

**101.1 Title:** These regulations shall be known as the Fire Code of the City of Ashland, Mo. and hereinafter referred to as “this code”

## **Department of Fire Protection**

### **103.0 Ordinance Enforcement**

**103.1 Director:** The administration and enforcement of this ordinance shall be the duty of the Board of Directors and the Fire Chief, who are hereby authorized to take such action as may be reasonably necessary to enforce the provisions of this code. Such persons may be appointed and authorized as assistants or representatives of the director and the chief as may be necessary to carry out the provisions of this code.

**103.2 Appointment:** Delete

**103.3 Deputies:** Delete

**103.4 Relief from personal responsibility:** the code official, officer or employee charged with the enforcement of this code, while acting for the jurisdiction, shall not thereby be rendered liable personally, and is hereby relieved from all personal liability for any damage accruing to persons or property as a result of any act required or permitted in the discharge of official duties. Any suit instituted against any officer or employee because of an act performed by that officer or employee in the lawful discharge of duties and under the provisions of this code shall be defended by the legal representative of the jurisdiction until the final termination of the costs in any action, suit or proceeding that is instituted in pursuance of the provisions of this code; and any officer of the protective inspection division or the fire department acting in good faith and without malice, shall be free from liability for acts performed under any of its provisions or by reason of any act or omission in the performance of official duties in connection therewith.

### **General Authority and Responsibilities**

**104.1 General:** The fire code official is hereby authorized to implement the provisions of this code, and shall have the authority to render interpretations of this code.

**104.6 Official Records:** The fire code official shall arrange for the keeping of official records pertaining to the code. Such records shall be maintained for a period of five years, or such longer period as may be required by law.

### **Permits**

**105.1.2.1 Operational Permit:** Delete

**105.6 Required Operational Permits:** Delete

## **Board of Appeals**

**108.1 Application for Appeal:** Any aggrieved person shall have the right to appeal a decision of the code official to the Board of Directors.

**108.2 Limitations on Authority:** Delete

**108.3 Qualifications:** Delete

## **Violations**

**109.3 Violation penalties:** Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof, shall be guilty of a misdemeanor and upon conviction thereof, shall be punished by a fine of not more than one thousand dollars (\$1,000) or by imprisonment not exceeding one year, or by both such fine and imprisonment. Each day that a violation continues shall be deemed a separate offense.

## **Unsafe Buildings**

**110.1 General:** Delete the word “inimical” and substitute in lieu thereof, the word “unreasonable”.

## **Stop Work Order**

**111.4 Failure to Comply:** insert \$100, \$1,000.

## **Open Burning and Recreational Fires**

**307.2 Permit Required:** Delete

**307.2.1 Authorization:** Delete

**307.3** The Fire Code Official is authorized to order the extinguishment by any responsible person of open burning that creates or adds to a hazardous or objectionable situation.

**307.4.1.2** Delete

**307.5** Attendance: Delete

## **Open Flames**

**308.3 Open Flame:** Delete

**308.3.1 Open Flame Cooking Devices.** Charcoal and other open-flame cooking devices shall not operated on combustible balconies or within 10 feet of combustible construction.

Exceptions:

- A. One and two family dwellings
- B. Apartment buildings and condominiums
- C. Where buildings, balconies and decks are protected by an automatic sprinkler system.

## **Section 316 Fire Performance Art**

**316.1 General.** Fire Performance Art shall be defined as any act (fire juggling, fire eating, etc.) in a public or private place, which utilizes fire for entertainment purposes outside of a protective housing or in ways in which it travels through the air (by one person or multiple persons). These acts do not include pyrotechnics or other open flame devices as regulated by other code sections or permits.

**316.2 Permits.** A permit shall be secured from the fire code official prior to the date of the fire performance art taking place.

**316.3 Space considerations.** A 10-foot distance shall be maintained between the fire-involved item and any member of an audience, any combustible decoration, and any combustible item within the immediate performance area. A minimum 10-foot ceiling height is required.

**316.4 Extinguishing Agents.** A minimum of one (1) 2-10BC multipurpose fire extinguisher shall be required for every five (5) performers at each performance. Additional fire extinguishers may be required by the fire code official based upon the unique circumstances of the performance and occupancy.

**316.4.1** One wet towel for each active fire performer shall be provided to extinguish the fire implement. The towel shall be white in color to differentiate its use from other colors that may be used to clean up flammable or combustible liquid spills. Towels used for cleaning up flammable or combustible liquid spills shall be stored in a metal container with a tight fitting lid.

