

**ORDINANCE NUMBER 1420**

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF PERRIS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA AMENDING SPECIFIED CHAPTERS OF TITLE 16 OF THE PERRIS CITY CODE TO ADOPT THE 2022 EDITIONS OF THE CALIFORNIA MODEL CODES, CALIFORNIA BUILDING CODE VOLUMES 1 & 2, CALIFORNIA PLUMBING, MECHANICAL, ELECTRICAL CODES, CALIFORNIA FIRE CODE, THE CALIFORNIA EXISTING BUILDING CODE, CALIFORNIA HISTORICAL BUILDING CODE, CALIFORNIA RESIDENTIAL CODE, CALIFORNIA REFERENCED STANDARDS CODE, CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA ENERGY CODE, CALIFORNIA ADMINISTRATIVE CODE AND RELATED REFERENCE STANDARDS CODES WITH APPENDICES, ICC VALUATION TABLES AND AMENDMENTS THERETO**

**WHEREAS**, Health and Safety Code Section 17958 provides that the City of Perris shall adopt Ordinances and regulations imposing the same or modified or changed requirements as are contained in the regulations adopted by the State pursuant to Health and Safety Code Section 17922; and

**WHEREAS**, the State of California is mandated by Health and Safety Code Section 17922 to impose the same requirements as are contained in the most recent edition of the California Building Code, the California Residential Code, California Fire Code, California Existing Building Code, the California Green Code, the California Energy Code, the Administrative Code and Related Reference Standards, the California Historical Code, the California Plumbing Code, the California Mechanical Code, and the California Electrical Code (herein after referred to collectively as "Codes"); and

**WHEREAS**, Health and Safety Code Section 17958.5(a) permits the City to make modifications or changes to the Codes, which are reasonably necessary because of local climatic, geographic or topographic conditions; and

**WHEREAS**, Health and Safety Code Section 17958.7 requires that the City Council, before making any modifications or changes to the Codes, shall make an express finding that such changes or modifications are reasonably necessary because of local climatic, geographic or topographic conditions; and

**WHEREAS**, the Development Services Department has recommended that changes and modifications be made to the Codes and have advised that certain said changes and modifications to the California Building Code, Volumes 1 & 2, 2022 Edition and the California Plumbing Code, 2022 Edition and the California Mechanical Code, 2022 Edition, the California Electrical Code, 2022 Edition, the 2022 California Fire Code, The 2022 California Residential Code, Green Building, Energy, and Administrative Code are reasonably necessary due to local conditions in the City of Perris as follows:

- a) The City is subject to relatively low amounts of precipitation, very low humidity levels and extremely high temperatures. These climatic conditions are conducive to the spread of fire. For example during July, August and September, temperatures often exceed 100 degrees Fahrenheit. During the same months' humidity is usually less than 40% and humidity measurements less than 10% are not uncommon. These conditions contribute to an increased likelihood of fire. Moreover, minor fires have a greater tendency of spreading rapidly due to such conditions.
- b) The City is subject to extremely strong winds, commonly referred to as the "Santa Ana Winds", which reach speeds in excess of 80 miles per hour. Extensive damage often occurs during such winds including downed trees, utility poles, utility circuits and utility service lines. These adverse conditions can cause: (1) fires, (2) impairment to emergency apparatus access, (3) delays in response times of emergency apparatus: and (4) the depletion of apparatus readily available for fire suppression activities. These windstorms commonly last from three to seven days.
- c) The City's neighboring foothills create a unique fire hazard. This is because Fire Service is provided by both the County of Riverside and the California Division of Forestry. Fire units from both Fire Departments are often sent to assist in the extinguishment of fast moving and wind assisted fires in the neighboring foothills.
- d) The City is located in an area, which due to its climate, geology, and topography is highly susceptible to fires, strong winds, low precipitation and seismic activity making necessary the adoption of additional requirements to ensure the City's residential, commercial, and industrial building stock is designed, preserved and maintained in such a condition as to protect the safety of its residents.
- e) The City is located in Southern California, in an extremely active seismic region, with high levels of historic earthquake activity in the recent past and can be expected to experience significant strong seismic activity within the foreseeable future.

***NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF PERRIS DOES HEREBY ORDAIN AS FOLLOWS:***

***Section 1.*** The above recitals are all true and correct and incorporated herein by this reference.

***Section 2.*** The City Council of the City of Perris ("City") is informed and finds that it is reasonably necessary to amend the 2022 California Building Standards Code, known as the California Code of Regulations, Title 24; the California Building Code Volumes 1 & 2, Plumbing, Mechanical, Residential, Existing, Electrical, Green, Fire

Codes, Energy, the California Existing Building Code, and the California Administrative Code; to meet the particular climatic, geological and topographical conditions existing in the City. These climatic, geological and topographical conditions include, but are not limited to the following conditions:

- a. The City is subject to relatively low amounts of precipitation, very low humidity levels and extremely high temperatures. These climatic conditions are conducive to the spread of fire. For example during July, August and September, temperatures often exceed 100 degrees Fahrenheit. During the same months' humidity is usually less than 40% and humidity measurements less than 10% are not uncommon. These conditions contribute to an increased likelihood of fire. Moreover, minor fires have a greater tendency of spreading rapidly due to such conditions.
- b. The City is subject to extremely strong winds, commonly referred to as the "Santa Ana Winds", which reach speeds in excess of 80 miles per hour. Extensive damage often occurs during such winds including downed trees, utility poles, utility circuits and utility service lines. These adverse conditions can cause: (1) fires, (2) impairment to emergency apparatus access, (3) delays in response times of emergency apparatus: and (4) the depletion of apparatus readily available for fire suppression activities. These windstorms commonly last from three to seven days.
- c. The City's neighboring foothills create a unique fire hazard. This is because Fire Service is provided by both the County of Riverside and the California Division of Forestry. Fire units from both Fire Departments are often sent to assist in the extinguishment of fast moving and wind assisted fires in the neighboring foothills.
- d. The City is located in an area, which due to its climate, geology, and topography is highly susceptible to fires, strong winds, low precipitation and seismic activity making necessary the adoption of additional requirements to ensure the City's residential, commercial, and industrial building stock is designed, preserved and maintained in such a condition as to protect the safety of its residents.
- e. The City is located in Southern California, in an extremely active seismic region, with high levels of historic earthquake activity in the recent past and can be expected to experience significant strong seismic activity within the foreseeable future.

**Section 3.** The City Council has reviewed and considered the environmental information included in the staff report and accompanying attachments. Based on the analysis of the project the City Council finds the adoption of this ordinance is exempt from the requirements of the California Environmental Quality Act ("CEQA") because: (1) it does not constitute a "project" under CEQA Guidelines Section 15378(b)(2) in that it constitutes general policy and procedure making; (2) it does not constitute a "project" under CEQA Guidelines Section 15378(b)(5) in that it has no potential for resulting in physical change to the environment, either directly or indirectly, and (3) in the alternative, it is exempt from CEQA

pursuant to CEQA Guidelines Section 15060(c)(2), since the activity will not result in direct or reasonably foreseeable indirect physical change in the environment, and Section 15061(b)(3), since it can be seen with certainty that there is no possibility that this Ordinance will have a significant effect on the environment, because the Ordinance merely provides regulations for the construction of buildings in the City without committing to any particular project.

**Section 4.** The City Council hereby approves the amendments to the Perris City Code, based on the information and findings presented in the staff report.

**Section 5.** Sections 16.08.050 through 16.08.051 of Article I of Chapter 16.08 of Title 16 of the Perris City Code are hereby repealed in their entirety, and new Sections 16.08.050 through 16.08.051 of Article I of Chapter 16.08 of Title 16 are hereby added in place thereof to read as follows:

#### **SECTION 16.08.050 ADOPTION OF THE 2022 CALIFORNIA BUILDING CODE**

Except as provided in this chapter, those certain building codes known and designated as the California Building Code 2022 Edition Volumes 1 and 2 including Appendix Chapters A, C, F, G, H, I, J, and P, based on the 2021 International Building Code as published by the International Code Council, shall become the building codes of the City for regulating the erection, construction, enlargement, alteration, repair, moving, removal, demolition, conversion, occupancy, equipment, use, height, area and maintenance of all buildings and/or structures in the City. The California Building Code and its appendix chapters will be on file for public examination in the office of the Building Official and the City Clerk's office.

