

## CHAPTER 9. FIRE PREVENTION AND PROTECTION

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### Article 9-1. Utah State Fire Code

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#### 9-1-1. Adoption of Utah State Fire Code.

(a) There is hereby adopted by Utah County, as provided in Section 53-7-106, Utah Code Annotated, 1953 as amended, for the purpose of prescribing regulations governing conditions hazardous to life and property from fire or explosion occurring in the unincorporated area of the county, the Utah State Fire Code which adopts, with modifications, the International Fire Code, 2009 Edition, issued by the International Fire Code Council, Inc., ("IFC"), save and except such portions as are hereinafter deleted, modified, or amended by the Utah County Code, as authorized in Section 53-7-204(3), Utah Code Annotated, 1953 as amended, hereinafter referred to as the Fire Code. In the event of any conflict between the terms of the Fire Code, the terms of this Chapter shall control to the extent permitted under Utah State Law.

(b) The following appendices to the International Fire Code are hereby 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, and Appendix G-Cryogenic Fluids-Weight and Volume Equivalents.

(c) The Fire Code is hereby adopted in book form as provided in Section 17-53-208, Utah Code Annotated, 1953 as amended, and incorporated by such adoption

as fully as is set out at length herein, and shall be controlling within the limits of the unincorporated area of Utah County, Utah. (Ord. 2005-3, 2-22-05)(Ord. 2010-29, 11-2-10).

#### 9-1-2. Establishment and duties of Bureau of Fire Prevention.

(a) There is hereby established a Bureau of Fire Prevention within the Utah County Community Development Department, which Bureau shall be managed by the Utah County Community Development Director, which shall operate as the department of fire prevention when the function of such department is required by the Fire Code. The Fire Code shall be enforced by the said Bureau of Fire prevention and its officers as hereinafter set forth.

(b) There shall be the position of Fire Marshal within the Bureau of Fire Prevention, who shall serve as the "code official" or "Fire Chief", when the function of such officer is required by the Fire Code, and shall have the duties required in state law, the Fire Code, and other ordinances of Utah County appertaining to his office or required by his supervision.

(c) In addition to the position of Fire Marshal, the Bureau of Fire Prevention may include technical inspectors and other staff members, when authorized by the Board of County Commissioners, who work under the direction of the Fire Marshal to assist him in completing his duties.

(d) In addition to, or as a part of, the duties specified in this Chapter, the Bureau of Fire Prevention shall carry out the duties required by it in the contracts which Utah County has made with incorporated cities for fire protection in the unincorporated area. The Bureau of Fire Prevention in carrying out the enforcement of the Fire Code, may request and shall receive in so far as may be necessary and practical, the assistance and cooperation of other officials of Utah County and the contracting cities. (Ord. 2004-17, 7-20-04)(Ord. 2010-29, 11-2-10).

#### 9-1-3. Definitions.

(a) Whenever the term "code official" is used in the Fire Code, it shall be held to mean the Fire Marshal.

(b) Whenever the term "Classification of Roof - Covering" is used in this chapter of the Utah County Code, it shall be held to refer to the classification of a covering established by the International Building Code. The two International Building Code classifications of roof allowed in Urban Interface areas are as follows:

Class A: Class A roof coverings are effective against severe fire test exposures. Under such exposures, roof coverings of this class are not readily flammable, afford a fairly high degree of fire protection to the

roof deck, do not slip from position and pose no flying-brand hazard.

Class B: Class B roof coverings are effective against moderate fire exposures. Under such exposures, roof coverings of this class are not readily flammable, afford a moderate degree of fire protection to the roof deck, do not slip from position and pose no flying-brand hazard.

(c) Whenever the term "Cluster" is used in this chapter of the Utah County Code, it shall be held to refer to developments of not less than five separate building sites or lots (except for platted mountain home developments or recreational resorts having fewer than five building sites or lots for the entire development). A cluster shall be so designed as to provide that each building site within the cluster shall contain a location for a one-family dwelling which meets the standards of the International Building Code.

(d) Whenever the term "Construction" is used in this chapter of the Utah County Code, it shall mean the erection, building enlargement, alteration, repairing, moving, or structure or the wiring, piping, heating, cooling, ventilation, refrigeration, sanitation, or transportation fixtures and equipment therein, or the excavation, filling or paving of land.

