than two stories in height, or where the combined fire area on all floors including mezzanines and basements is greater than 6,000 sq. ft. (557 m²).
- 42) 903.2.15 Add a new section to read Buildings Constructed under the International Residential Code. An automatic sprinkler system installed in accordance with Section 903.3.1.3 shall be provided throughout all detached one and two-family dwellings and multiple single family dwellings (townhouses), complying with the requirements of the International Residential Code, whose total aggregate fire area exceeds 6,000 square feet (557 m²).
- Exception:** Unless otherwise required by more restrictive local codes, policies, amendments, ordinances, or plat notes.
- 43) 903.2.16 Add a new section to read Additions and alterations to existing buildings. Any building, with a fire area exceeding 6,000 square feet (557 m²), undergoing additions, alterations or remodel work shall be evaluated under the Fire Code, for the need for additional fire protection systems. Portions of buildings separated by approved fire walls as outlined in Chapter 7, Section 705 of the 2006 edition of the International Building Code may be considered as separate buildings.
- 44) 903.2.16.1 Add a new section to read Existing buildings with a fire area not exceeding 6,000 sq. ft. (557 m²). An automatic sprinkler system shall be provided throughout a building

undergoing an addition and/or alteration work whose new aggregate fire area of the building exceeds 6,000 square feet (557 m²).

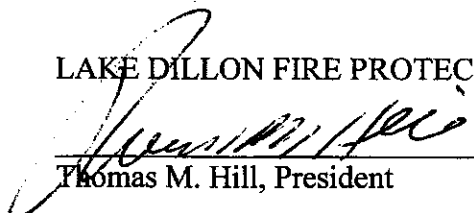
- 45) 903.2.16.2 Add a new section to read Existing buildings with a fire area exceeding 6,000 sq. ft. (557 m²). An automatic sprinkler system shall be provided throughout a building undergoing addition work that increases the fire area of the existing building.
- 46) 903.2.16.3 Add a new section to read Alterations to existing buildings with a fire area exceeding 6,000 sq. ft. (557 m²). An automatic sprinkler system shall be provided throughout a building when the area undergoing alterations equal or exceeds 50% of the aggregate fire area of the building. **Exception:** Alterations limited to the removal and replacement or the covering of existing materials, elements, equipment, or fixtures using the same materials, elements, equipment or fixtures that serve the same purpose.
- 47) 903.4 Delete Exceptions #2, #3, & #5 Sprinkler system monitoring and alarm. Exceptions: ~~2. Limited area systems serving fewer than 20 sprinklers. 3. Automatic sprinkler systems installed in accordance with NFPA 13R where a common supply main is used to supply both domestic water and the automatic sprinkler system, and a separate shutoff valve for the automatic sprinkler system is not provided. 5. Control valves to commercial kitchen hoods, paint spray booths or dip tanks that are sealed or locked in the open position.~~
- 48) 905.3.1 Amend the section to read Building Height. Class III I standpipe systems shall be installed throughout buildings where the floor level of the highest story is more than 30 20 feet (9144 6035 mm) above the lowest level of fire department vehicle access, or where the floor level of the lowest story is located more than 30 20 feet (9144 6035 mm) below the highest level of fire department access. (Editors note: Exceptions to remain unchanged.)
- 49) 905.3.1.1 Add a new section to read Building Area. In buildings exceeding 10,000 sq. ft. (929 m²) within surrounding exterior walls, an approved Class I standpipe system shall be provided where any portion of the building's interior is more than 150 feet (46 m) of travel, vertically and/or horizontally, from the nearest point of fire department vehicle access.
- 50) 1008.1.8.3 Amend the first sentence of Item # 2.2 to read: 2.2. A readily visible, durable sign is posted on the egress side on or adjacent to the door stating: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED DURING BUSINESS HOURS.
- 51) ****D103.5** Add a sentence to condition #7 to read 7. Locking device specifications shall be submitted for approval by the fire code official. In lieu of a lock on gates, the fire code official may require an automatic opening feature where the gate services a single commercial structure or multiple structures.

Effective Date: 11/20, 2007

INTRODUCED, READ AND REVIEWED BY THE BOARD OF DIRECTORS AT THE PUBLIC HEARING HELD ON THIS 20th DAY OF November 2007, BY THE BOARD OF DIRECTORS OF THE LAKE DILLON FIRE PROTECTION DISTRICT.

LAKE DILLON FIRE PROTECTION DISTRICT

ATTEST:


Thomas M. Hill, President


Linda Boucher, Recording Secretary