#### **SECTION 16.08.051 AMENDMENTS TO THE CALIFORNIA BUILDING CODE**

The 2022 California Building Code is hereby amended as follows:

Section 202, General Definitions, is hereby amended by adding the following definitions:

FLOOR AREA. FIRE SPRINKLER. For the purpose of calculating square footage for application of fire sprinkler requirements, the floor area shall be determined in accordance with the CBC definition for "Floor Area, Gross".

### **Chapter 9**

#### **(Fire Protection Systems)**

Section 903.2, where required, is hereby amended as follows:

903.2 Where required. Approved automatic sprinkler systems in new buildings and structures shall be provided in the locations described in this section as follows:

a) New buildings: In addition to the requirements of Sections 903.2.1 through 903.2.12 and Sections 903.2.14 through 903.2.21 approved automatic sprinkler systems in new buildings and structures shall be provided when the gross area of the building exceeds 3,500 sf or is more than two-story high.

Exception: Group R-3, occupancies shall comply with sections 903.2.8.

1. The elimination of sprinkler protection in the following areas are subject to approval by Fire Code Official. Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided those spaces or areas are equipped throughout with an automatic fire alarm system and are separated from the remainder of the building by fire barriers consisting of not less than 1-hour fire-resistance-rated walls and 2-hour fire-resistance-rated floor/ceiling assemblies.
  2. Open parking garages in accordance with Section 406.5 of the California Building Code.
- b) Alteration: When the floor area of the Alteration within any two-year period exceeds 75% of area of the existing structure and the alteration includes structural modifications other than seismic upgrade.
- c) Addition: Sprinkler protection shall be provided throughout the entire building when:
1. Existing building less than 3,500: where 33% or more is added and the gross floor areas exceeds 3,500 square feet.
  2. Existing building equal or greater than 3,500 ft<sup>2</sup>: where more than 2,000 ft<sup>2</sup> is added.

Section 903.2.8, Group R, is hereby amended as follows:

903.2.8 An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area as follows:

1. New buildings: An automatic sprinkler system shall be installed throughout all new buildings.

2. Existing buildings: An automatic sprinkler system shall be installed throughout when one of the following conditions exists:
  - a) When an addition is 33% or more of the existing building area, as defined in Section 502.1, and greater than 1000 square feet (92.903 tru) within a two-year period; or
  - b) An addition when the existing building is already provided with automatic sprinklers; or
  - c) When an existing Group R Occupancy is being substantially renovated, and where the scope of the renovation is such that the Building Code Official determined that the complexity of installing a sprinkler system would be similar as in a new building.

Section 903.4. Sprinkler system supervision and alarms, is hereby amended by deleting exceptions items 5 and 8, and renumbering the Exceptions as follows:

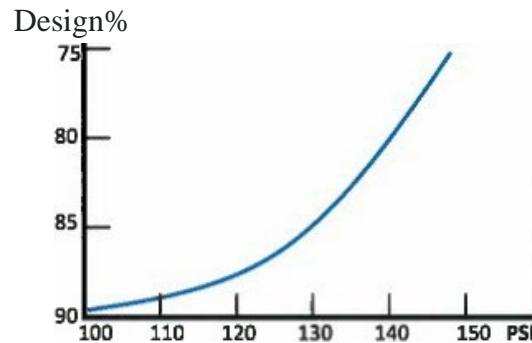
1. Automatic sprinkler systems protecting one- and two-family dwellings. Exterior alarm specified by Section 903.4.2 shall apply.
2. Limited area systems serving in accordance with section 903.3.8
3. Automatic sprinkler systems installed in accordance with NFPA 13R where a common supply main is used to supply both domestic water and the automatic sprinkler system and a separate shutoff valve for the automatic sprinkler system is not provided.
4. Jockey pump control valves that are sealed or locked in the open position.
5. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position.
6. Trim valves to pressure switches in dry, pre-action and deluge sprinkler systems that are sealed or locked in the open position.

Section 903.3.5.3 (Hydraulically calculated systems). This section is hereby added as follows:

Hydraulically calculated systems. The design of hydraulically calculated fire sprinkler systems shall not exceed 90% of the water supply capacity.

Exception: When static pressure exceeds 100 psi, and required by the Fire Code Official, the fire sprinkler system shall not exceed water supply capacity specified by Table 903.3.5.3

TABLE 903.3.5.3  
Hydraulically Calculated Systems



Section 904.3.5 Monitoring is hereby revised as follows:

[F] 904.3.5 Monitoring. Where a building fire alarm or monitoring system is installed, automatic fire-extinguishing systems shall be monitored by the building fire alarm or monitoring system in accordance with NFPA 72.

Section 905.4 Location of Class I standpipe hose connections is hereby amended by adding items 7 as follows:

The centerline of the 2.5-inch (63.5 mm) outlet shall be no less than 18 inches (457.2 mm) and no more than 24 inches above the finished floor.

Section 912.2 Location of the Fire Department Connection (FDC) is hereby amended as follows:

Section 912.2 Location. With respect to hydrants, driveways, buildings and landscaping, fire department connections shall be so located that fire apparatus and hose connected to supply the system will not obstruct access to the buildings for other fire apparatus. The location of fire department connection shall be located within 100 feet of a public fire hydrant. The fire hydrant that supports the FDC shall be on the same side of the street. A vehicle access roadway/approach shall not be placed between the FDC and fire hydrant.

Table 1505.1 is hereby amended, by the deletion of Table 1505.1 and the addition of a new Table 1505.1 thereto, to read as follows:

TABLE 1505.1

MINIMUM ROOF COVERING  
CLASSIFICATIONS TYPES OF  
CONSTRUCTION

IA	IB	IIA	IIB	IIIA	IIIB	IV	VA	VB
B	B	B	B	B	B	B	B	B

For SI: 1 foot = 304.8 mm, 1 square foot = 0.02921112.

a. Unless otherwise required in accordance with Chapter 7A.

Section 1505.1.3 is hereby amended, by the deletion of the entire section and the addition of a new section thereto, to read as follows:

1505.1.3 Roof coverings within all other areas. The entire roof covering of every existing structure where more than 50 percent of the total roof area is replaced within any one-year period, the entire roof covering of every new structure, and any roof covering applied in the alteration, repair or re- placement of the roof of every existing structure, shall be a fire-retardant roof covering that is at least "Class B."

Section 1505.5 is hereby amended, by the deletion of the entire section without replacement.

Section 1505.7 is hereby amended, by the deletion of the entire section without replacement.

Section 3109 SWIMMING POOLS, SPAS AND HOT TUBS of Chapter 31 of the Building Code is amended as follows:

SECTION 3109.2 of the Building Code is amended by adding a new definition of "Barrier", to read as follows:

"Barrier. A fence, wall, building wall or combination thereof that completely surrounds the swimming pool and obstructs access to the swimming pool."

a) Section 3109.2 of the Building Code is amended to read as follows:

"115923 b Barrier Height and Clearances. The top of the barrier shall be at least seventy-two (72) inches above

grade measured on the side of the barrier that faces away from the swimming pool.

- b) Section 3109.2.1 of the Building Code is amended to read as follows: by adding a new sub-section f:

115923-f Gates. Access gates shall comply with the requirements of this section and shall be equipped to accommodate a locking device.

Pedestrian access gates shall open outward away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device and shall be equipped with lockable hardware or padlocks and shall remain locked at all times when not in use. Release mechanisms shall be in accordance with Sections 1010.1.9 and 1109.13. Where release mechanisms of the self-latching device are located less than sixty (60) inches above grade measured on the side of the barrier that faces away from the swimming pool, the release mechanism shall be located on the pool side of the gate at least three (3) inches below the top of the gate and the gate barrier shall have no opening greater than one-half (1/2) inches within eighteen (18) inches of the release mechanism.

#### **Amendments to the 2022 California Residential Code.**

- a) **Section R313.1** is modified by deleting it in its entirety and replacing it with the following:

**R313.1 Townhouse automatic fire sprinklers systems.** An automatic residential fire sprinkler system shall be installed in Townhouses as follows:

**New buildings:** An automatic sprinkler system shall be installed throughout all new buildings, and Accessory Dwelling Units.