(e) Whenever the term "Development" is used in this chapter of the Utah County Code it shall be construed to include any man-made change to improved or unimproved real estate, including but not limited to paving, excavation, drilling operations, storage of equipment or materials or landscaping.

(f) Whenever the terms "chief appointing authority", "appointing authority" or "governing body" is used in the International Fire Code, they shall be held to mean the Board of County Commissioners of Utah County.

(g) Whenever the term "Fire Department" is used in the International Fire Code, it shall be held to mean the Utah County Community Development Department.

(h) Whenever the terms "Fuel Break" or "Fire Break" are used in this chapter of the Utah County Code, they shall refer to a maintained area of land denoted by the thinning of native vegetation, the removal of dead plant material, and the replacing of highly flammable vegetation with irrigated areas and fire resistant plants in a manner and breadth approved by the Fire Marshal.

(I) Whenever the term "Urban/Wildland Interface" is used in this chapter of the Utah County Code, it shall mean the area where development meets the heavily forested or brush land existing in a relative natural state; specifically, the land which meets the criteria is identified in the overlay map in Appendix "A" of this

Code, and which is hereby made a part of this definition. (Ord. 2004-17, 7-20-04)(Ord. 2010-29, 11-2-10).

#### 9-1-4. Fire flow requirements.

(a) Pursuant to authority granted in the Fire Code and in Section 53-7-204 of the Utah Code Annotated, 1953 as amended, the following shall be exempt from the fire flow requirements of the Fire Code (the occupancy types referred to herein under shall be defined in section 202, occupancy classification of the International Fire Code):

- (1) Structures with type "U" occupancies;
- (2) Public utility poles and lines;

(3) "R3" occupancies under 6,000 square feet of gross floor area (any expansion or addition which causes the structure to exceed said limitation shall require that the entire structure meet the fire flow requirements, without the exception) calculated by determining the floor area within the outside perimeter of the exterior walls, including the usable area under the horizontal projection of the roof or floor above, and excluding eave projections of less than three (3) feet and interior courts, if such occupancy complies with at least one of the following:

(A) Said occupancy has a fire break as approved by the fire marshal and maintained by the owner-occupant.

(B) Said occupancy is on a lot equal to or greater than five irrigated acres.

(4) The following occupancies, if under 900 feet of gross floor area (calculated as described in this section): "B", "E", "F", "M", and "S2".

(b) All other structures shall be required to provide fire flow consistent with the Fire Code. (Ord. 2010-29, 11-2-10).

#### 9-1-5. Establishment of limits of districts in which storage of explosives and blasting agents is to be prohibited.

The storage of explosives and blasting agents as these terms are defined in the Fire Code is prohibited in the following areas:

All areas of Utah County lying East of the following line: Beginning at the intersection of the center of the right-of-way of Utah State Highway U-68 and the Utah County-Salt Lake County boundary line; thence Southerly along the center of the right-of-way to its intersection with the center of the right-of-way of Utah State Highway US-6; thence Easterly along the center of said right-of-way to its intersection with the center of the right-of-way of Utah State Highway I-15 at Santaquin City; thence Southerly along the center of said right-of-way to its intersections with the Utah County-Juab County boundary line;

plus, the storage of explosives and blasting agents is prohibited within one (1) mile of the municipal limits of any municipality, city or town. (Ord. 2010-29, 11-2-10).

#### 9-1-6. Appeals.

(a) Pursuant to Section 53-7-204 of the Utah Code Annotated, 1953 as amended, there is hereby created the Fire Code Board of Appeals of Utah County (the "Board") to hear and decide appeals of orders, decisions or determinations from the administration and enforcement of the Fire Code as adopted and amended herein. The members of the board shall be appointed by the Board of County Commissioners and shall serve until replaced or a resignation is accepted by the Commission. The Board shall consist of three members who are qualified by training and experience to pass on such code related matters pertaining to the Fire Code and are not employees of Utah County.

There must be a minimum of two members to form a quorum. The chair, or the acting chair, shall conduct all hearings and may administer oaths and compel the attendance of witnesses. The Secretary of the Community Development Department shall be the Secretary of the Board and shall keep minutes of the proceedings showing the vote of each member upon each question or, if absent or failing to vote, indicating such fact; and shall keep records of its examinations and other official actions. These minutes and records, along with the appeal application, written statements, and other facts bearing on the appeal and decision of the Board, shall be filed in the office of the Board and shall be public record.