**316.4.2** One listed fire blanket shall be provided for every five (5) performers.

**316.5 Personal Safety.** A five gallon open topped bucket of water will be provided for each fire performance area.

**316.5.1 Spotter.** One trained spotter shall be provided for each performance. The spotter shall be positioned between the active fire performer and the audience. Spotters should be trained in the proper use of fire extinguishers. The spotter may be a performer who is not engaged in the current performance. The fire code official may require additional spotters based on the unique circumstances of the performance and occupancy.

**316.6 Fuels.** Approved common fuels used for fire performance art include denatured alcohol, lamp oil (odorless and smokeless), kerosene (for outdoor performances only), stove fuel, Shell Sol T brand fuel, Allume Fue brand fuel and Fire Water brand fuel. Gasoline is prohibited under any circumstances.

**316.6.1 Fuel Quantities and Storage.** All fuels shall be stored in their original containers with the caps in place when not in use. The maximum quantity of fuel on the site shall be one (1) U.S. gallon per performer.

**316.7 Wicks.** Wick material shall consist of cotton wrapped in Kevlar to prevent the breakdown of the cotton as it burns. Synthetic wick material shall be avoided.

**316.8 Clothing.** It is recommended that the clothing worn by performers be made of fire resistive materials such as natural fibers or Nomex/PBI.

**316.9 Smoking.** Smoking is prohibited within 50 feet of the performance area and fuel storage. No smoking signs shall be posted accordingly.

### **Premises Identification**

**505.2** (add the words) Each exterior egress doorway on a building shall have a letter affixed to the upper left hand corner of the exterior face of the door beginning with the main entrance door and working clockwise around the building. The letters shall be of a reflective material, blue in color, a minimum of six (6) inches tall with a minimum stroke of .5 inches.

### **Fire Protection Water Supplies**

**508.3 Fire Flow.** Fire hydrants in areas zoned as single family or duplex shall be spaced no greater than every five hundred (500) feet and shall be capable of flowing a minimum of eight hundred (800) gallons of water per minute for a minimum of four (4) hours. In all other areas, fire hydrants shall be spaced no greater than every three hundred (300) feet and shall be capable of flowing a minimum of 1,500 gallons of water per minute for a minimum of four (4) hours; as measured by an approved route around the exterior of the facility of building, on site fire hydrants and mains shall be provided where required by the code official.

**508.3.1** Where the water district authority cannot meet the minimum standards in section 508.3, alternative safety measures should be considered by the code official.

**508.5.1** Delete

### **Commercial Kitchen Hoods**

**609.2 Hood system required:** Each existing commercial cooking appliance and domestic cooking appliance utilized for commercial cooking purposes shall be protected with an approved commercial kitchen hood and duct system:

Exceptions:

- A. Cooking appliances located within a dwelling unit and not utilized for commercial purposes;
- B. Completely enclosed ovens;
- C. Steam tables;

- D. Auxiliary cooking equipment that does not produce grease laden vapors, including toasters, coffee makers and egg cookers.

Hood system suppression: Each required commercial kitchen exhaust hood and duct system shall be protected with an approved automatic fire suppression system installed in accordance with the 2006 International Mechanical Code.

Maintenance: Commercial kitchen exhaust systems shall be cleaned to remove deposits of residue and grease in the system at intervals specified in the cleaning schedule required to be submitted in accordance with the 2006 International Mechanical Code. Thorough cleaning of ducts, hoods and fans shall require scraping, brushing or other positive cleaning methods.

### **Floor Openings and Shafts**

#### **704.1 Enclosure (add exception)**

Exception: Where any structure which has previously received a certificate of compliance or a certificate of occupancy has been maintained accordingly and complies with the following:

- A. Smoke detectors shall be installed in all shafts and corridors, if such exist.
- B. Shaft and corridor smoke detectors shall receive their primary power from the building wiring and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for over current protection.
- C. All smoke detectors in shafts and corridors, if such exist, shall be interconnected such that the actuation of one alarm will actuate all the alarms in the shafts and corridors.
- D. Any structure in compliance with the provisions of section 704.1 shall maintain such compliance.

This exception shall not apply to structures that are renovated, remodeled or altered in excess of fifty (50) percent of the current value of the structure.

### **Automatic Sprinkler Systems**

**903.4.2** (add the words) Alarms. A combination horn strobe shall be installed above the Fire Department Connection (GDC) on all sprinkler systems.

