

The International Fire Code, 2015 Edition, as published by the International Code Council and cited appendices listed below are adopted by reference and shall be the Fire Code of the City of Benson.

The International Fire Code, 2015 Edition, adopted by the City of Benson by enacting this resolution is amended as follows:

## CHAPTER 1

### SECTION 101

#### Amend

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

#### Amend

**101.2.1 Appendices:** The following appendices of the 2015 International Fire Code shall be adopted:

APPENDIX B, FIRE-FLOW REQUIREMENTS FOR BUILDINGS  
APPENDIX C, FIRE HYDRANT LOCATIONS AND DISTRIBUTION  
APPENDIX D, FIRE APPARATUS ACCESS ROADS  
APPENDIX E, HAZARD CATEGORIES  
APPENDIX F, HAZARD RANKING  
APPENDIX G, CRYOGENIC FLUIDS-WEIGHT AND VOLUME EQUIVALENTS  
APPENDIX H, HMMP AND HMIS INSTRUCTIONS  
APPENDIX I, FIRE PROTECTION SYSTEMS-NON COMPLIANT CONDITIONS  
APPENDIX J, BUILDING INFORMATION SIGN  
APPENDIX K, CONSTRUCTION REQUIREMENTS FOR EXISTING AMBULATORY CARE FACILITIES  
APPENDIX L, REQUIREMENTS FOR FIREFIGHTER AIR REPLENISHMENT SYSTEMS  
APPENDIX M, HIGH RISE BUILDINGS RETROACTIVE AUTOMATIC SPRINKLER REQUIREMENTS

#### Add New Appendix N

APPENDIX N, CONTROL AND SUPPRESSION OF HAZARDOUS FIRE AREAS

### SECTION 102

#### Amend

**102.7 Referenced codes and standards:** The codes and standards referenced in this code shall be those that are listed in Chapter 80 and the most current edition shall apply.

#### Amend

**102.7.1 Conflicts:** When conflicting provisions or requirements occur between this code, the

technical codes and standards and other codes or laws, the Fire Code Official shall have the discretion to determine which provision shall apply. When conflicts occur between the technical codes, those provisions providing the greater degree of safety to life as determined by the Fire Code Official shall govern. Where in a specific case different sections of the technical codes specify different materials, methods of construction or other requirements, the Fire Code Official shall have the discretion to determine which provision shall apply. When there is a conflict between a general requirement and a specific requirement, the specific requirement shall apply.

## **SECTION 105**

### **Amend**

**105.1.1 Permits Required:** A property owner or owner's authorized agent who intends to conduct an operation or business, or install or modify systems and equipment that are regulated by this code, or to cause any such work to be performed, shall first make application to the Building Department and through the other approved departments of the City and obtain the required permit.

### **Amend**

**105.2 Application:** Applications for permits listed in Section 105.1.2 shall be made through the Building Department and through the approved departments of the City.

### **Amend**

**105.6 Required Operational Permits:** The Fire Code Official is authorized to issue permits for the operations and activities set forth in Sections 105.6.1 through 105.6.48. The issuance of a permit will be on an "as needed" basis as determined by the Fire Code Official and shall be in the best interest of fire and life safety and in the best interest of the City.

### **Amend**

**105.7 Required Construction Permits:** The City of Benson adopted codes, as amended, shall apply to permits set forth in Sections 105.7.1 through 105.7.18.

## **SECTION 109**

### **Amend**

**109.4 Violation Penalties:** Any person 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 perform work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a Class 1 misdemeanor, punishable by a fine of not more than \$2500.00 dollars or by imprisonment not exceeding 180 days, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

## **SECTION 111**

### **Amend**

**111.4 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 \$50.00 dollars or more than \$150.00 dollars. Each day that the work continues after having been served with a stop work order shall be deemed a separate offense.

## **SECTION 113**

### **Amend**

**113.2 Schedule of Permit Fees:** The fees for all work as required shall be as indicated in Chapter 16 of the Benson City Code.

## **CHAPTER 2**

## **SECTION 202**

### **Add**

**ADULT CARE FACILITY:** A building or structure that provides adult foster care, supervisory care services, personal care services or directed care services.

### **Add**

**CHILD CARE FACILITY:** A building or structure that provides child care, child minding, daycare, or pre-schooling services.