The Secretary shall make a tape recording of the proceedings of the Board, and a transcription may be requested from the Secretary. The Board shall establish rules relating to such requests, including a reasonable compensation to be paid to the Secretary for making the transcription. The Secretary shall oversee the making of the transcript and shall be responsible for maintaining the integrity of the tape. Where more than one record exists or is purported to exist, a transcription caused to be prepared by the Secretary and certified to its accuracy before a notary public, shall be the official record of the proceedings of the Board.

(b) Any person or entity wishing to appeal a decision made in applying the Fire Code may commence such action by completing the standard forms and filing the forms in the office of the Secretary of the Board. The Secretary of the Board shall accept and process such forms only if they are properly completed and accompanied by the filing fee in the current amount set by the County Commission. Any appeal of a decision made in applying the Fire Code must be

properly filed within thirty (30) calendar days of the date of the contested decision, or it shall be time-barred and not heard.

(c) The Board shall fix a reasonable time for hearing the appeal and decide the same. The Board shall set a standard procedure for conducting public hearings and reviewing requests before the Board, which may include: reasonable limits of time in which appellants, respondents, and other parties may speak; sign-up sheets for those who wish to speak at the public hearing (and cut off times for adding names); deadlines for submitting written comment; and other rules needed to conduct a fair and orderly hearing. The decision of the Board shall be based upon the facts and not upon expressions of support or protest, or lack of support or protest, which may be made at the hearing. Any party may appear at the hearing in person or by agent or by attorney.

(d) An appeal shall be approved only when the Board finds that all of the forms, procedures, and rules have been completed and fully complied with. To reverse any order, requirement, decision, or determination made in administering or interpreting the Fire Code it shall require the concurring vote of a majority of the members of the Board hearing the matter. When an appeal is approved, the Board shall enter into the official minutes the specific reasons for approval, any conditions or limitations of the approval, and the names of those voting for and against. If the decision of the Board is to deny an appeal, the Board shall enter into the official minutes the specific reasons for denial and the names of those voting for and against.

(e) The Board shall not grant the relief appealed for unless it finds that all of the following standards have been met:

(1) Prior to filing the appeal with the Board, the Board shall lack jurisdiction and shall not hear the appeal unless, within ten (10) calendar days of the date of the decision being appealed, the appellant provided to the Code Official, or other person or entity which made the decision in question, a claim of error which fully sets forth a brief statement of the facts, and the nature of the claim of error.

Within fifteen (15) calendar days of the date of the decision being appealed, the Code Official, or other person or entity which made the decision in question may, but is not required to, respond in writing to the claim of error. The claim of error shall be deemed denied if the Code Official, or other person or entity which made the decision in question, fails to approve or deny the claim of error or otherwise respond. A copy of the claim of error, and any response received, shall be attached to the appeal application.

(2) If the Board finds that the claim of error was timely filed, the Board shall not grant the reversal or relief appealed for unless it finds that all of the following standards have been met:

(A) The appellant has filed a properly completed written application for appeal, which states with specificity the nature of the alleged error and how the appellant has been adversely affected by said alleged error.

(B) The application for appeal was properly filed with the Secretary of the Board twenty (20) calendar days or less after the date of the decision being appealed. This twenty (20) calendar day filing deadline is jurisdictional and the Board shall dismiss the appeal if the Board finds that the application for appeal filing deadline has not been met.

(C) The appellant is a party which was adversely affected by the subject decision applying the Fire Code.

(D) If the Board grants the appellant's request, the result will be consistent with the provisions of the Fire Code, and not waive or modify any of the terms or requirements thereof.

(E) The applicant has the burden of proving that an error was made; however, expressions of support or protest alone shall not constitute the basis of approval or denial.

(F) The Board shall presume that the order, requirement, decision, or determination made in the administration or determination of the Fire Code is valid; and determine only whether or not the order, requirement, decision, or determination is arbitrary, capricious, or illegal.

(G) An order, requirement, decision, or determination is valid if the decision is supported by substantial evidence in the record and is not arbitrary, capricious, or illegal.

(H) A determination of illegality requires a determination that the order, requirement, decision, or determination violates a law, statute, or ordinance in effect at the time the order, requirement, decision, or determination was made.

(J) If there is a record, the Board's review is limited to the record provided; and the Board may not accept or consider any evidence outside the record, unless that evidence was previously offered and it was improperly excluded. If there is no record, the Board may call witnesses and take evidence.

