

**RESOLUTION  
BOARD OF DIRECTORS OF THE  
ARVADA FIRE PROTECTION DISTRICT**

A RESOLUTION ADOPTING THE 2009 EDITION OF THE INTERNATIONAL FIRE CODE WITH LOCAL AMENDMENTS, WITHIN THE PORTIONS OF THE DISTRICT LOCATED IN UNINCORPORATED JEFFERSON COUNTY.

**WHEREAS**, the Arvada Fire Protection District (“District”) is a political subdivision of the State of Colorado, organized pursuant to C.R.S. 32-1-101, *et seq.* (“Special District Act”) to provide fire suppression, fire prevention, rescue, hazardous materials, ambulance and emergency medical services, directly or through third-party providers;

**WHEREAS**, a portion of the area within the District’s jurisdiction lies within unincorporated Jefferson County, Colorado;

**WHEREAS**, the Special District Act authorizes the District’s Board of Directors (“Board”) to adopt and enforce a fire code within the District’s jurisdiction; provided, however, that a fire code adopted by the District Board can only be enforced within unincorporated Jefferson County if it is first approved by the Jefferson County Board of Commissioners (“County Commissioners”);

**WHEREAS**, the District Board desires to adopt the 2009 edition of the International Fire Code, with the amendments specifically identified in the Local Amendments to the 2009 International Fire Code attached to this Resolution as Appendix A (collectively the “2009 IFC With Local Amendments”) and incorporated in its entirety herein by this reference; and,

**WHEREAS**, in accordance with the Special District Act, the District Board intends to submit the 2009 IFC with Local Amendments to the County Commissioners for approval. The District Board further intends that the 2009 IFC with Local Amendments shall not apply within unincorporated Jefferson County until the County Commissioners adopt an ordinance stating the 2009 IFC with Local Amendments applies within the portion of the County that also lies with the District’s jurisdiction.

**NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ARVADA FIRE PROTECTION DISTRICT:**

1. The 2009 Edition of the International Fire Code, including Appendices B,D,F,I and J thereto, published by the International Code Council, with the amendments specifically identified in the Local Amendments to the 2009 International Fire Code attached to this Resolution as Appendix A, is hereby adopted as the District’s Fire Code for all portions of the District’s jurisdiction located

within unincorporated Jefferson County, subject to the following conditions:

a. The District's Fire Marshal shall promptly submit the 2009 IFC With Local Amendments to the County Commissioners for approval; and,

b. The 2009 IFC With Local Amendments shall not apply until the County Commissioners adopt an ordinance stating the 2009 IFC with Local Amendments applies within the portions of the District's jurisdiction lying with unincorporated Jefferson County (the "Effective Date").

2. On and after the Effective Date, the 2009 IFC with Local Amendments shall be administered and enforced by the District's Fire Chief, and his/her authorized representative(s), as required and provided for in the Special District Act, and any other applicable Federal, State or local laws, rules, and ordinances, or common law.

3. For the purpose of enforcing the 2009 IFC With Local Amendments on and after the Effective Date, the District's Fire Marshal is an authorized representative of the Fire Chief. This paragraph 3, shall not limit the designation of additional authorized representatives if the Fire Chief deems it necessary for the effective enforcement of the 2009 IFC with Local Amendments.

4. Nothing contained in this Resolution shall be construed as modifying or limiting in any manner the powers, duties and responsibilities of the District, and the District's Fire Chief or his/her authorized representative(s), set for in the Special District Act, or as otherwise provided by statutory or common law.

5. The Fire Code currently in force in the District's jurisdiction and previously adopted by the County Commissioners shall remain in full force and effect until the Effective Date of the 2009 IFC with Local Amendments.

6. The IFC 2009 With Local Amendments shall be interpreted in conformance with all Federal, State and local laws and ordinances, including but not limited to the Special District Act.

7. If any provision of this Resolution or attached Appendix A is for any reason held to be invalid, that invalidity shall not affect the validity of the remaining provisions of this Resolution and the attached Appendix A. The District Board expressly declares it would have adopted this Resolution and the attached Appendix A even if a provision contained in either this Resolution or the attached Appendix A is declared invalid.

APPROVED AND ADOPTED this \_\_\_\_\_ day of November, 2009.