### **Add**

**COMMUNITY:** The authority having jurisdiction and government entity known as the City of Benson.

### **Amend**

**FIRE CODE OFFICIAL:** The Fire Chief, Fire Marshal, or Deputy Fire Marshal charged with the administration and enforcement of the code.

### **Add**

**OPERATIONAL PERMIT:** An operational permit allows the applicant to conduct an operation for a prescribed period.

### **Add**

**READILY ACCESSIBLE:** Access that is capable of being reached safely and quickly for operation, repair or inspection without requiring those to whom ready access is requisite to climb over or remove obstacles, or to resort to the use of portable access equipment.

**Add**

**RESIDENTIAL GROUP R-4:** Residential Group R-4 occupancy shall include buildings, structures or portions thereof for more than five but not more than 16 persons, excluding staff, who reside on a 24-hour basis in a supervised residential environment and receive custodial care. The persons receiving care are capable of self-preservation. This group shall include, but not be limited to, the following; Alcohol and drug centers; Assisted living facilities; Congregate care facilities; Group homes; Halfway houses; Residential board and care facilities; Social rehabilitation facilities. Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3, except as otherwise provided for in the International Building Code.

**Add**

**SPECIAL USE PERMIT:** A permit issued by the appropriate department of the Community Government allowing a specific activity, event or condition to occur for a prescribed period.

**CHAPTER 3**

**SECTION 309**

**Amend**

**309.1 General:** Gas and battery powered industrial trucks and similar equipment such as floor scrubbers, floor buffers, forklifts, or golf carts, shall be operated and maintained in accordance with this section and other applicable sections of this code.

**CHAPTER 4**

**SECTION 401**

**Add**

**401.3.2.1 Resetting of Alarms:** No person shall reset a fire or emergency alarm system, alarm initiating device or component until the fire department arrives.

**Exception:** The person responsible for the property may investigate the building or area of alarm and if no evidence of fire or emergency is found, the system may be silenced, but not reset, until the fire department arrives.

**SECTION 403**

**Amend**

**403.4 Group B Occupancies:** An approved fire safety and evacuation plan in accordance with Section 404 shall be prepared and maintained for buildings containing a Group B occupancy owned by the Community and where the Group B occupancy has an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge and for buildings having an ambulatory care facility.

**SECTION 408**

**Add**

**408.12 General:** Adult Care, Child Care and Residential Group R-4 facilities shall meet the following requirements:

1. Interconnected smoke detectors shall be installed in all livable areas.
2. Approved evacuation maps and emergency procedures shall be posted.
3. Portable fire extinguishers shall be mounted at locations approved by the Fire Code Official.

**CHAPTER 5**

**SECTION 503**

**Amend**

**503.2.1 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 15 feet (4572 mm).

**Amend**

**503.2.4 Turning radius:** The required turning radius of a fire apparatus access road shall be a minimum turning radius of 35 feet (10,668 mm) inside and 55 feet (16,764 mm) outside for the required fire apparatus access road.

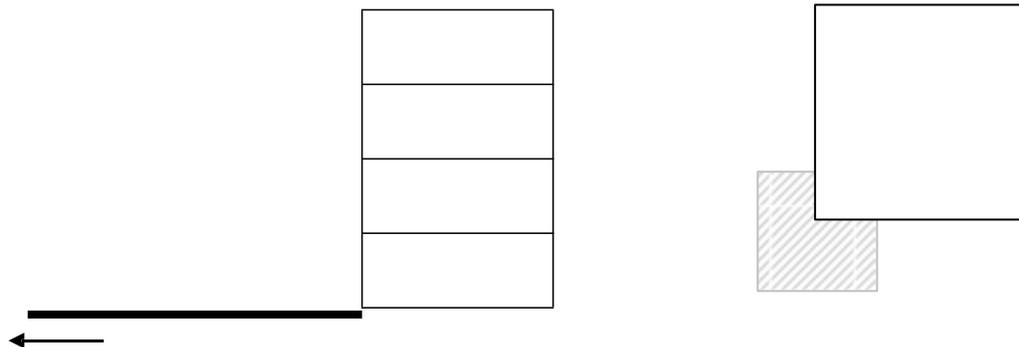
**Amend**

**503.2.7 Grade:** All access roads, whether temporary or permanent, shall not exceed 6% grade.

**SECTION 504**

**Add**

**504.4 Fire Department Apparatus Access to Roof:** For buildings two (2) or more stories in height, a minimum of 50 foot flat area at grade at two corners of the building shall be required for fire department operations and apparatus placement.