**Existing buildings:** An automatic sprinkler system shall be installed throughout when one of the following conditions exists:

1. When an addition is 33% or more of the existing building area as defined in Section 502.1, and greater than 1000 square feet (92.9003 llll) within a two-year period; or
2. An addition when the existing building is

already provided with automatic sprinklers; or

3. When an existing Group R Occupancy is being substantially renovated, and where the scope of the renovation is such that the Building Code Official determines that the complexity of installing a sprinkler system would be similar as in a new building.

- b) **Section R313.2** is modified by deleting it in its entirety and replacing it with the following:

**R313.2** One- and two-family dwellings automatic fire sprinklers systems. An automatic residential fire sprinkler system installed in one- and two-family dwellings as follows:

**New buildings:** An automatic sprinkler system shall be installed throughout all new buildings.

**Existing buildings:** An automatic sprinkler system shall be installed throughout when one of the following conditions exists:

1. When an addition is 33% or more of the existing building area as defined in Section 502.1t and greater than 1000 square feet (92.90031lll) within a two year period; or
2. An addition when the existing building is already provided with automatic sprinklers; or
3. When an existing Group R Occupancy is being substantially renovated and where the scope of the renovation is such that the Building Code Official determines that the complexity of installing a sprinkler system would be similar as in a new building.

- c) **Section R902.1** is amended by revising it to allow only Class A or B roofs as follows:

**R902.1 Roofing covering materials.** Roofs shall be covered with materials as set forth in Sections R904 and R905. A minimum Class A or B roofing shall be installed in areas designated by this section. Classes A or B roofing required by this section to be listed shall be tested

in accordance with UL 790 or ASTM E 108.

Exceptions:

1. Class A roof assemblies include those with coverings of brick masonry and exposed concrete roof deck.
2. Class A roof assemblies also include ferrous or copper shingles or sheets metal sheets and shingles clay or concrete or tile or slate installed on noncombustible decks.
3. Class A roof assemblies include minimum 16 ounces per square foot copper sheets installed over combustible decks.
4. Class A roof assemblies include slate installed over underlayment over combustible decks.

- d) **Section R902.1.2** is amended by revising it to require a minimum Class A roof as follows:

R902.1.2 Roof coverings within all other areas. The entire roof covering of every existing structure where more than 50 percent of the total roof area is replaced within any one-year period, the entire roof covering of every new structure, and any roof covering applied in the alteration, repair or replacement of the roof of every existing structure, shall be a fire-retardant roof covering that is at least Class A.

- e) **Section R902.2**, first paragraph is amended by revising it to allow only Class A treated wood roofs as follows:

**R902.2 Fire-retardant-treated shingles and shakes.** Fire-retardant-treated wood shakes and shingles are wood shakes and shingles complying with UBC Standard 15- 3 or 15-4 which are impregnated by the full-cell vacuum-pressure process with fire- retardant chemicals, and which have been qualified by UBC Standard 15-2 for use on Class A or B roofs.

**Section 6.** Sections 16.08.052 through 16.08.053 of Article II of Chapter 16.08 of Title 16 of the Perris City Code are hereby repealed in their entirety, and new Sections 16.08.052 through 16.08.053 of Article II of Chapter 16.08 of Title 16 are hereby added in place thereof to read as follows:

## **CHAPTER 2 MECHANICAL CODE**

### **SECTION 16.08.052 ADOPTION OF 2022 EDITION OF THE CALIFORNIA MECHANICAL CODE**

Except as provided in this chapter, the California Mechanical Code, 2022 Edition based on the 2021 International Mechanical Code as published by the IAMPO, shall be and become the Mechanical Code of the City, regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance of heating, ventilating, cooling, refrigeration systems, incinerators and other miscellaneous heat producing appliances. The California Mechanical Code is on file for public examination in the office of the Building Official.

### **SECTION 16.08.053 AMENDMENTS TO THE CALIFORNIA MECHANICAL CODE**

The 2022 Edition of the California Mechanical Code is hereby adopted with no amendments.

*Section 7.* Sections 16.08.054 through 16.08.055 of Article IV of Chapter 16.08 of Title 16 of the Perris City Code are hereby repealed in their entirety, and new Sections 16.08.054 through 16.08.055 of Article IV of Chapter 16.08 of Title 16 are hereby added in place thereof to read as follows:

## **CHAPTER 3 PLUMBING CODE**

### **SECTION 16.08.054 ADOPTION OF 2022 EDITION OF THE CALIFORNIA PLUMBING CODE**

Except as provided in this chapter, the California Plumbing Code, 2022 Edition, based on the 2021 Uniform Plumbing Code including Appendix Chapter K & I, as published by the International Association of Plumbing and Mechanical Officials, shall be and become the Plumbing Code of the City of Perris, regulating erection, installation, alteration, repair, relocation, replacement, maintenance or use of plumbing systems within the City. The California Plumbing Code will be on file for public examination in the office of the Building Official.

### **SECTION 16.08.055 AMENDMENTS TO THE CALIFORNIA PLUMBING CODE**

The 2022 Edition of the California Plumbing Code is hereby adopted with no amendments.

*Section 8.* Sections 16.08.056 through 16.08.059 of Article II of Chapter 16.08 of Title 16 of the Perris City Code are hereby repealed in their entirety, and new Sections 16.08.056 through 16.08.059 of Article II of Chapter 16.08 of Title 16 are hereby added in place thereof to read as follows:

### **SECTION 16.08.056 ADOPTION OF 2022 EDITION OF THE CALIFORNIA**

## **ELECTRICAL CODE**

Except as provided in this chapter, the California Electrical Code, 2022 Edition, based on the 2020 National Electrical Code as published by the National Fire Protection Association, shall be and become the Electrical Code of the City of Perris, regulating all installation, arrangement, alteration, repair, use and other operation of electrical wiring, connections, fixtures and other electrical appliances on premises within the City. The California Electrical Code is on file for public examination in the office of the Building Official/Fire Marshal.

### **SECTION 16.08.057 AMENDMENTS TO THE CALIFORNIA ELECTRICAL CODE**

The 2022 Edition of the California Electrical Code is hereby adopted without amendments.

### **SECTION 16.08.057A ADOPTION OF 2022 EDITION OF THE CALIFORNIA EXISTING BUILDING CODE**

Except as provided in this chapter, the California Existing Building Code, Appendix A-1, A-3 and related reference standards based on the 2021 International Existing Building Code as published by the International Code Council, specifically adopted by published matrix, shall become the Existing Building Code of the City for regulating existing buildings in the City. The California Existing Building Code will be on file for public examination in the office of the Building Official.

### **SECTION 16.08.057B. AMENDMENTS TO THE CALIFORNIA EXISTING BUILDING CODE**

Appendix A-1 & A-3 which is hereby adopted in accordance with referenced matrix with no amendments.

### **SECTION 16.08.058 ADOPTION OF THE 2022 CALIFORNIA FIRE CODE**

Except as provided in this chapter, those certain fire codes known and designated as the California Fire Code 2022 Edition based on the 2021 International Fire Code as published by the "International Code Council...", shall become the fire code of the City for regulating the erection, construction, enlargement, alteration, repair, moving, removal, demolition, conservation, occupancy, equipment, use, height, area and maintenance of all buildings and/or structures in the city for all fire related issues. The California Fire Code and its appendix chapters will be on file for public examination in the office of the Building Official/Fire Marshal and the City Clerk's office.

### **SECTION 16.08.059 AMENDMENTS TO THE CALIFORNIA FIRE CODE**

The 2022 California Fire Code is hereby amended as follows:

#### **Chapter 1**

## Scope and Administration

**Chapter 1 Scope and Administration** is adopted in its entirety with the following amendments:

**Section 112.4 Violation penalties** is hereby revised as follows: Infraction, Misdemeanor, as follows:

**112.4 Violation penalties.** Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of either a misdemeanor, infraction or both as prescribed in Sections 112.4.2 and 112.4.3. Penalties shall be as prescribed in local ordinance. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

**Sections 112.4.2 Infraction** is hereby added as follows:

**112.4.2 Infraction.** Except as provided in Section 112.4.3, persons operating or maintaining any occupancy, premises or vehicle subject to this code that shall permit any fire or life safety hazard to exist on premises under their control shall be guilty of an infraction.