BOARD OF DIRECTORS  
ARVADA FIRE PROTECTION DISTRICT

---

James H. Snyder, President

---

Douglas J. Schneider, Vice President

---

Debra S. Luft, Treasurer

---

Gary Mike Kerr, Secretary

---

Ted Terranova, Assistant Secretary

**APPENDIX A**  
**LOCAL AMENDMENTS TO THE 2009 INTERNATIONAL FIRE CODE**

**1. Local Amendments.** The 2009 Edition of the International Fire Code and its Appendices are amended as follows:

**CHAPTER 1, ADMINISTRATION**

**A. Section 101.2.1, Appendices, is amended to read:**

“**101.2.1 Appendices.** By this reference Appendices B, D, E, F, G, H, I and J are adopted and incorporated into this code for all purposes. Appendices A and C are excluded from adoption.”

**B. Section 103.1, General, is amended to read:**

“**103.1 General.** This code shall be enforced by the Division of Fire Prevention of the Arvada Fire Protection District, which is operated under the direction of the Fire Code Official. The function of the Division of Fire Prevention and staff shall be the implementation, administration and enforcement of the provisions of this code.”

**C. Section 103.2, Appointment, is amended to read:**

“**103.2 Appointment.** The Fire Code Official in charge of the Division of Fire Prevention shall be hired by, and serve under the direction and supervision of, the Fire Chief of the Arvada Fire Protection District.”

**D. Section 105.2.2, Inspection Authorized, is amended by adding the following sentence to the end of the paragraph:**

“Twenty-four hours notice shall be provided to the division of fire prevention for required inspections and tests.”

**E. Section 105.6, Required Operational Permits, is deleted except for the following subsections, which shall remain in force as written:**

“Section 105.6.42 Storage of Scrap Tires and Tire By-Products; Section 105.6.43, Temporary Membrane Structures, Tents and Canopies; and, Section 105.6.44 Tire Rebuilding Plants.”

**F. Section 111.1, Order, is amended to read:**

“**111.1 Order.** Whenever the fire code official finds any work regulated by this Code being

performed in a manner contrary to the provisions of this code or in a dangerous or unsafe manner, the fire code official, with the concurrence of the building official, is authorized to issue a stop work order.”

## **CHAPTER 2, DEFINITIONS**

### **A. Section 202 is amended to add the following definitions:**

- 1. FIRE CODE OFFICIAL.** The Fire Marshal of the Arvada Fire Protection District, hired by and working under the supervision of, the Fire Chief of the Arvada Fire Protection District.
- 2. GOVERNING BODY.** The Board of Directors of the Arvada Fire Protection District.
- 3. JURISDICTION.** The Arvada Fire Protection District with respect to that portion of unincorporated Jefferson County lying within the boundaries of the Arvada Fire Protection District.

## **CHAPTER 3, GENERAL PRECAUTIONS AGAINST FIRE**

### **A. Exception 3 to Section 308.1.4., Open Flame Cooking Devices, is amended to read:**

- a. “Exception 3. L-P gas cooking devices having a L-P gas container with a water capacity not greater than twenty (20) lbs. (04453kg) L-P gas capacity.”

### **B. Section 315.2.5, Marking Maximum Permitted Storage Height, is added:**

- a. “**315.2.5 Marking maximum permitted storage.** When storage areas are constructed that do not meet the requirements for high piled combustible storage or sprinkler system design densities, a minimum of a four (4) inch (101.6mm) stripe on a contrasting background shall be placed at twelve (12) feet (3657.6mm) above the finished floor to designate the maximum permitted storage height, and clearly justified with the designation: 'No Storage Above This Line'.”

## **CHAPTER 4, EMERGENCY PLANNING AND PREPAREDNESS**

### **A. Section 403.3 is deleted in its entirety.**

## **CHAPTER 5, FIRE SERVICE FEATURES**

**A. Section 503.2.1, Dimensions, is amended to read:**

**“503.2.1 Dimensions.** Fire apparatus access roadways in other than residential streets shall have an obstructed width of not less than twenty-four (24) feet (7315.2mm) and an unobstructed vertical clearance of not less than thirteen (13) feet six (6) inches (4115mm). Private streets shall not be less than twenty-six (26) feet (7924.8mm) wide and shall have an unobstructed vertical clearance of not less than thirteen (13) feet six (6) inches (4115mm).

Exception: the width of private streets may be reduced from the required twenty-six (26) feet (7924.8mm) if a specific access and parking design is approved by the fire code official.”

**B. Section 503.2.3., Surface, is amended to read:**

**“503.2.3 Surface.** Fire apparatus access roads shall be designed and maintained to support the imposed loads of 85,000 lb. fire apparatus and shall be surfaced with the first lift of asphalt as to provide all-weather driving capabilities.

Exception: When concrete is to be installed for fire apparatus access roadways, compacted road base may be used in place of the first lift of asphalt for a maximum period of ninety (90) days. The fire apparatus access road base shall be designed to support the imposed loads of 85,000 lb. fire apparatus. The compacted road base fire apparatus access roadway shall be maintained to provide all-weather driving capabilities, and shall be immediately repaired as needed.