→  
50'

## SECTION 507

### Amend

**507.5 Fire hydrant systems:** Fire hydrant systems shall meet the Community's minimum standards and shall be designed and installed in accordance with the applicable standards established by the Community.

### Add

**507.5.7 Distance to fire department connections:** Fire hydrants shall be placed to ensure that the distance to fire department connections shall not exceed 100 feet.

## CHAPTER 9

### SECTION 901

#### Amend

**901.1 Scope:** The provisions of this chapter shall specify where fire protection systems are required and shall apply to the design, installation and operation of fire protection systems. Where a conflict exists between this chapter and the 2015 International Fire Code and associated Fire Code Amendments of Exhibit B, the 2015 International Fire Code and associated Fire Code Amendments of Exhibit B shall govern.

#### Add

**901.4.6.1 Fire riser room.** All fire riser rooms shall have exterior access doors, with key box on the exterior, and a reflective sign with red background and white letters stating "FIRE RISER ROOM".

**Exception:** Existing buildings.

### SECTION 902

#### Add

**902.1 Definitions: DETACHED.** For the purpose of Chapter 9 FIRE PROTECTION SYSTEMS, detached shall mean separated from the main building or structure by a minimum of 10 feet.

### SECTION 903

#### Amend

**903.2 Where Required.** An automatic sprinkler system shall be installed throughout all levels of all new occupancies of more than 0 square feet, to include all garages, and car-ports.

**Exceptions:** Unless the use of the facility otherwise requires an automatic fire sprinkler system, fire sprinkler systems shall not be required for the following:

1. Detached, non-combustible or heavy timber (HT) gazebos and ramadas, at least fifty (50%) percent open on the sides, used to protect humans, animals and property from the sun and/or elements without combustible storage beneath.
2. Detached guard houses less than 300 square feet in floor area.
3. Detached storage sheds for private, residential, non-commercial use less than 200 square feet in floor area.
4. Detached non-combustible canopies less than 1500 square feet in roof area used exclusively for vehicle washing facilities.
5. Listed shade structures less than 5,000 square feet; not closer than ten (10') feet to any building, property line or other shade canopy; and shading one of the following: vehicles for sale at a dealership, playground equipment, or outdoor eating areas without cooking.
6. Non-combustible shipping containers used for storage purposes and not closer than ten (10') feet to any building, property line or other container.
7. Exterior roofs, overhangs or canopies of Type I, II or III construction with no combustible storage beneath.
8. Exterior covered/enclosed walkways of Type I, II or III construction with enclosing walls that are at least 50 percent open.
9. Temporary Special Amusement Buildings.
10. Pre-manufactured structures used exclusively as a construction office up to 5000 square feet and not closer than ten (10') feet to any other structure or property line. This exception shall apply during the course of the construction with a valid issued building permit.
11. Detached non-combustible parking canopies.

**Amend**

**903.2.1 Group A.** An automatic sprinkler system shall be installed throughout all Group A occupancies in accordance with NFPA 13 Installation of Sprinkler Systems.

**Delete**

Delete in its entirety sub-section 903.2.1.1 through 903.2.1.7

**Amend**

**903.2.2 Ambulatory care facilities:** An automatic sprinkler system shall be installed throughout all ambulatory care facilities.

**Amend**

**903.2.3 Group E.** An automatic sprinkler system shall be installed throughout all Group E occupancies in accordance with NFPA 13 Installation of Sprinkler Systems.

**Amend**

**903.2.4 Group F.** An automatic sprinkler system shall be installed throughout all Group F occupancies in accordance with NFPA 13 Installation of Sprinkler Systems.

**Delete**

Delete in its entirety sub-section 903.2.4.1

**Amend**

**903.2.5 Group H.** An automatic sprinkler system shall be installed throughout all Group H occupancies in accordance with NFPA 13 Installation of Sprinkler Systems. The design of the sprinkler system shall not be less than that required under the City of Benson Building Code for the occupancy hazard classifications in accordance with Table 903.2.5.2 Group H-5 Sprinkler Design Criteria.