(f) After a decision has been made, the secretary shall file the written decision of the Board in the Community Development Office and mail a copy of the decision to the applicant at the address supplied in the application form. The decision of the Board shall

be deemed final at the time it is filed in the Community Development Office.

(g) Any person adversely affected by any decision of the Board may file a petition with the Fourth District Court for Utah County for a review of that decision. Any such appeal or petition shall be barred unless it is filed within twenty (20) calendar days of the date when the decision was filed in the Community Development Office. The petition shall be limited to the allegation that the decision of the Board was arbitrary, capricious, or illegal. The Board shall transmit to the reviewing court the complete record of its proceedings, including applications, exhibits, minutes, findings, orders, and any transcript of tape recordings which may be on file with the Board. The person or entity filing the petition for review shall request from the Secretary to the Board a verbatim transcript of the record and such person or entity shall pay the reasonable transcription fees as set by the Board. If there is a record, the review of the District Court is limited to the record, and the Court may not accept or consider evidence outside of the record unless it determines that such evidence was offered to the Board and improperly excluded. If there is no record, the Court may call witnesses and take evidence. The Court shall affirm the decision of the Board if the decision is supported by substantial evidence in the record. Filing a petition for review with the Court does not automatically stay the decision of the Board. Before filing the petition for review with the Court, the aggrieved party may petition the Board to stay its decision. The Board shall take action on any petition to stay only in a meeting where proper notice was given and where a quorum is present. Upon considering such petition to stay, the Board may grant the stay if it finds such to be in the best interests of the County. After filing a petition for review with the Court, the petitioner may seek from the Court an injunction staying the decision of the Board. No decision of the Board shall be subject to rehearing by the Board, except when remanded from a court of competent jurisdiction. (Ord. 2010-29, 11-2-10).

#### 9-1-7. Penalties.

Any property owner or other person, firm, corporation, partnership, or entity violating any of the provisions of this Chapter shall be deemed guilty of a Class B Misdemeanor; it shall be a separate offense for each and every day within which a violation of any provision of this Chapter is committed. Upon conviction, the violator shall be punished as provided by Section 1-1-9 of the Utah County Code. (Ord. 2010-29, 11-2-10).

### 9-1-8. Superseding conflicting ordinances.

Consistent with Section 53-7-106 of the Utah Code Annotated, 1953 as amended, should the provisions of the Fire Code be deemed to be in conflict with the requirements of another ordinance, the more restrictive regulations shall apply. (Ord. 2010-29, 11-2-10).

## Article 9-2. Fire Safety Permit

### 9-2-1. Permit required.

#### 9-2-1. Permit required.

Consistent with Section 53-7-204 of the Utah Code Annotated, 1953 as amended, which provides for the issuance of permits, no construction shall commence on any new building or structure, no building or structure shall be moved onto property, and no building or structure shall be occupied until a Fire Safety Permit therefore has been issued by the Utah County Fire Marshal stating the conditions under which the building has been approved according to the provisions adopted by this Chapter. (Ord. 2010-29, 11-2-10).

## Article 9-3. Open Fires

### 9-3-1. Regulations for open fires.

#### 9-3-2. Open fire permits.

#### 9-3-3. Open fire or smoking areas designated.

#### 9-3-1. Regulations for open fires.

Regulation for open fires shall be in accordance with the International Fire Code Section 307. (Ord. 2010-29, 11-2-10).

#### 9-3-2. Open fire permits.

(a) As provided in Section 53-7-204 of the Utah Code Annotated, 1953 as amended, the Fire Marshal may issue permits for open fires in a manner not inconsistent with Sections 11-7-1 or 19-2-114 of the Utah Code Annotated, 1953 as amended.

(b) Open fire permits shall be issued in accordance with International Fire Code Section 105.6.30. (Ord. 2010-29, 11-2-10).

#### 9-3-3. Open fire or smoking areas designated.

(a) The Fire Marshal may, and he is hereby authorized in his discretion to, designate places where it shall be lawful or unlawful to build open fires or to light, ignite or set fire to any tobacco, cigarette, pipe, cigar or other smoking device on private property, with the permission of the owner thereof, or upon any

public road, or within any public park, or upon any public land.