**C. The following new Section 503.2.5.1, Group R, Division 3 Occupancies, is added:**

**“503.2.5.1 Group R, Division 3 Occupancies.** Where a property is a Group R, Division 3 occupancy, the length of a dead end fire department access roadway may be increased to one-hundred seventy-five (175) feet (53340mm) without the provisions for the turning around of fire apparatus if approved by the fire code official.”

**D. The following new Section 503.2.9, Curbs, is added:**

**“503.2.9 Curbs.** Vertical curbs shall not be placed at the entrance of or within fire access lanes and roads. Mountable curbs may be used if approved by the fire code official.”

**E. The following new Section 503.2.10, Gated Communities, is added:**

**“503.2.10 Gated Communities.** Gated communities may be permitted if (1) the community meets the requirements stated in this section 503.2.10; and, (2) it is approved by the fire code official. The access roadways within a gated community shall be a minimum of twenty-eight (28) feet (8534.4mm) of unobstructed width. Unobstructed vertical clearance shall not be

less than thirteen (13) feet six (6) inches (4115mm). The access roadways shall be maintained as an all-weather surface and maintained as needed to provide all-weather driving capabilities and to meet the requirements of section 503 of the fire code. Two separate means of ingress/egress shall be provided into the site. Gates shall be staffed on a twenty-four (24) hour basis or shall be equipped with an automatic and manual system approved by the fire code official.”

Exception: Street widths may be reduced to twenty-six (26) feet (7924.8mm) of unobstructed width and fire hydrant spacing may be increased to four hundred (400) feet (121920mm) if each individual dwelling unit within the gated community meeting the requirements of a Group R-3 Occupancy, as defined by the International Residential Code, is provided with an NFPA 13-D Residential Sprinkler System approved by the fire code official.”

**F. Section 507.5.1., Required Water Supply, is amended to read:**

**“507.1 Required water supply.** The location, number, and type of fire hydrants connected to a water supply capable of delivering the minimum required fire flow shall be provided on the public street or on the site of the premises or both to be protected as required and approved by the fire code official. A fire hydrant shall be installed and maintained within one hundred fifty (150) feet (45,720mm) of a fire department connection serving a sprinkler or standpipe system. When installation of fire protection is required, including fire apparatus access roads and water supplies for fire protection, such protection shall be made serviceable before commencement of above grade construction.”

Exceptions:

1. When alternate means of fire protection, as approved by fire code official, are provided, the requirements of section 507.1 may be modified or waived.
2. For Group R-3 and Group U occupancies the distance requirement shall be five-hundred (500) feet (152400mm).
  - 2.1 When street widths are reduced in Group R-3 and Group U occupancies to less than thirty two (32) feet (9753.6mm) flow line to flow line, the distance requirements shall be three hundred (300) feet (91440mm).
  - 2.2 Except for Group R-3 and Group U occupancies and buildings equipped throughout with an approved automatic sprinkler system installed in accordance with section 903.1.1., the distance requirement shall be three-hundred (300) feet (91440mm).
3. For all buildings with the exception of Group R-3 and Group U occupancies and buildings that are equipped throughout with an approved automatic sprinkler systems in accordance with sections 903.1.1 or 903.3.1.2., the

distance requirement shall be three-hundred (300) feet (91440mm.)

## **CHAPTER 6, BUILDING SERVICES AND SYSTEMS**

### **A. “Section 603.9.1, Gas Meter Identification, is amended to read:**

“**Section 603.9.1 Gas meter identification.** Gas meters shall be identified with the building address and/or unit number.”

### **B. Section 605.3.1.2. Main Electrical Disconnects Labeling, is amended to read:**

“**Section 605.3.1.2. Main electrical disconnects labeling.** An electrical room(s) containing the main electric disconnect shall be identified with a permanently affixed sign with letters not less than one (1) inch (25mm) in height on a contrasting background to read 'MAIN ELECTRICAL DISCONNECT'.”

### **C. Section 605.3.1.3., Labeling Of Address Or Unit Disconnects, is amended to read:**

“**Section 605.3.1.3. Labeling of address or unit disconnects.** Electrical disconnects shall be identified with the address and/or unit number in accordance with the electrical code.”