Where the design area of the sprinkler system consists of a corridor protected by one row of sprinklers, the maximum number of sprinklers required to be calculated is 13.

**TABLE 903.2.5.2  
Group H-5 Sprinkler Design Criteria**

<b>LOCATION</b>	<b>OCCUPANCY HAZARD CLASSIFICATION</b>
Fabrication areas	Ordinary Hazard Group 2
Service corridors	Ordinary Hazard Group 2
Storage room without dispensing	Ordinary Hazard Group 2
Storage rooms with dispensing	Extra Hazard Group 2
Corridors	Ordinary Hazard Group 2

**Amend**

**903.2.6 Group I.** An automatic sprinkler system shall be installed throughout all Group I occupancies in accordance with NFPA 13 Installation of Sprinkler Systems.

**Amend**

**903.2.7 Group M.** An automatic sprinkler system shall be installed throughout all Group M occupancies in accordance with NFPA 13 Installation of Sprinkler Systems.

**Amend**

**903.2.8 Group R.** An automatic sprinkler system shall be installed throughout all Group

R occupancies in accordance with NFPA 13 Installation of Sprinkler Systems.

**Delete**

Delete in its entirety sub-section 903.2.8.1 through 903.2.8.4

**Amend**

**903.2.9 Group S-1.** An automatic sprinkler system shall be installed throughout all Group S-1 occupancies in accordance with NFPA 13 Installation of Sprinkler Systems.

**Delete**

Delete in its entirety sub-section 903.2.9.1 and 903.2.9.2

**Amend**

**903.2.10 Group S-2.** An automatic sprinkler system shall be installed throughout all Group S-2 occupancies in accordance with NFPA 13 Installation of Sprinkler Systems

**Delete**

Delete in its entirety sub-section 903.2.10.1

**Add**

**903.2.13 Change of Occupancy.** An automatic sprinkler system complying with Section 903.3 shall be provided for an existing building or portion thereof undergoing a change of occupancy as follows, based upon the relative hazard levels indicated in Table 903.2.13:

1. When a change of occupancy is made to a higher hazard level as shown in Table 903.2.13, the building shall be provided with an automatic fire sprinkler system.
2. When a change of occupancy is made within hazard level 1 as shown in Table 903.2.13, the building shall be provided with an automatic fire sprinkler system.

**Table 903.2.13  
Existing Building Hazard Levels**

Hazard Level	Building Occupancy Type
1 (highest)	H, I, R-1, R-2, R-4
2	A-2, A-5
3	A-1, A-3, A-4
4	E, F-1, M, S-1
5 (lowest)	B, F-2, R-3, S-2, U

Note: Occupancies as defined in this Code.

## **Add**

**903.2.14 Additions, Alterations and Repairs.** When additions, alterations or repairs within a twelve-month period exceed 50 percent of the square footage of the existing building or structure, such building or structure shall be made to conform to the requirements for new buildings or structures.

## **Add**

**903.2.15 Partial Systems Prohibited.** In all new additions to existing non-sprinklered buildings and structures, an automatic sprinkler system shall be installed throughout the entire structure. There shall be no partially sprinklered compartments.

## **Amend**

**903.3 Installation Requirements:** Automatic sprinkler systems shall be designed and installed in accordance with the applicable NFPA Standards.

## **Amend**

**903.3.5 903.3.5 Water Supplies:** Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of the Benson City Code and Standards. For connections to public waterworks systems, the water supply curve must be adjusted by 10 percent so that the adjusted curve is parallel to the original test curve as approved by the Fire Code Official.

## **Amend**

**903.3.6 Hose Threads:** All fire hose threads used in conjunction with automatic sprinkler system shall be National Hose Thread (NHT).

## **Amend**

**903.3.7 Fire Department Connections:** The installation and location of the fire department connections shall be in accordance with Section 912 and be approved by the Fire Code Official.

## **SECTION 905**

## **Add**

**905.3.1.1 Building Area.** In buildings exceeding 10,000 square feet in area per story, Class I automatic wet standpipes shall be provided and where any portion of the building's interior area is more than 200 feet of travel, vertically and horizontally, from the nearest point of fire department vehicle access.