(b) The Fire Marshal may place or cause to be placed uniform signs or posters on or at such premises indicating the place or limits where such fires may be built and maintained, or where such smoking may take place, without further permit or permission; provided, however, that it shall be unlawful to leave or cause or permit to be left, any lighted tobacco or any fire burning in such place. Before leaving such place tobacco or fire shall be thoroughly extinguished and so completely covered with mineral earth in such manner as to adequately prevent such tobacco or fire from burning thereafter. (Ord. 2010-29, 11-2-10).

## Article 9-4. Fireworks Act

### 9-4-1. Conformance with the Utah Fireworks Act.

#### 9-4-1. Conformance with the Utah Fireworks Act.

(a) The Sections of this Article are intended to be adopted so as to conform to the Utah Fireworks Act, which comprises Sections 53-7-220 through 53-7-225 of the Utah Code Annotated 1953 (U.C.A.), as amended; all interpretations of this Article shall be made in accord with such Act.

(b) Rules, specifications, standards or requirements promulgated by the Utah State Fire Prevention Board are included and adopted and incorporated by reference. (Ord. No. 1998-15, 08-18-98)(Ord. 2010-29, 11-2-10).

## Article 9-5. General Fire Protection Standards.

### 9-5-1. Maintenance.

#### 9-5-1. Maintenance.

(a) The fire protection provisions required by the Fire Code and/or by this Chapter shall be maintained by property owner and/or the applicable homeowner's association as a condition of maintaining "adequate fire protection" in accordance with Section 11-7-1 of the Utah Code Annotated, and the protective covenants made with Utah County at the time of development approval.

(b) Any residential alarm system shall be the responsibility of the owner to be maintained in proper operating order. After a maximum of two recorded false alarms from an alarm company or local alarm during any twelve month period, the owner shall be responsible for costs of fire department and/or law enforcement response. (Ord. 2010-29, 11-2-10).

## Article 9-6. Urban/Wildland Interface Areas.

### 9-6-1. Scope.

### 9-6-2. Access.

### 9-6-3. Emergency Water Supplies.

### 9-6-4. Structural Design and Construction.

### 9-6-5. Manufactured Homes.

### 9-6-6. Vegetative Clearance.

### 9-6-7. Storage of Firewood and Combustible Materials.

### 9-6-8. Fireworks

### 9-6-1. Scope.

This Article applies to "Large Scale Developments" which include: Recreational Resorts, Mountain Home Developments and Subdivisions in the Urban/Wildland Interface lands, and structures not included within a platted Large Scale Development. The specific needs for fire prevention in these high fire prone areas are provided in addition to other building requirements. The unincorporated areas of Utah County which will be subject to the regulations of this Article are delineated on the overlay map in Appendix "A" of this Code. The provisions of both Articles 5 and 6 of this Chapter shall apply to all areas of the Urban Interface shown in Appendix A.

### 9-6-2. Access.

(a) Driveways. Driveways shall be provided when any portion of an exterior wall of the first story of a building is located more than 150 feet from a fire apparatus access road. Driveways shall provide a minimum unobstructed width of 12 feet and a minimum of unobstructed width of 12 feet and a minimum unobstructed height of 13 feet 6 inches. Driveways in excess of 150 feet in length shall be provided with turnarounds. Driveways in excess of 200 feet in length and less than 20 feet in width shall be provided with turnouts in addition to turnarounds.

A driveway shall not serve in excess of five (5) dwelling units.

Driveway turnarounds shall have inside turning radii of not less than 30 feet and outside turning radii of not less than 45 feet. Driveways that connect with a road or roads at more than one (1) point may be considered as having a turnaround if all changes of direction meet the radii requirements for driveway turnarounds.

(b) Grade. The gradient for fire apparatus access roads and driveways shall not exceed the maximum approved by the code official. It will be up to the code official to ascertain the maximum grade based on specifications of the fire equipment providing fire

protection, provided that the maximum grade shall not exceed ten percent (10%) unless a steeper grade is approved by the fire chief. (Ord. 2010-29, 11-2-10).

### 9-6-3. Emergency Water Supplies.

(a) Notwithstanding Section 508 and Appendix B of the International Fire Code and because of a greater exposure of fire in Urban Interface areas, an approved water supply capable of supplying the required fire flow for fire protection shall be provided to all premises upon which facilities, buildings, or portions of buildings are hereafter constructed or moved into clustered large scale developments in the Urban Interface.