**Sections 112.4.3 Misdemeanor** is hereby added as follows:

**112.4.3 Misdemeanor.** Persons who fail to take immediate action to abate a fire or life safety hazard when ordered or notified to do so by the chief or a duly authorized representative, or who violate the following sections of this code, shall be guilty of a misdemeanor:

104.12.2 Obstructing operations

104.12.3 Systems and Devices

109.6 Overcrowding

112.3.2 Compliance with Orders and Notices

113.4 Failure to comply

305.4 Deliberate or negligent burning

308.1.2 Throwing or placing sources of ignition

310.7 Burning Objects

3107.4 Open or exposed flames

## **Chapter 2**

### **Definitions**

**Chapter 2 Definitions** is adopted in its entirety with the following amendments:

**Sections 202 General Definitions** is hereby revised by adding “Flow-line”, “Ground Cover” and “Hazardous Fire Area,” as follows:

#### **202 General Definitions**

**FLOW-LINE.** The lowest continuous elevation on a curb defined by the path traced by a particle in a moving body of water at the bottom of the rolled curb.

**GROUND COVER.** A plant that naturally grows close to the ground and does not exceed 18 inches in height at full maturity.

**HAZARDOUS FIRE AREA.** Includes all areas identified within Section 4906.2 and other areas as determined by the Fire Code Official as presenting a fire hazard due to the presence of combustible vegetation, or the proximity of the property to an area that contains combustible vegetation.

## **Chapter 3**

### **General Requirements**

**Chapter 3 General Requirements** is adopted in its entirety with the following amendments:

**Section 304.1.2 Vegetation** is hereby revised as follows:

**304.1.2 Vegetation.** Weeds, grass, vines or other growth that is capable of being ignited and endangering property, shall be cut down and removed by the owner or occupant of the premises. Vegetation clearance requirement in urban-wildland interface areas shall be in accordance with Chapter 49 and City of Perris vegetation management guidelines.

**Section 305.6 Outdoor fires** is hereby added as follows:

**305.6 Outdoor fires.** Outdoor fires shall be in accordance with Sections 305, 307, and 308 and with other applicable sections of this code.

**305.6.1 Where prohibited.** Outdoor fires shall not be built, ignited or maintained in fuel modification areas, Wildfire Risk Areas (WRA) and adopted Fire Hazard Severity Zones (FHSZ) or Special Fire Protection Areas (SFPA) or other locations where conditions could cause the spread of fire to the WRA, SFPA or FHSZ, except by permit from the fire code official.

**Exceptions:** A permit is not required for the following:

1. Fires in approved outdoor or portable fireplaces, fire pits, fire rings and similar devices at Group R occupancies that are installed and used in accordance with this code.
2. Outdoor fires at inhabited premises or official organized campsites or parks when located in a permanent or portable barbeque or grill, incinerator, or outdoor fireplace located at least 30 feet from combustible vegetation.
3. Installations or uses approved by the fire code official.

**305.6.1.1 Fuel Modification Areas.** Outdoor fires using wood or other solid fuel shall not be built, ignited or maintained in a fuel modification area.

**305.6.1.2 Supervision.** Where a permit is issued or when allowed under the exceptions of Section 305.6.1, such fires shall be supervised by a person 18 years of age or older.

**305.6.2 Hazardous conditions.** Outdoor fires are not allowed when predicted sustained winds exceed 8 MPH during periods when relative humidity is less than 25%, or a red flag condition has been declared or public announcement is made, when an official sign was caused to be posted by the fire code official, or when such fires present a hazard as determined by the fire code official.

**305.6.3 Disposal of rubbish.** Rubbish, trash or combustible waste material shall be burned only within an approved incinerator and in accordance with Section 307.2.1.

**Section 307.6 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices used at Group R Occupancies** is hereby added as follows:

**307.6 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices used at Group R Occupancies.** Outdoor fireplaces, fire

pits, fire rings, or similar exterior devices used at Group R occupancies shall comply with this section.

**Exception:** Barbeques, grills, and other portable devices intended solely for cooking.

**Section 307.6.1 Gas-fueled devices** is hereby added as follows:

**307.6.1 Gas-fueled devices.** Outdoor fireplaces, fire pits and similar devices fueled by natural gas or liquefied-petroleum gas are allowed when approved by the Building Department and the device is designed to only burn a gas flame and not wood or other solid fuel. At R-3 occupancies, combustible construction and vegetation shall not be located within three feet of an atmospheric column that extends vertically from the perimeter of the device. At other R occupancies, the minimum distance shall be ten feet. Where a permanent Building Department approved hood and vent is installed, combustible construction may encroach upon this column between the bottom of the hood and the vent opening. Where chimneys or vents are installed, they shall have a spark arrester as defined in Section 202.

**Section 307.6.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas** is hereby added as follows:

**307.6.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas.** Permanent outdoor fireplaces burning wood or other solid fuel shall be constructed in accordance with the California Building Code with clearance from combustible construction and building openings as required therein. Fires in a fireplace shall be contained within a firebox with an attached chimney. The opening in the face of the firebox shall have an installed and maintained method of arresting sparks.

The burning of wood or other solid fuel in a device is not allowed within 25 feet of combustible structures unless within an approved permanent fireplace, Conditions which could cause a fire to spread within 25 feet of a structure or to vegetation shall be eliminated prior to ignition. Fires in devices burning wood or solid fuel shall be in accordance with Sections 305, 307, and 308.

Exceptions:

1. Portable fireplaces and fire rings/pits equipped with a device to arrest sparks shall be located at least 3' from combustible construction at R-3 occupancies,
2. Portable fireplaces, and fire pits/rings equipped with a device to arrest sparks, shall be located at least 15 feet from combustible structures at other R occupancies.

**Section 307.6.2.1 Where prohibited** is hereby added as follows:

**307.6.2.1 Where prohibited.** The burning of wood and other solid fuels shall not be conducted within a fuel modification zone, Wildfire Risk Area (WRA), Wildland-Urban Interface Area (WUI), or in locations where conditions could cause the spread of fire to the WRA or WUI.

Exceptions:

1. Permanent fireplaces that are not located in a fuel modification zone
2. Where determined by the Fire Code Official that the location or design of the device should reasonably prevent the start of a wildfire.

**Section 324 Fuel Modification Requirements for New Construction** is hereby added as follows:

**324 Fuel Modification Requirements for New Construction.** All new buildings to be built or installed in areas with or adjacent to land having hazardous combustible vegetation shall comply with the requirements in the edition of City of Perris Vegetation Management Guidelines currently in use at the time of plan submittal.

**Section 325 Clearance of brush or vegetation growth from roadways** is hereby added as follows:

**325 Clearance of brush or vegetation growth from roadways.** The fire code official is authorized to cause areas within 10 feet (3048 mm) 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.

Measurement shall be from the flow-line or the end of the improved edge of the roadway surfaces.

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

**Section 326 Unusual Circumstances** is hereby added as follows:

**326 Unusual circumstances.** The fire code official may suspend enforcement of the vegetation management requirements and require reasonable alternative measures designed to advance the purpose of this code if determined that in any specific case that any of the following conditions exist:

1. Difficult terrain.
2. Danger of erosion.
3. Presence of plants included in any state and federal resources agencies, California Native Plant Society and county-approved list of wildlife, plants, rare, endangered and/or threatened species.
4. Stands or groves of trees or heritage trees.
5. Other unusual circumstances that make strict compliance with the clearance of vegetation provisions undesirable or impractical.

**Section 327 Use of Equipment** is hereby added as follows:

**327 Use of equipment.** Except as otherwise provided in this section, no person shall use, operate, or cause to be operated in, upon or adjoining any hazardous fire area any internal combustion engine which uses hydrocarbon fuels, unless the engine is equipped with a spark arrester as defined in Section 327.1 maintained in effective working order, or the engine is constructed, equipped and maintained for the prevention of fire.

**Exceptions:**

1. Engines used to provide motor power for trucks, truck tractors, buses, and passenger vehicles, except

motorcycles, are not subject to this section if the exhaust system is equipped with a muffler as defined in the Vehicle Code of the State of California.

2. Turbocharged engines are not subject to this section if all exhausted gases pass through the rotating turbine wheel, there is no exhaust bypass to the atmosphere, and the turbocharger is in good mechanical condition

**Section 327.1 Spark Arresters** is hereby added as follows:

**327.1 Spark arresters.** Spark arresters shall comply with the following:

1. A spark arrester is a device constructed of nonflammable material specifically for the purpose of removing and retaining carbon and other flammable particles over 0.0232 of an inch (0.58 mm) in size from the exhaust flow of an internal combustion engine that uses hydrocarbon fuels or which is qualified and rated by the United States Forest Service.
2. Spark arresters affixed to the exhaust system of engines or vehicles subject to Section 324 shall not be placed or mounted in such a manner as to allow flames or heat from the exhaust system to ignite any flammable material.