### **Exceptions:**

1. Single story structures are not required to have hose connections, except in those interior portions of the building that exceed 200 feet of travel from an emergency access road.

2. Required wet standpipes may be an integral part of an approved sprinkler system and may be connected to the sprinkler systems horizontal cross-mains. Calculations for required hose demand shall be submitted with sprinkler plans.

#### **Amend**

**905.3.4 Stages.** Stages greater than 1,000 square feet in area shall be equipped with a Class I wet standpipe system with 2.5 inch hose connections on each side of the stage supplied from the automatic fire sprinkler system and shall have a flow rate of not less than that required for Class 1 standpipes.

#### **Delete**

**905.3.4.1 Hose and Cabinets.**

### **SECTION 906**

#### **Amend**

**906.1 Where Required:** 6. Special-hazard areas, including but not limited to laboratories, computer rooms, generators rooms and office break rooms, where heating and/or cooking appliances are utilized, and as required by the Fire Code Official.

#### **Add**

**906.1 Where Required:** 7. Special amusement buildings.

### **SECTION 912**

#### **Amend**

**912.2 Location:** Fire department connections shall be located at a corner of the building being protected, within 4 feet to 8 feet of the curb line of an access road or public street, 40 feet or one and one half times the height of the building being protected, whichever is more, or as approved by the Fire Code Official. The fire department connection line shall be a wet line with the check valve at the hose connection above grade.

#### **Add**

**912.2.3 Maximum Distance to Fire Department Connections:** Fire department connections for all occupancies shall be within 100 feet of a fire hydrant.

## **CHAPTER 24**

### **SECTION 2404**

#### **Add**

**2404.1.1 Spray-Finishing Operations:** Spray-finishing operations shall not be conducted outside of approved structures.

**Exceptions:**

1. Spray coating of buildings or dwellings, including appurtenances and any other ornamental objects that are not normally removed prior to coating.
2. Spray coating of facility equipment or structures, which are fixed in a permanent location and cannot easily be moved into an enclosure or spray booth and which are not normally dismantled or moved prior to coating.
3. Spray coating of objects, which cannot fit inside of an enclosure with internal dimensions of 10'W X 25'L X 8'H, excluding vehicles.
4. Coating operations utilizing only hand-held aerosol cans.

**CHAPTER 32**

**SECTION 3201**

**Amend**

**3201.2 Permits:** A permit shall be required to be obtained from the City of Benson Building Department, and submittal of HMIS and MSDS for reportable quantities is required.

**CHAPTER 61**

**Section 6109**

**Add**

**6109.1.1 Pre-Filled Portable Cylinders for Consumer Exchange:** The installation of pre-filled portable cylinders for consumer exchange. The installation of pre-filled portable cylinders for consumer exchange shall comply with the following requirements:

1. A construction permit is required for the installation of or modification to pre-filled portable cylinders for consumer exchange in accordance with section 105.7.8.
2. Storage is limited to one cage, containing up to twenty-five (25), twenty (20) pound propane cylinders (500 pounds) without any separation from a structure. A second cage may be installed next to a structure on the same property as long as a minimum of 20 feet separation is maintained between the two cages.
3. A site plan for the installation shall be submitted to the Fire Prevention Division. The site plan shall indicate the sizes and locations of the pre-filled portable cylinders for consumer exchange cage, as well as the separation distances between cages, the distances to property lines, structures, and public ways.
4. The cage shall not be located within 10 feet of any doorway or opening in a building frequented by the public and 10 feet from any exterior source of ignition, openings into direct-vent (sealed combustion system) appliances or mechanical

ventilation air intakes.