(b) The minimum fire flow and flow duration requirements for a one family dwelling having a fire area which does not exceed 3,600 square feet shall be 1,000 gallons per minute for two hours. The fire flow for structures greater than 3,600 square feet shall be determined by the Fire Marshal using the International Fire Code as a guide.

(c) A reduction in required fire flow of up to 75 percent, as approved by the Fire Marshal, is allowed when the building is provided with a fire extinguishing system in accordance with Appendix B sections B103 and B105 of the International Fire Code, or is provided with an approved automatic sprinkler system, and when an adequate vegetation clearance is maintained. Fire flow shall comply with the National Fire Protection Association (N.F.P.A.) 13D requirements in large scale developments.

(d) The above restrictions shall not apply to any dwelling outside of a Large Scale Development which is in the Urban Interface and is provided with a fire break as defined herein and as such firebreak is maintained by the owner-occupants. Also excluded are any "B", "E", "F", "M", and "S2" occupancies under 900 square feet and farm buildings.

(e) Water storage supplies shall likewise be calculated to provide the required daily culinary supply for each building lot plus the required fire flow for the building having the greatest demand.

(f) The fire flow requirements of this section shall not be applied in developments approved prior to September 15, 1978. Facilities, buildings, and structures constructed or expanded after the effective date of this paragraph, in said developments, which fail to comply with the emergency water requirements of this section shall not exceed 1800 square feet of Floor Area as defined by the International Fire Code unless a fire extinguishing system in accordance with Section 904 of the International Fire Code or listed automatic sprinkler system in accordance with 9-6-5 is installed or adequate fire flow is provided. (Ord. 2010-29, 11-2-10).

**9-6-4. Structural design and Construction.**

The International Fire Code is hereby amended to include the following provisions:

(a) Structures shall not be constructed on slopes exceeding thirty percent (30%).

(b) All new homes and all new construction which constitutes more than a 50% expansion of an existing dwelling that are required to have automatic sprinkler protection shall comply with the National Fire Protection Association (N.F. P.A.) 13D requirements, modified as follows:

(1) Provide Fire Sprinklers in all garages, and mechanical (furnace) rooms.

(2) Provide Fire Sprinklers in covered decks and walkways greater than 4 feet wide.

(3) All remodeling of existing homes shall provide fire protection devices consistent with or superior to the fire protection standards of the existing non-conforming use.

(c) Roof coverings shall be constructed of UL listed Class A materials in accordance with the International Building Code, or shall be constructed of an approved noncombustible roof covering. No wood roof coverings are permitted in the Urban Interface. For roof coverings where the provide allows a space between the roof covering and roof decking, the space at the eave ends shall be firestopped to preclude entry of flames or embers. When one-half (½) or more of an existing non conforming roof covering needs to be replaced, the entire roof shall be brought into compliance with this code.

(d) Protection of eaves. Combustible eaves, fascias and soffits shall be enclosed with solid materials with a minimum thickness of 3/4 inch. No exposed rafter tails shall be permitted unless constructed of heavy timber materials.

(e) Gutters and downspouts. Gutters and downspouts shall be constructed of noncombustible material.

(f) Exterior walls. The exterior side walls of buildings or structures shall be constructed with approved non-combustible materials or with materials approved for a minimum of 1- hour fire-resistance-rated construction installed over an approved non-combustible backing. Such material shall extend from the top of the foundation to the underside of the roof sheathing. When one-half or more of an existing non-conforming exterior wall needs to be replaced, the entire exterior wall shall be brought into compliance with this code.

Exception: Heavy timber or log wall construction, with a minimum thickness of 8 inches.

(g) Unenclosed underfloor protection. Buildings or structures shall have all underfloor areas enclosed to

the ground, with exterior walls in accordance with Section 9-6-4(f).

Exception: Complete enclosure may be omitted where the underside of all exposed floors and all exposed structural columns, beams and supporting walls are protected as required for exterior 1-hour fire-resistance-rated construction or heavy timber construction, or are protected by an approved outside sprinkler system.

(h) Appendages and projections. Unenclosed accessory structures attached to buildings with habitable spaces and projections, such as decks, shall be a minimum of 1-hour fire-resistance-rated construction, heavy timber construction, constructed with approved noncombustible materials, or protected by an approved outside sprinkler system.

When the attached structure is located and constructed so that the structure or any portion thereof projects over a descending slope surface greater than 10 percent, the area below the structure shall have all underfloor areas enclosed to within 6 inches of the ground, with exterior wall construction in accordance with Section 9-6-4(f), or shall be protected by an approved outside sprinkler system.