**Section 328 Restricted Entry** is hereby added as follows:

**328 Restricted entry.** The fire code official shall determine and publicly announce when hazardous fire areas shall be closed to entry and when such areas shall again be opened to entry. Entry on and occupation of hazardous fire areas, except public roadways, inhabited areas or established trails and camp sites which have not been closed during such time when the hazardous fire area is closed to entry, is prohibited.

Exceptions:

1. Residents and owners of private property within hazardous fire areas and their invitees and guests going to or being upon their lands.

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

**Section 329 Trespassing on posted property** is hereby added as follows:

**329 Trespassing on posted property.** When the fire code official determines 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 the public, such areas shall be closed until changed conditions warrant termination of closure. Such areas shall be posted as hereinafter provided.

1. Signs. Approved signs prohibiting entry by unauthorized persons and referring to applicable fire code chapters shall be placed on every closed area.
2. Trespassing. Entering and remaining within areas closed and posted is prohibited.

**Exception:** Owners and occupiers of private or public property within closed and posted areas, their guests or invitees, and local, state and federal public officers and their authorized agents acting in the course of duty.

## **Chapter 4**

### **Emergency Planning and Preparedness**

**Chapter 4: Emergency Planning and Preparedness Adopt** only the Sections listed below:

1. **401-401.9**
2. **402**
3. **403.1**
4. **403.2**
5. **403.4-403.4.4**

6. 403.10.2.1.1
7. 403.10.6
8. 403.12-403.12.3
9. 404.5– 404.6.6
10. 407

## **Chapter 5**

### **Fire Service Features**

**Chapter 5 Fire Service Features** is adopted in its entirety with the following amendments:

**SECTION 501.1 Scope** is revised as follows:

**501.1 Scope.** Fire service features for buildings, structures and premises shall comply with this chapter and the City of Perris Guideline for Fire Department Access & Water Requires for Commercial & Residential Development, and the City of Perris Guideline for Underground Piping for Private Hydrants & Sprinkler Supply Line.

**SECTION 503.2.1 Dimensions** is revised as follows:

**503.2.1 Dimensions.** Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6096 mm), exclusive of shoulders, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm). The width is measured flow-line to flow-line.

**SECTION 503.2.1.1 Hazardous Fire Area** is added as follows:

**503.2.1.1 Hazardous Fire Areas.** In Hazardous Fire Areas the minimum fire apparatus road width shall be 28 feet (8530 mm). The width shall be maintained to an approved point outside of the Hazardous Fire Area.

**Exception:** When the road serves no more than three dwelling units and the road does not exceed 150 feet in length, the road width may be 24 feet (7300 mm). This length may be increased to 400 feet where serving no more than three dwelling units and all

structures accessed from the roadway are protected by automatic fire sprinklers.

**SECTION 504.5 Escape Windows** is added as follows:

**504.5 Escape Windows.** Where escape windows are required by Section 1031.2, fire department access shall be provided to the escape window. An unobstructed setback area shall be provided. The minimum setback distance shall be calculated  $((H/5)+2)+P=$  Clear space required.

Where:

H = Height of the windowsill measured from the exterior ground surface

P = 3' ladder pad

**SECTION 504.5 .1 Ladder Pad** is added as follows:

**504.5.1 Ladder Pad.** Where a laddering pad is required, it shall be free of obstructions and vegetation for a minimum of 3-foot x 3-foot area. The laddering pad shall be a firm surface such as compacted decomposed granite, concrete, pavers, or asphalt. The laddering pad shall be placed at a distance from the structure as calculated by Section 504.5.

## **Chapter 6**

### **Building Services and Systems**

**Chapter 6 Building Services and Systems** is adopted in its entirety without amendments.

## **Chapter 7**

### **Fire and Smoke Protection**

**Chapter 7 Fire and Smoke Protection** is adopted in its entirety without amendments.

## **Chapter 8**

### **Interior Finish, Decorative Materials and Furnishings**

**Chapter 8 Interior Finish, Decorative Materials and Furnishings** is adopted in its entirety without amendments.

## **Chapter 9**

## Fire Protection and Life Safety Systems

**Chapter 9 Fire Protection and Life Safety Systems** is adopted in its entirety with the following amendments:

**SECTION 903.2**, Where required, is hereby amended as follows:

903.2 Where required. Approved automatic sprinkler systems in new buildings and structures shall be provided in the locations described in this section as follows:

- (a) **New buildings:** In addition to the requirements of section 903.2.1 through 903.2.21, approved automatic sprinkler systems in new buildings and structures shall be provided when the gross area of the building exceeds 3,500 ft<sup>2</sup> or more than two-story high.

Exception: Group R-3, occupancies shall comply with sections 903.2.8

- (b) **Alteration:** When the floor area of the Alteration within any two-year period exceeds 75% of area of the existing structure and the alteration includes structural modifications other than seismic upgrade.

- (c) **Addition:** Sprinkler protection shall be provided throughout the entire building when:

1. Existing building less than 3,500 ft<sup>2</sup>: where 33% or more is added and the gross floor areas exceeds 3,500 ft<sup>2</sup>.
2. Existing building equal or greater than 3,500 ft<sup>2</sup>: where more than 2,000 ft<sup>2</sup> is added.

**SECTION 903.2.8**, Group R, is hereby amended as follows:

903.2.8. An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area as follows:

1. **New buildings:** An automatic sprinkler system shall be installed throughout all new buildings.
2. **Existing buildings:** An automatic sprinkler system shall be installed throughout when one of the following conditions exists:

- (a) When an addition is 33% or more of the existing building area, as defined in Section 502.1, or greater than 1000 square feet (92.903 m<sup>2</sup>) within a two-year period; or
- (b) An addition when the existing building is already provided with automatic sprinklers; or
- (c) When an existing Group R Occupancy is being substantially renovated, and where the scope of the renovation is such that the Building Code Official determined that the complexity of installing a sprinkler system would be similar as in a new building.

**SECTION 903.2.10** Group S-2, is hereby amended as follows:

**903.2.10: Group S-2 Parking Garages.** An automatic sprinkler system shall be provided throughout buildings classified as parking garages.

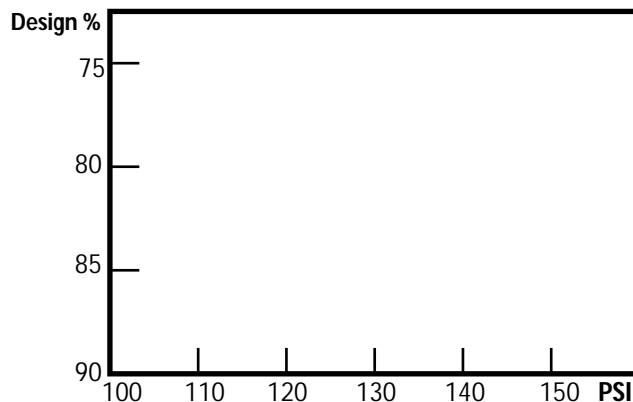
**SECTION 903.2.10.1, Commercial Parking Garages,** is hereby deleted without replacement.

**SECTION 903.3.5.3 Hydraulically calculated systems** is hereby added as follows:

**903.3.5.3 Hydraulically calculated systems.** The design of hydraulically calculated fire sprinkler systems shall not exceed 90% of the water supply capacity

**Exception:** When static pressure exceeds 100 psi, and required by the Fire Code Official, the fire sprinkler system shall not exceed water supply capacity specified by Table 903.3.5.3

**TABLE 903.3.5.3**  
**Hydraulically Calculated Systems**



**SECTION 903.4, Sprinkler system supervision and alarms**, is hereby amended by modifying item 1, deleting items 5 and 8, and renumbering the Exceptions as follows:

1. Automatic sprinkler systems protecting one- and two-family dwellings. Exterior alarm specified by Section 903.4.2 shall apply.
2. Limited area systems serving fewer than 20 sprinklers.
3. Automatic sprinkler systems installed in accordance with NFPA 13R where the common supply main is used to supply both the domestic and automatic sprinkler system, and a separate shutoff valve for automatic sprinkler system is not provided.
4. Jockey pump control valves that are sealed or locked in the open position.
5. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position.
6. Trim valves to pressure switches in dry, pre-action and deluge sprinkler systems that are sealed or locked in the open position.