5. The cage shall be located so that any discharge from a propane cylinder pressure relief device is at least 5 feet horizontally away from any building opening below the level of such discharge.
6. The cage shall be a lockable ventilated metal locker or rack that prevents tampering and pilferage.
7. The cage shall be designed so that containers cannot be stacked on top of each other and designed so that containers are positioned upright with the pressure-relief valve in direct communication with the vapor space of the container.
8. Defective containers or containers showing denting, bulging, or excessive corrosion shall be removed from service and properly disposed of.
9. The cage and area shall be kept free and clear of all combustible materials, including storage, for a distance of at least 10 feet on all sides.
10. NO SMOKING signs shall be posted on the cage and within 25 feet of the surrounding area.
11. Approved NFPA 704 hazard identification signs shall be posted on the cage.
12. Signs listing exchange procedures, company name, and 24 hour phone numbers shall be posted on the cage.
12. Signs requiring that customers leave LPG containers outside shall be posted at all building entrance(s).
14. All employees with access to the exchange cage shall be trained in the proper handling and operating procedures, including the procedure for handling defective containers. Documentation of this training shall be provided to the Fire Prevention Division upon final inspection.
15. A written inspection checklist for receiving empty containers as well as giving out full cylinders shall be available and used by employees when handling containers.
16. Provisions shall be made for controlling and mitigating unauthorized discharges. A Hazardous Materials Management Plan shall be readily available on site.
17. A minimum of one 2A20BC fire extinguisher shall be located not less than 25 feet, but within 75 feet from the cage area.
18. Cages exposed to probable vehicular damage due to proximity to alleys, driveways, or parking areas, shall be protected in accordance with Section 312.
19. A final inspection by the Fire Prevention Division is required prior to the cage being put into service.

**Add**

**APPENDIX N  
CONTROL AND SUPPRESSION OF HAZARDOUS FIRE AREAS**

**Section N-101 General**

N-101.1 Scope. The unrestricted use of grass, grain, brush or forest covered land in hazardous fire areas is a potential menace to life and property from fire and resulting erosion.

**Section N-103 Permits**

N-103.1 Permits. Permits for any use within hazardous fire areas shall be issued with the approval of the City of Benson administration, utilizing the current permit process. Permits shall not be issued when public safety would be at risk, as determined by the Fire Code Official.

**Section N-104 Restricted Entry**

N 104.1 Restricted entry. The Fire Code Official shall determine, and make recommendations to the City of Benson Administration, when hazardous fire areas shall be closed to entry and when such areas shall again be opened.

**Exception:**

1. Entry, in the course of duty, by peace or police officer, and other duly authorized public officers, members of a fire department and members of the United States Forest Service.

**Section N-105 Trespassing on Posted Property.**

**N-105.1 General.** When the City of Benson Administration approves the recommendation from the Fire Code Official that a specific area within a hazardous fire area presents an exceptional and continuing fire danger because of the density of natural growth, difficulty of terrain, proximity to structures or accessibility to public, such areas shall be closed until changed conditions warrant termination of closure. Such areas shall be posted as hereafter provided.

**N-105.2 Signs.** Approved signs prohibiting entry by unauthorized persons and referring to Appendix H shall be placed on every closed area.

**N-105.3 Trespassing.** Entering and remaining within areas closed and posted is prohibited.

**Exception:** Local state and federal public officers and their authorized agents acting in the course of duty.

**Section N-107 Spark Arresters**

**N-107.1 Spark Arresters.** Chimneys used in conjunction with fireplaces, barbecues, incinerators or heating appliances in which solid or liquid fuel is used, upon buildings, structures or premises located within 200 feet of hazardous fire areas, shall be provided with a spark arrester constructed with heavy wire mesh or other noncombustible material with openings not to exceed ½ inch.

## **Section N-108 Tracer Bullets, Tracer Charges, Rockets, Model aircraft, Aerial Lanterns.**

**N-108.1 General.** Tracer bullets and tracer charges shall not be possessed, fired or caused to be fired into or across hazardous fire areas. Aerial sky lanterns in which have open flames to conduct lift, rockets, model planes, aerial drones, gliders and balloons powered with a combustion engine, propellant or other feature liable to start or cause fire shall not be fired or projected into or across hazardous fire areas.

## **Section N-109 Explosives and Blasting.**

N-109.1 Explosives and blasting agents shall not be possessed, kept, stored, sold, offered for sale, given away, used, discharged, transported or disposed of within hazardous fire areas except by permit from the Fire Code Official.

## **Section N-110 Fireworks.**

N-110.1 Fireworks. Fireworks shall not be used or possessed in hazardous fire areas, except by permit from the Fire Code Official. The Fire Code Official is authorized to seize, take, remove or cause to be removed fireworks.

## **Section N-111 Apiaries.**

N-111.1 Apiaries. Lighted and smoldering material shall not be used in connection with smoking bees in or upon hazardous fire areas except by permit from the Fire Code Official.