## **CHAPTER 9, BUILDING SERVICES AND SYSTEMS.**

### **A. Section 903.1.2, Location Of Sprinkler Control Valves, is added:**

“**903.1.2. Location of sprinkler control valves.** When automatic sprinkler systems are provided within a building and the system serves more than one tenant space, the main control valves shall be placed within an approved room that has access provided from the building exterior. The door to said room shall be not less than three (3) feet (914.4mm) in width by six (6) feet (1828.8mm) eight (8) inches (203.2mm) in height. The door shall be appropriately labeled with a permanent sign with letters having a principal stroke of not less than one inch (25mm) in height on a contrasting background. The verbiage on the sign shall read, 'Fire Control Room'.”

### **B. Section 903.3.7.1, Hose Connection Locations, is amended to read:**

“**903.3.7.1 Hose connection locations.** The fire department hose connections for a sprinkler system shall be located within one hundred fifty (150) feet (45,720mm) of a fire hydrant. Hose connections shall be located a minimum height of three (3) feet (914.4mm) and a maximum height of four (4) feet (1219.2mm) above the finished grade.”

### **C. Section 903.4.2.1., Audible and Visual Signals, is amended to read:**

**“Audible and visual signals.** Audible and visual fire alarm signals shall be connected to every automatic sprinkler system. Such audible and visual signals shall be activated throughout the building upon water flow.”

**D. Section 904.11.7, Residential Type Cooking Equipment, is amended to read:**

**“904.11.7. Residential Type Cooking Equipment.** When residential type cooking equipment is installed within a Group B, E, F, S, and R-4 occupancy, and not used on a continuous basis for commercial operations, a residential fire extinguishing system may be used in lieu of a commercial type fire extinguishing system with the approval of the fire code official and building code official.”

**E. Section 905.1.1, Hose Connection Locations-Standpipe Systems, is amended to read:**

**“905.1.1. Hose connection locations-standpipe systems.** Fire department hose connections for a standpipe system shall be located within one-hundred-fifty (150) feet (45720mm) of a fire hydrant, and a minimum of three (3) feet (914.4mm) and a maximum of four (4) feet (1219.2mm) above finished grade. A minimum of a three-foot (914.4mm) clear space shall be provided around the circumference of a fire department connection.”

**F. Section 905.1.2, Main Control Valve, is amended to read:**

**“905.1.2. Main control valve.** When a standpipe system is provided within a building and it serves more than one tenant space, the main control valve shall be located within an approved room that has access provided from the building exterior with a door for fire department access. Said door shall not be less than three (3) feet (914.4mm) in a width by six (6) feet(1828.8mm) eight (8) inches (203.2mm) in height and shall be appropriately labeled with a permanent sign with letters having a principal stroke of not less than one (1)-inch (25mm) in height on a contrasting background that reads 'Fire Control Room'.”

**G. Section 907.1.2.1., Remote Indicating Devices, is added:**

**“907.1.2.1.Remote Indicating Devices.** Remote indicating devices shall be provided on single station 120 volt detectors within hotel/motels and multi-family dwelling units with access from interior corridors and where detection device activation is not readily visible to responding fire fighters.”

**H. Section 912.3.1, Locking Fire Department Connection Caps, is amended to read:**

**“Section 912.3.1. Locking fire department connection caps.** Locking fire department connection caps shall be installed on fire department connections on all new water-based fire protection systems. Existing fire department connections on water-based fire protection systems shall be required to install locking fire department connection caps, where the fire

department connection caps are missing or where the fire department connection is being subject to interior obstructions.”

## **CHAPTER 10, MEANS OF EGRESS**

### **A. Section 1008.1.9.4, Bolt Locks, is amended by deleting the following exceptions:**

Exceptions 3, 4, and 5.

### **B. The following new Section 1030.3.9., Signs, is added:**

“**Section 1030.3.9. Signs.** “Exit doors that could be obstructed or blocked from the outside shall be posted with permanent sign on the exterior side of the door stating, 'EXIT DOOR-DO NOT BLOCK'. The sign shall consist of letters having a principal stroke of not less than three-fourths (3/4) inch (19.05mm) wide and at least six (6) inches (152.4mm) high on a contrasting background.”

## **CHAPTER 47, REFERENCED STANDARDS**

### **A. Chapter 47, Referenced Standards, is amended by adding the following referenced standard to the International Code Council (ICC) section:**

“Insurance Service Office  
545 Washington Boulevard.  
Jersey City, NJ 07310-1686  
Insurance Service Office Guide for Determining Fire Flow, Fire Suppression Rating  
Schedule 2003.”

### **B. Chapter 47, Referenced Standards, is amended by deleting the following referenced Standard from the National Fire Protection Association (NFPA) section:**

“Standard 101: Life Safety Code.”

### **C. Chapter 47, Referenced Standards, is amended by addition of the following referenced Standard from the National Fire Protection Association (NFPA) Section:**

“Standard 150 Fire and Life Safety in Animal Housing Facilities.”