**SECTION 905.4 Location of Class I standpipe hose connections** is hereby amended by adding item 7 as follows:

7. The centerline of the 2.5 inch (63.5 mm) outlet shall be no less than 18 inches (457.2 mm) and no more than 24 inches above the finished floor.

**SECTION 912.2 Location of the Fire Department Connection (FDC) is hereby revised as follows::**

912.2 Location. With respect to hydrants, driveways, buildings and landscaping, fire department connections shall be so located that fire apparatus and hose connected to supply the system will not obstruct access to the buildings for other fire apparatus. The location of fire department connection shall be located within 100 feet of a public fire hydrant. The fire hydrant that supports the FDC shall be on the same side of the street. A vehicle access roadway/approach shall not be placed between the FDC and fire hydrant.

## **Chapter 10**

### **Means of Egress**

**Chapter 10 Means of Egress** is adopted in its entirety without amendments

## **Chapter 11**

### **Construction Requirements for Existing Buildings**

**Chapter 11 Construction Requirements for Existing Buildings.** Adopt only those Sections and Subsections listed below:

1. 11.3.3.3
2. 1103.7
3. 1103.7.3
4. 1103.7.3.1
5. 1103.7.8 – 1103.7.8.2
6. 1103.7.9 – 1103.7.9.10
7. 1103.8 – 1103.8.5.3
8. 1103.9.1
9. 1107
10. 1113
11. 1114
12. 1115
13. 1116

## **Chapter 12**

### **Energy Systems**

**Chapter 12 Energy Systems** is adopted in its entirety with the following amendments:

**SECTION 1205.2, Access and Pathways.**

Exception 3. Building-Integrated Photovoltaic (BIPV) systems where the BIPV systems are approved, integrated into the finished roof surface and are listed in accordance with a national test standard developed to address Section 690.12(B)(2) of the California Electrical Code. The removal or

cutting away of portions of the BIPV system during firefighting operations shall not expose a firefighter to electrical shock hazard and smoke ventilation opportunity areas have been identified.

## **Chapter 20**

### **Aviation Facilities**

**Chapter 20 Aviation Facilities** is adopted in its entirety without amendments:

## **Chapter 21**

### **Dry Cleaning**

**Chapter 21 Dry Cleaning** is adopted in its entirety without amendments.

## **Chapter 22**

### **Combustible Dust-Producing Operations**

**Chapter 22 Combustible Dust-Producing Operations** is adopted in its entirety without amendments.

## **Chapter 23**

### **Motor Fuel-Dispensing Facilities and Repair Garages**

**Chapter 23 Motor Fuel-Dispensing Facilities and Repair Garages** is adopted in its entirety without amendments.

## **Chapter 24**

### **Flammable Finishes**

**Chapter 24 Flammable Finishes** is adopted in its entirety without amendments.

## **Chapter 25**

### **Fruit and Crop Ripening**

**Chapter 25 Fruit and Crop Ripening** is adopted in its entirety without amendments.

## **Chapter 26**

### **Fumigation and Thermal Insecticidal Fogging**

**Chapter 26 Fumigation and Thermal Insecticidal Fogging** is adopted in its entirety without amendments.

## **Chapter 27**

### **Semiconductor Fabrication Facilities**

**Chapter 27 Semiconductor Fabrication Facilities** is adopted in its entirety without amendments

## **Chapter 28**

### **Lumber Yards and Agro-Industrial, solid Biomass and Woodworking Facilities**

**Chapter 28 Lumber Yards and Agro-Industrial, Solid Biomass, and Woodworking Facilities** is adopted in its entirety without amendments:

## **Chapter 29**

### **Manufacture of Organic Coatings**

**Chapter 29 Manufacture of Organic Coatings** is adopted in its entirety without amendments.

## **Chapter 30**

### **Industrial Ovens**

**Chapter 30 Industrial Ovens** is adopted in its entirety without amendments.

## **Chapter 31**

### **Tents, Temporary Special Event Structures and Other Membrane Structures**

**Chapter 31 Tents, Temporary Special Event Structures and Other Membrane Structures** is adopted in its entirety without amendments.

## **Chapter 32**

### **High-Piled Combustible Storage**

**Chapter 32 High-Piled Combustible Storage** is adopted in its entirety without amendments.

## **Chapter 33**

### **Fire Safety During Construction and Demolition**

**Chapter 33 Fire Safety During Construction and Demolition** is adopted in its entirety without amendments.

## **Chapter 34**

## **Tire Rebuilding and Tire Storage**

**Chapter 34 Tire Rebuilding and Tire Storage** is adopted in its entirety without amendments.

## **Chapter 35**

### **Welding and Other Hot Work**

**Chapter 35 Welding and Other Hot Work** is adopted in its entirety without amendments.

## **Chapter 36**

### **Marinas**

**Chapter 36 Marinas** is adopted in its entirety without amendments.

## **Chapter 37**

### **Combustible Fibers**

**Chapter 37 Combustible Fibers** is adopted in its entirety without amendments.

## **Chapter 39**

### **Processing and Extraction Facilities**

**Chapter 39 Processing and Extraction Facilities** is adopted in its entirety without amendments.

## **Chapter 40**

### **Storage of Distilled Spirits and Wines**

**Chapter 40 Storage of Distilled Spirits and Wines** is adopted in its entirety without amendments.

## **Chapter 48**

### **Motion Picture and Television Production Studio Sound Stages, Approved Production Facilities and Production Locations**

**Chapter 48 Motion Picture and Television Production Studio Sound Stages, Approved Production Facilities and Production Locations** is adopted in its entirety without amendments.

## **Chapter 49**

## **Requirements for Wildland-Urban Interface Fire Areas**

**Chapter 49 Requirements for Wildland-Urban Interface Fire Areas** is adopted in its entirety with the following amendments:

**Section 4906.2 Application** is hereby revised as follows:

**4906.2 Application.** All new plantings of vegetation in State Responsibility Areas (SRA) and Local Responsibility Areas (LRA) designated as a Very High Fire Hazard Severity Zone shall comply with Sections 4906.3 through 4906.5.3 and City of Perris Vegetation Management Guidelines.

**Section 4906.4.2.1 Non-fire-resistant vegetation.** is hereby revised by as follows:

**4906.4.2.1 Non-fire-resistant vegetation.** New trees not classified as fire-resistant vegetation, such as conifers, palms, pepper trees and eucalyptus species, shall not be permitted within fuel modification zones.

**Section 4911 Fuel Modification Requirements for New Construction** is hereby added as follows:

**4911 Fuel Modification Requirements for New Construction.** All new buildings to be built or installed in hazardous fire areas shall comply with the following:

1. Preliminary fuel modification plans shall be submitted to and approved by the fire code official concurrent with the submittal for approval of any tentative map.
2. Final fuel modification plans shall be submitted to and approved by the fire code official prior to the issuance of a grading permit.
  - 2.1 The fuel modification plan shall include provisions for the maintenance of the fuel modification for perpetuity.
3. The fuel modification plans shall meet the criteria set forth in the Fuel Modification Section of the City of Perris Vegetation Management Guidelines.
4. The fuel modification plan may be altered if conditions change. Any alterations to the fuel modification areas shall have prior approval from the fire code official.

5. All elements of the fuel modification plan shall be maintained in accordance with the approved plan and are subject to the enforcement process outlined in the Fire Code.

## **Chapter 50**

### **Hazardous Materials – General Provisions**

**Chapter 50 Hazardous Materials – General Provisions** is adopted in its entirety with the following amendments.

**Section 5001.5.2 Hazardous Materials Inventory Statement (HMIS)**, is hereby amended by modifying the starting paragraph as follows:

**5001.5.2 Hazardous Materials Inventory Statement (HMIS).** Where required by the fire code official, an application for a permit shall include City of Perris Chemical Classification Disclosure Statement, which shall be completed and approved prior to approval of plans, and/or the storage, use or handling of chemicals on the premises. The Chemical Classification Disclosure Statement shall include the following information and formatted as specified in the City of Perris Chemical Classification Disclosure Statement:

1. Product Name
2. Component
3. Chemical Abstract Service (CAS) number
4. Location where stored or used.
5. Container size
6. Hazard classification
7. Amount in storage
8. Amount in use-closed systems
9. Amount in use-open systems.