## **Section N-112 Open-Flame Devices.**

**N-112.1 Open-flame devices.** Welding torches, tar pots, decorative torches and other devices, machines or processes liable to start or cause fire shall not be operated or used in or upon hazardous fire areas, except by permit from the Fire Code Official.

### **Exceptions:**

1. Use within habited premises or designated campsites which are a minimum of 30 feet from grass, grain, brush or forest covered areas.
2. The proper use of fuses at the scene of emergencies or as required by standard operating procedures.

## **Section N-113 Outdoor Fires.**

**N-113.1 Outdoor fires.** Outdoor fires shall not be built, ignited or maintained in or upon hazardous fire areas, except by permit from the Fire Code Official.

**Exception:** Outdoor fires within habited premises or designated campsites where such fires are built in a permanent barbecue, portable barbecue, outdoor fireplace, incinerator or grill and are a minimum of 30 feet from a grass, grain, brush or forest covered area.

Permits shall incorporate such terms and conditions, which will reasonably safeguard public safety and property. Outdoor fires shall not be built, ignited or maintained in or upon hazardous fire areas under the following conditions:

1. When high winds are blowing
2. When a person age 17 or over is not present at all times to watch and tend fire, or
3. When public announcement is made that open burning is prohibited

Permanent barbecue, portable barbecues, outdoor fireplaces or grills shall not be used for the disposal of rubbish, trash or combustible waste material.

#### **Section N-114 Incinerators and Fireplaces.**

**N 114.1 General:** Incinerators, outdoor fireplaces, permanent barbecues and grills shall not be built, installed or maintained in hazardous fire areas without prior approval of the Fire Code Official. Incinerators, outdoor fireplaces, permanent barbecues and grills shall be maintained in good repair and in a safe condition at all times. Openings in such appliances shall be provided with an approved spark arrester, screen or door.

#### **Section N-115 Clearance of Brush and Vegetative Growth from Electrical Transmission Lines.**

**N-115.1 General.** Clearance of brush and vegetative growth from electrical transmission lines shall be in accordance with the IFC and NFPA.

**N-115.2 Support Clearance.** Persons owning, controlling, operating or maintaining electrical transmission lines upon hazardous fire areas shall, at all times, maintain around and adjacent to poles supporting a switch, fuse, transformer, lightning arrester, line junction, dead end, corner pole, towers, or other poles or towers at which power company employees are likely to work most frequently an effective firebreak consisting of a clearing or not less than 10 feet in each direction from the outer circumference of such pole or tower.

**Exception:** Lines used exclusively as telephone, telegraph, messenger call, alarm transmission or other lines classed as communication circuits by a public utility.

**N-115.3 High Tension Line Clearance.** Persons owning, controlling, operating or maintaining electrical transmission lines upon hazardous fire areas shall maintain the clearance specified below in all directions between vegetation and conductors carrying electrical current:

1. For lines operating at 2,400 volts and less than 68,000 volts, 4 feet.
2. For lines operating at 68,000 volts and less than 110,000 volts, 6 feet.
3. For lines operating at 110,000 volts and over, 10 feet.

Such distance shall be sufficiently great to furnish the required clearance from the particular wire or conductor to positions of such wire or conductor at temperatures of 120 F or less. Forked,

dead, old, decadent and rotten trees; trees weakened by cat faces, decay or disease; and trees leaning toward the line, which could contact the line from the side or fall on the line, shall be felled, cut or trimmed to remove the hazard.

**N-115.4 Self-Supporting Aerial Cable.** Line clearance is not required for self-supporting aerial cable, except that forked trees, leaning trees and other growth, which could fall across the cable and break it shall be removed.

### **Section N-116 Clearance of Brush or Vegetation Growth from Structures.**

**N-116.1 General.** Persons owning, leasing, controlling, operating or maintaining buildings or structures in, upon or adjoining hazardous fire areas, and person owning, leasing or controlling land adjacent to such buildings or structures, shall at all times:

1. Maintain an effective firebreak by removing and clearing away flammable vegetation and combustible growth from areas with 30 feet of such buildings or structures;

**Exception:** Single specimens of trees, ornamental shrubbery or similar plants used as ground covers, provided that they do not form a means of rapidly transmitting fire from the native growth to any structure.