(i) Exterior glazing. Exterior windows, window walls and glazed doors, windows within exterior doors, and skylights shall be tempered glass, multilayered glazed panels, glass block or have a fire-protection rating of not less than 20 minutes.

(j) Exterior doors. Exterior doors shall be approved non-combustible construction, solid core wood not less than 1 3/4-inches thick, or have a fire protection rating of not less than 20 minutes. Windows within doors and glazed doors shall be in accordance with Section 9-6-4(i).

Exception: Vehicle access doors.

(k) Vents. Attic ventilation openings, foundation or underfloor vents or other ventilation openings in vertical exterior walls and vents through roofs shall not exceed 144 square inches each. Such vents shall be covered with noncombustible corrosion-resistant mesh with openings not to exceed 1/4 inch. Attic ventilation openings shall not be located in soffits, in eave overhangs, between rafters at eaves, or in other overhang areas. Gable end and dormer vents shall be located at least 10 feet from property lines. Underfloor ventilation openings shall be located as close to grade as practical.

(l) Detached accessory structures. Detached accessory structures located less than 50 feet from a building containing habitable space shall have exterior walls constructed with materials approved for a minimum of 1-hour fire-resistance-rated construction, heavy timber, log wall construction, or

constructed with approved noncombustible material on the exterior side.

When the detached structure is located and constructed so that the structure or any portion thereof projects over a descending slope surface greater than 10 percent, the area below the structure shall have all underfloor areas enclosed to within 6 inches of the ground, with exterior wall construction in accordance with Section 9-6-4(f) or underfloor protection in accordance with Section 9-6-4(g).

Exception: The enclosure may be omitted where the underside of all exposed floors and all exposed structural columns, beams and supporting walls are protected as required for exterior 1-hour fire-resistance-rated construction or heavy timber construction.

See Section 9-6-4(c) for roof requirements. (Ord. 2010-29, 11-2-10).

#### 9-6-5. Manufactured Homes.

Where manufactured homes are permitted, they shall meet all applicable construction and safety standards and shall be provided with full skirting constructed of noncombustible materials. Any porches and sun-decks shall be constructed of non-combustible or listed fire-retardant materials.

#### 9-6-6. Vegetative Clearance.

(a) Notification. The Utah County Fire Marshal shall be notified, in writing, and a site plan submitted for approval before development or construction of any structure commences so that vegetation can be evaluated and ample clearance around structure(s) can be determined.

(b) Minimum Requirements. Unless otherwise specified by the Fire Marshal, minimum vegetation clearance will be as follows:

(1) Clusters. Each cluster shall be located to provide a fire break of a width of 100 feet or more, depending on topography and fuels, constructed around the development. This area shall be free of all dead and downed material. Mature trees within the break shall be pruned up to a minimum of six feet above the ground so that no limbs are contiguous with ground fuels. The remaining ground vegetation shall be trimmed not to exceed 6 inches in height.

(2) Structures. Vegetation shall be cleared and maintained to a maximum of 4 in. in height within 30 ft. of the structure and a maximum of 18 in. from 30 to 50 feet. Areas beyond 50 feet shall be determined by the Fire Marshal.

(3) Trees. Trees within 50 feet of a structure shall comply with the following:

(A) Canopies shall be a minimum of 10 feet apart.  
(B) Canopies shall not be permitted to extend within 10 feet from under eaves, decks, or balconies or chimney openings.

(C) Trees within 50 feet of a structure shall be pruned to a height of 10 feet above the ground, trees less than 35 feet in height shall have the lower half pruned.

(D) All trees within 50 feet of a structure shall be kept free of dead or dying materials.

(4) Dead Vegetative Material. All dead vegetative material shall be removed and maintained clear within 50 ft. of any structure.

(5) Propane or Fuel tanks. Ground vegetation around tanks shall be maintained no higher than 4 inches for a minimum of 10 foot radius. Trees and brush shall be trimmed maintaining a minimum of three feet above the tank.

(6) Fire Hydrants. Vegetation or other obstructions shall be maintained below 4 inches high. Clearance shall be provided three feet on all sides of the hydrant and extend to the roadway.

(7) Disposal of Flammable Vegetation and Fuels. Disposal, including chipping, burying, or removal to an approved landfill shall be completed prior to final inspection of a building permit. Open Burning of these materials is prohibited.