## **Chapter 51**

### **Aerosols**

**Chapter 51 Aerosols** is adopted in its entirety without amendments.

## **Chapter 53**

### **Compressed Gases**

**Chapter 53 Compressed Gases** is adopted in its entirety without amendments.

## **Chapter 54**

## **Corrosive Materials**

**Chapter 54 Corrosive materials** is adopted in its entirety without amendments.

## **Chapter 55**

### **Cryogenic Fluids**

**Chapter 55 Cryogenic Fluids** is adopted in its entirety without amendments.

## **Chapter 56**

### **Explosives and Fireworks**

**Chapter 56 Explosives and Fireworks** California Fire Code Chapter 56 is adopted in its entirety with the following amendments:

**Section 5601.2.5 Retail Fireworks** is hereby added as follows:

**5601.2.5 Retail Fireworks.** The storage, use, sale, possession, and handling of fireworks 1.4G (commonly referred to as Safe & Sane) and fireworks 1.3G is prohibited.

**Exception:** Fireworks 1.4G and fireworks 1.3G may be part of an electrically fired public display when permitted and conducted by a licensed pyrotechnic operator

**Section 5601.3.6 Seizure of Fireworks** is hereby added as follows:

**5601.3.6 Seizure of Fireworks.** The fire code official shall have the authority to seize, take, remove all fireworks stored, sold, offered for sale, used or handled in violation of the provisions of Title 19 CCR, Chapter 6. Any seizure or removal pursuant to this section shall be in compliance with all applicable statutory, constitutional, and decisional law.

**Section 5608.2 Firing** is hereby added as follows:

**5608.2 Firing.** All fireworks displays shall be electrically fired.

**Section 5614 Explosives and blasting** is hereby added as follows:

**5614 Explosives and blasting.** Explosives shall not be possessed, kept, stored, sold, offered for sale, given away, used, discharged, transported or disposed of within wildland-urban interface areas, or hazardous fire areas except by permit from the fire code official.

## **Chapter 57**

## **Flammable and Combustible Liquids**

**Chapter 57 Flammable and Combustible Liquids** is adopted in its entirety with the following amendments:

**Section 5704.2.3.2 Label or placard** is hereby amended by modifying the NFPA standard as follows:

**5704.2.3.2 Label or placard.** Tanks more than 100 gallons (379 L) in capacity, which are permanently installed or mounted and used for the storage of Class I, II or III liquids, shall bear a label and placard identifying the material therein. *Placards shall be 3" red letters on white background and made of durable materiel.*

**Section 5707 On Demand Mobile Fueling Operations** hereby amended by as follows:

**Sections 5707.1 General.** On-demand mobile fueling operations that dispense Class I, II and III liquids into the fuel tanks of motor vehicles shall be prohibited.

**Sections 5707.2 through 5707.6** is hereby deleted without replacement.

## **Chapter 58**

### **Flammable Gases and Flammable Cryogenic Fluids**

**Chapter 58 Flammable Gases and Flammable Cryogenic Fluids** is adopted in its entirety without amendments.

## **Chapter 59**

### **Flammable Solids**

**Chapter 59 Flammable Solids** is adopted in its entirety without amendments.

## **Chapter 60**

### **Highly Toxic and Toxic Materials**

**Chapter 60 Highly Toxic and Toxic Materials** is adopted in its entirety without amendments.

## **Chapter 61**

### **Liquefied Petroleum Gases**

**Chapter 61 Liquefied Petroleum Gases** is adopted in its entirety without amendments.

## **Chapter 62**

### **Organic Peroxides**

**Chapter 62 Organic Peroxides** is adopted in its entirety without amendments.

## **Chapter 63**

### **Oxidizers, Oxidizing Gases, and Oxidizing Cryogenic Fluids**

**Chapter 63 Oxidizers, Oxidizing Gases, and Oxidizing Cryogenic Fluids** is adopted in its entirety without amendments.

## **Chapter 64**

### **Pyrophoric Materials**

**Chapter 64 Pyrophoric Materials** is adopted in its entirety without amendments.

## **Chapter 65**

### **Pyroxylin (Cellulose Nitrate) Plastics**

**Chapter 65 Pyroxylin (Cellulose Nitrate) Plastics** is adopted in its entirety without amendments.

## **Chapter 66**

### **Unstable (Reactive) Materials**

**Chapter 66 Unstable (Reactive) Materials** is adopted in its entirety without amendments.

## **Chapter 67**

### **Water-Reactive Solids and Liquids**

**Chapter 67 Water-Reactive Solids and Liquids** is adopted in its entirety without amendments.

## **Chapter 80**

### **Referenced Standards**

**Chapter 80 Referenced Standards** is adopted in its entirety with the following amendments:

**NFPA 13, 2022 Edition, Standard for the Installation of Sprinkler Systems** is hereby amended as follows:

**Section 16.12.3.3 is hereby revised as follows:**

**16.12.3.3** Fire department connections (FDC) shall be of an approved type. The FDC shall contain a minimum of two 2 ½” inlets. The location shall be approved and be no more than 100 feet from a public hydrant. The FDC may be located within 100 feet of a private fire hydrant when approved by the fire code official. The size of piping and the number of inlets shall be approved by the fire code official. If acceptable to the water authority, it may be installed on the backflow assembly. Fire department inlet connections shall be painted OSHA safety red. When the fire sprinkler density design requires 500 gpm (including inside hose stream demand) or greater, or a standpipe system is included, four 2 ½” inlets shall be provided.

**Section 9.4.3.1 is hereby revised as follows:**

**9.4.3.1.** When fire sprinkler systems are installed in shell buildings of undetermined use (Spec Buildings) other than warehouses (S occupancies), fire sprinklers of the quick-response type shall be used. Use is considered undetermined if a specific tenant/occupant is not identified at the time the fire sprinkler plan is submitted. Sprinklers in light hazard occupancies shall be one of the following:

1. Quick-response type as defined in 3.6.4.8
2. Residential sprinklers in accordance with the requirements of 8.4.5
3. Quick response CMSA sprinklers
4. ESFR sprinklers
5. Standard-response sprinklers used for modifications or additions to existing light hazard systems equipped with standard-response sprinklers
6. Standard-response sprinklers used where individual standard-response sprinklers are replaced in existing light hazard systems

**Section 9.2.1.7 is hereby revised as follows:**

**9.2.1.7** Concealed spaces filled with noncombustible insulation shall not require sprinkler protection when approved by the fire code official.

**Section 19.1.1.1** is hereby added as follows:

**19.1.1.1** When fire sprinkler systems are required in buildings of undetermined use other than warehouses, they shall be designed and installed to have a fire sprinkler density of not less than that required for an Ordinary Hazard Group 2 use, with no reduction(s) in density or design area. Warehouse fire sprinkler systems shall be designed to Figure 21.4.1.2.2.1 (d) curve “D”. Use is considered undetermined if a specific tenant/occupant is not identified at the time the sprinkler plan is submitted. Where a subsequent occupancy requires a system with greater capability, it shall be the responsibility of the occupant to upgrade the system to the required density for the new occupancy.

**Section 11.2.3.1.1.1** is hereby added as follows:

**11.2.3.1.1.1** The available water supply for fire sprinkler system design shall be determined by one of the following methods, as approved by the Fire Code Official:

1. Subtract the project site elevation from the low water level for the appropriate pressure zone and multiply the result by 0.433;
2. Use a maximum of 40 psi, if available;
3. Utilize the City of Perris water-flow test form/directions to document a flow test conducted by the local water agency or an approved third party licensed in the State of California.

**Section 16.9.10.2** is hereby deleted without replacement.

**Section 16.9.10.3** is hereby deleted without replacement.

**Section 16.9.10.4** is hereby deleted without replacement.

**NFPA 13D 2022 Edition, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes** is hereby amended as follows:

**Section 5.1.3** is hereby added as follows:

### **5.1.3 Stock of Spare Sprinklers.**

**Section 5.1.3.1** is hereby added as follows:

**5.1.3.1.** A supply of at least two sprinklers for each type shall be maintained on the premises so that any sprinklers that have operated or been damaged in any way can be promptly replaced.