2. Maintain additional fire protection or firebreak by removing brush, flammable vegetation and combustible growth located from 30 feet to 100 feet from such buildings or structures, when required by the Fire Code Official because of extra-hazardous conditions causing a firebreak of only 30 feet to be insufficient to provide reasonable fire safety;

**Exception:** Grass and other vegetation located more than 30 feet from buildings or structures and less than 18 inches in height above the ground need not be removed where necessary to stabilize the soil and prevent erosion.

3. Remove portions of trees, which extend within 10 feet (3048 mm) of the outlet of a chimney.
4. Maintain trees adjacent to or overhanging a building free of deadwood.
5. Maintain the roof of a structure free of leaves, needles or other dead vegetative growth.

**N-116.2 Corrective Actions.** The City of Benson Administration is authorized to instruct the Fire Code Official to give notice to the owner of the property upon which conditions regulated by this section exist to correct such conditions. If the owner fails to correct conditions, the City of Benson Administration to cause the same to be done and make the expense of such correction a lien upon the property where such condition exists.

### **Section N-117 Clearance of Brush or Vegetation Growth from Roadways.**

**N-117.1 Clearance of brush or vegetation.** The Fire Code Official is authorized to cause areas within 10 feet on each side of portions of highways and private streets, which are improved, designed or ordinarily used for vehicular traffic to be cleared of flammable vegetation and other

combustible growth. The Fire Code Official is authorized to enter upon private property to do so.

**Exception:** Single specimens of trees, ornamental shrubbery or cultivated ground such as green grass, ivy, succulents or similar plants used as ground cover, provided that they do not form a means of readily transmitting fire.

### **Section N-118 Unusual Circumstances.**

**N-118.1 Unusual circumstances.** If the Fire Code Official determines that difficult terrain, danger of erosion or other unusual circumstances make strict compliance with the clearance of vegetation provisions of Sections 115, 116, or 117 of Appendix M undesirable or impractical, enforcement thereof may be suspended and reasonable alternative measures shall be provided.

### **Section N-119 Dumping.**

N-119.1 Dumping Garbage, cans, bottles, papers, ashes, refuse, trash, or rubbish or combustible waste material shall not be placed, deposited or dumped in or upon hazardous fire areas or in, upon all along trails, roadways or highways in hazardous fire areas.

**Exceptions:** Approved public and private dumping areas.

### **Section N-120 Disposal of Ashes.**

N-120.1 Disposal of ashes. Ashes and coals shall not be placed, deposited or dumped in or upon hazardous fire areas.

#### **Exceptions:**

1. In the hearth of an established fire pit, camp stove or fireplace.
2. In a noncombustible container with a tight-fitting lid, which is kept or maintained in a safe location not less than 10 feet from combustible vegetation or structures.
3. Where such ashes or coals are buried and covered with 1 foot of mineral earth not less than 25 feet from combustible vegetation or structures.

### **Section N-121 Use of Fire Roads and Firebreaks.**

**N-121.1** Use of fire roads and firebreaks by motorcycles, motor scooters and motor vehicles shall not be driven or parked upon, and trespassing is prohibited upon, fire roads or firebreaks beyond the point where travel is restricted by a cable, gate or sign. Vehicles shall not be parked in a manner, which obstructs the entrance to a fire road or firebreak.

**Exception:** Public officers acting within their scope of duty.

Radio and television aerials, guy wires thereto, and other obstructions shall not be installed or maintained on fire roads or firebreaks unless located 16 feet or more above such fire road or firebreak.

### **Section N-123 Tampering with Fire Department Locks, Barricades and Signs.**

**N-123.1** Tampering with fire department locks, barricades and signs. Locks, barricades, seals, cables, signs and markers installed within hazardous fire areas, by or under the control of the Fire Code Official, shall not be tampered with, mutilated, destroyed or removed.

**Section N-124 Liability for Damage.**

N-124.1 Liability for damage. The expenses of fighting fires, which result from a violation of Appendix N, shall be a charge against the person whose violation of Appendix N caused the fire. Damages caused by such fires shall constitute a debt of such person and are collectable by the City of Benson Administration in the same manner as in the case of an obligation under a contract, expressed or implied.