**912.3.1** (add the words) Locking fire department connection caps. Fire department connections shall be a four (4) inch Storz connection and shall utilize a Knox locking FDC cap.

### **Exit Signs**

**1011.1 Illuminated Exit Signs**-Where required (add the words) Illuminated exit signs in A1, A2, R1 and R2 use groups shall be placed above exit doors and to the side of exit doors 18 inches from the floor. The floor level exit signs shall be protected by a guard to

prevent physical damage. Internally illuminated exit signs shall not use incandescent light bulbs relying upon a filament for the source of illumination. This amendment shall be applicable in all new and remodeled construction where illuminated exit signs are required or provided; and when exit signs are replaced or deemed inoperable by the jurisdiction having authority; and where an exit sign is installed in new locations in existing buildings, upon order of the fire code official.

## **Corridors**

### **1017.1 Corridors** (add exception)

Exception. Where any structure has previously received a certificate of compliance or a certificate of occupancy, has been maintained accordingly and complies with the following:

- A. Smoke detectors shall be installed in all shafts and corridors, if such exist.
- B. Shaft and corridor smoke detectors shall receive their primary power from the building wiring and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for over current protection.
- C. All smoke detectors in shafts and corridors, if such exist, shall be interconnected such that the actuation of one alarm will actuate all the alarms in the shafts and corridors.

This exception shall not apply to structures that are renovated, remodeled or altered in excess of fifty (50) percent of the current value of the structure.

## **Number of Exits and Continuity**

### **1019.2 Buildings with one exit** (add exception)

Where any structure has previously received certification of compliance or a certificate of occupancy, has been maintained accordingly and complies with the following:

Exception. Smoke detectors shall be installed in all shafts and corridors, if such exist. Shaft and corridor smoke detectors shall receive their primary power from the building wiring and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for over current protection. All smoke detectors in shafts and corridors, if such exist, shall be interconnected such that actuation of one alarm will actuate all the alarms in the shafts and corridors. This exception shall not apply to structures that are renovated, remodeled or altered in excess of fifty (50) percent of the current value of the structure.

## **Vertical Exit Enclosures**

### **1020.1 General.** (add exception)

Exception. Where any structure has previously received a certification of compliance or a certificate of occupancy, has been maintained accordingly and complies with the following:

- A. Smoke detectors shall be installed in all shafts and corridors, if such exist.
- B. Shaft and corridor smoke detectors shall receive their primary power from the building wiring and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for over current protection.
- C. All smoke detectors in shafts and corridors, if such exist, shall be interconnected such that actuation of one alarm will actuate all alarms in the shafts and corridors.
- D. Existing windows in a sleeping room shall not be eliminated.

This exception shall not apply to structures that are renovated, remodeled or altered in excess of fifty (50) percent of the current value of the structure.

### **Explosives and Fireworks (General)**

#### **3301.1.3 Fireworks. Delete**

### **Appendix B Fire Flow Requirements for buildings**

**B105.1 One and Two Family Dwellings.** The minimum fire flow requirements for one and two-family dwellings having a fire area which does not exceed 3,600 square feet (344m<sup>2</sup>) shall be eight hundred (800) gallons per minute for a minimum of four (4) hours.

**B105.2 Buildings other than one and two-family dwellings.** The minimum fire flow and flow duration for buildings other than one and two family dwelling units shall be 1,500 gallons per minute for a minimum of four (4) hours. The code official may use table B105.1 to determine fire flows under special circumstances. If the nature of the premises or its use so requires, additional flow may be required.

### **Appendix C. Fire Hydrant Locations and Distribution**

#### **Distribution of Fire Hydrants**

**C105.1 Fire Hydrant spacing.** Fire hydrants shall have a maximum spacing of five hundred (500) feet in all R-1 (single family) and R-2 (duplex) zoning districts and three hundred (300) feet in all other zoning districts. Fire hydrant spacing for buildings that are required by the 2006 edition of the International Building Code to have a fire flow greater than or equal to 6,000 gallons per minute shall be regulated by Table C105.1.

#### **Addition**

**C105.1.2 Fire hydrant spacing.** A fire hydrant capable of flowing a minimum of 1,500 gallons per minute for a minimum of four (4) hours shall be placed within one hundred (100) feet of any fire department connection (FDC). This hydrant shall be placed so that it does not impede access to the building or area by responding fire department equipment.