**Section 5.1.3.2** is hereby added as follows:

**5.1.3.2** The sprinklers shall correspond to the types and temperature ratings of the sprinklers in the property.

**Section 5.1.3.3** is hereby added as follows:

**5.1.3.3** The sprinklers shall be kept in a cabinet located where the temperature to which they are subjected will at no time exceed 100 °F (38°C).

**Section 5.1.3.4** is hereby added as follows:

**5.1.3.4** A special sprinkler wrench shall be provided and kept in the cabinet to be used in the removal and installation of sprinklers. One sprinkler wrench shall be provided for each type of sprinkler installed.

**Section 7.1.2** is hereby revised as follows:

**7.1.2** The system piping shall not have a separate control valve unless supervised by a central station, proprietary, or remote station alarm service.

**NFPA 14, 2019 Edition, Installation of Standpipe and Hose Systems is hereby amended as follows:**

**Section 7.3.1.1** is hereby deleted in its entirety and replaced as follows:

**7.3.1.1** Class I and III Standpipe hose connections shall be unobstructed and shall be located not less than 18 inches or more than 24 inches above the finished floor. Class II Standpipe hose connections shall be unobstructed and shall be located not less than 3 feet or more than 5 feet above the finished floor.

**NFPA 24, 2019 Edition, Standard for the Installation of Private Fire Service Mains and Their Appurtenances is hereby amended as follows:**

**Section 6.2.9\* (3) and (5)** are hereby deleted without replacement and (6) and (7) renumbered as follows:

(5) Control Valves installed in a fire-rated room accessible from the exterior.

(6) Control valves in a fire-rated stair enclosure accessible from the exterior as permitted by the authority having jurisdiction.

**Section 6.2.9\* (2)** is hereby revised as follows:

(2) When approved by the fire code official, a wall post indicating valve.

**Section 6.3.3** is hereby added as follows:

**Section 6.3.3** All post indicator valves controlling fire suppression water supplies shall be painted OSHA red.

**Section 10.1.5** is hereby added as follows:

**10.1.5** All ferrous pipe shall be coated and wrapped. Joints shall be coated and wrapped after assembly. All fittings shall be protected with a loose 8-mil polyethylene tube. The ends of the tube shall extend past the joint by a minimum of 12 inches and be sealed with 2 inch wide tape approved for underground use. Galvanizing does not meet the requirements of this section.

**Exception:** 304 or 316 Stainless Steel pipe and fittings

**Section 10.3.7 Bolts** is hereby added as follows:

**10.3.7 Bolts.** All bolts used in pipe-joint assembly shall be 316 stainless steel.

**Section 10.4.1.1** is hereby revised as follows:

**10.4.1.1** All bolted joint accessories shall be cleaned and thoroughly coated with asphalt or other corrosion-retarding material, prior to poly-tube, and after installation.

**Exception:** Bolted joint accessories made from 304 or 316 stainless steel.

**Section 10.4.3.1** is hereby deleted and replaced as follows:

**10.4.3.1** Where fire service mains enter the building adjacent to the foundation, the pipe may run under a building to a maximum of 24 inches, as measured from the interior face of the exterior wall to the center of the vertical pipe. The pipe under the building or building foundation shall be 304 or 316 stainless steel and shall not contain mechanical joints or it shall comply with 10.6.2.

**Section 10.4.3.1.1** is hereby revised as follows:

**10.4.3.1.1** Pipe joints shall not be located under foundation footings. The pipe under the building or building foundation shall be 304 or 316 stainless steel and shall not contain mechanical joints.

### Appendices

**Appendix A** is deleted in its entirety.

**Appendix B** is adopted in its entirety with the following amendments.

**Table B105.1 (1)** is hereby revised as follows:

**TABLE B105.1(1)  
REQUIRED FIRE-FLOW FOR ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3  
AND R-4 BUILDINGS AND TOWNHOUSES**

<b>CALCULATION AREA (square feet)</b>	<b>AUTOMATIC SPRINKLER SYSTEM (Design Standard)</b>	<b>MINIMUM FIRE-FLOW (gallons per minute)</b>	<b>FLOW DURATION (hours)</b>
0-3,600	No automatic sprinkler system	1,000	1
3,601 and greater	No automatic sprinkler system	Value in Table B105.1(2)	Duration in Table B105.1(2) at the required fire-flow rate
0-3,600	Section 903.3.1.3 of the California Fire Code or Section 313.3 of the California Residential Code	750	3/4
3,601 and greater	Section 903.3.1.3 of the California Fire Code or Section 313.3 of the California Residential Code	½ value in Table B105.1(2) but not less than 1500	1

For SI: 1 square foot = 0.0929 m<sup>2</sup>, 1 gallon per minute = 3.785 L/m

**Table B105.2** is hereby revised as follows:

### TABLE B105.2

**REQUIRED FIRE-FLOW FOR BUILDINGS OTHER THAN ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3 AND R-4 BUILDINGS AND TOWNHOUSES**

<b>AUTOMATIC SPRINKLER SYSTEM (Design Standard)</b>	<b>MINIMUM FIRE-FLOW (gallons per minute)</b>	<b>FLOW DURATION (hours)</b>
No automatic sprinkler system	Value in Table B105.1(2)	Duration in Table B105.1(2)
Section 903.3.1.1 or Section 903.3.1.2 of the California Fire Code	50% of the value in Table B105.1(2) but not less than 1500	Duration in Table B105.1(2)

For SI: 1 square foot = 0.0929 m<sup>2</sup>, 1 gallon per minute = 3.785 L/m

**Appendix BB** is adopted in its entirety without amendments:  
**Appendix C** is adopted in its entirety with the following amendments:

**Section C103.1 Hydrant Spacing** is hereby revised as follows:

**Section C103.1 Hydrant Spacing.** Fire apparatus access roads and public streets providing required access to buildings in accordance with Section 503 shall be provided with one or more fire hydrants, as determined by Section C102.1. Where more than one fire hydrant is required, the distance between required fire hydrants shall not exceed 300 feet, measured along the fire department access route. In locations where it is impractical to place a fire hydrant 40 feet from the protected structure the hydrant spacing shall be reduced to 150 feet.

**Section C103.2 Average Spacing** is hereby deleted without replacement.

**Section C103.3 Maximum Spacing** is hereby deleted without replacement.

- Appendix CC** is adopted in its entirety without amendments.
- Appendix D** is deleted in its entirety.
- Appendix E** is deleted in its entirety.
- Appendix F** is deleted in its entirety.
- Appendix G** is deleted in its entirety.
- Appendix H** is deleted in its entirety.
- Appendix I** is deleted in its entirety.
- Appendix J** is deleted in its entirety.
- Appendix K** is deleted in its entirety.
- Appendix L** is deleted in its entirety.
- Appendix M** is deleted in its entirety.
- Appendix N** is deleted in its entirety.
- Appendix O** is deleted in its entirety.

**Section 9.** Effective Date. This Ordinance shall take effect 30 days after its adoption.

**Section 10.** Severability. If any section, subsection, subdivision, sentence, clause, phrase or portion of this Ordinance is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance. The City Council hereby declares that it would have adopted this Ordinance, and each section, subsection, subdivision, sentence, clause, phrase, or

portions thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases or portions thereof be declared invalid or unconstitutional.

**Section 11.** Certification. The City Clerk shall certify as to the passage and adoption of this Ordinance and shall cause the same to be posted at the designated locations in the City of Perris.

***ADOPTED, SIGNED and APPROVED*** this 8th day of November, 2022.

Mayor, Michael M. Vargas

City Clerk, Nancy Salazar

STATE OF CALIFORNIA )  
COUNTY OF RIVERSIDE ) §  
CITY OF PERRIS )

I, Nancy Salazar, CITY CLERK OF THE CITY OF PERRIS, DO HEREBY CERTIFY that the FOREGOING Ordinance Number 1420 was duly and regularly introduced at a regular meeting of the City Council of the City of Perris held on the 25th day of October 2022 and was duly and regularly adopted by the City Council of the City of Perris at a regular meeting thereof held on the 8th day of ~~November~~ 2022 and that it was so adopted by the following called vote:

AYES: NAVA, CORONA, RABB, ROGERS, VARGAS  
NOES: NONE  
ABSENT: NONE  
ABSTAIN: NONE

City Clerk, Nancy Salazar