#### (c) Outdoor Fires.

(1) No person shall build, ignite or maintain any outdoor fire of any kind for any purpose in or on any Urban-Wildland Interface area, except by the authority of a written permit from the code official.

Exception: Outdoor fires within inhabited premises or designated campsites where such fires are in a permanent barbecue, portable barbecue, outdoor fireplace, incinerator or grill and are a minimum of thirty 30 feet from any combustible material or nonfire-resistive vegetation.

Restrictions: No person shall use a permanent barbecue, portable barbecue, outdoor fireplace or grill for the disposal of rubbish, trash or combustible waste material.

Incinerators, outdoor fireplaces, permanent barbecues and grills shall not be built, installed or maintained in Urban-Wildland Interface areas without approval of the code official.

Openings in such appliances shall be provided with an approved spark arrestor, screen or door.

(2) The pile of fuel to be burned in the fire area for recreational fires shall not be larger than 3feet in diameter and 2feet high.

(3) A garden hose connected to a water supply or other approved fire-extinguishing equipment shall be readily available for use at recreational fires.

(4) Recreational fires are required to be constantly attended by a person knowledgeable in the use of the fire-extinguishing equipment. The attendant shall supervise the burning material until the fire has been extinguished. (Ord. 2010-29, 11-2-10).

#### 9-6-7 Storage of Firewood and Combustible Materials.

(a) General. Firewood and combustible material shall not be stored in unenclosed spaces beneath buildings or structures, or on decks or under eaves, canopies or other projections or overhangs. When required by the code official, storage of firewood and combustible material stored in the defensible space shall be located a minimum of thirty (30) feet from structures and separated from the crown of trees by a minimum horizontal distance of fifteen (15) feet.

(b) Storage for off-site use. Firewood and combustible materials not for consumption on the premises shall be stored so as to not pose a hazard.

#### 9-6-8 Fireworks

Fireworks shall not be used or possessed in Urban-Wildland Interface areas. (Ord. 2010-29, 11-2-10).

### Article 9-7. Hazardous Materials

9-7-1. Definitions as used in this section.

9-7-2. Recovery of expenses.

9-7-1. Definitions as used in this section.

(a) The definition of terms used herein are intended to be consistent with Title 29, Chapter XVII, Part 1910, Subpart Z, Section 1910.1200(c) of the Code of Federal Regulations.

(b) Hazardous Material - Hazardous chemical means any chemical which is a physical hazard or a health hazard.

(1) Health Hazard means a chemical, mixture of chemicals or a pathogen for which there is statistically significant evidence based on at least one study conducted in accordance with established scientific principles that acute or chronic health effects may occur in an exposed individual. The term "health hazard" includes chemicals which are carcinogens, toxic or highly toxic agents, reproductive toxins, irritants, corrosives, sensitizers, hepatotoxins, nephrotoxins, neurotoxins, agents which act on the hematopoietic system, and agents which damage the lungs, skin, eyes, or mucous membranes. It also includes stress due to temperature extremes.

(2) Physical Hazard means a chemical for which there is scientifically valid evidence that it is a combustible liquid, a compressed gas, explosive,

flammable, an organic peroxide, an oxidizer, pyrophoric, unstable (reactive) or water-reactive.

(c) Hazardous Material Incident - A sudden and unexpected release or threat of release of any substance that because of its quantity, concentration, or physical, chemical, or infectious characteristics presents a direct threat to health, public safety, the environment, or property.

(d) Expenses - Direct and indirect costs of labor, equipment, administrative overhead, governmental agencies, private contractors, contract labor and materials, disposable and damaged items associated with the response, containment, control, and mitigation of a hazardous material incident. (Ord. No. 1994-07, 4-25-94)

9-7-2. Recovery of expenses.

(a) Utah County, by and through its County Commission, may recover from those persons whose actions caused the costs of a hazardous materials emergency response incurred by Utah County or any of its agencies directly associated with the response to a hazardous materials incident taken under authority of this chapter or any other applicable law.

(b) The payment of expenses under this subsection does not constitute an admission of liability or negligence in any legal action for damages.

(c) Utah County may obtain assistance from the Utah State Attorney General or a municipal attorney of the affected jurisdiction to assist Utah County in recovering expenses and legal fees.

(d) Any recovered costs shall be deposited in the general fund of Utah County. (Ord. No. 1994-07, 4-25-94)

