



**RESOLUTION NO. 135-2023**  
**OF THE BOARD OF SUPERVISORS OF THE COUNTY OF EL DORADO**  
**(REPEALING RESOLUTION NO. 042-2020)**

**WHEREAS**, the California Code of Regulations, Title 24, Part 9, the California Fire Code, is updated by the State every three years; and

**WHEREAS**, the 2022 California Fire Code became effective on January 1, 2023; and,

**WHEREAS**, California Health and Safety Code Sections 17958, 17958.5, 17958.7 and 18941.5 permits a county to make such local amendments and modifications as the county determines are reasonably necessary because of local climatic, geological or topographical conditions; and,

**WHEREAS**, the California Code of regulations, Health and Safety Code, Division 12, Part 2, Chapter 1, Article 12, Section 13146, assigns responsibility for enforcement of safety regulations to the local level and grants authority to delegate enforcement to the chief building official, or his or her authorized representative, or the chief of the fire protection district, or his or her representative; and,

**WHEREAS**, the County of El Dorado desires to delegate enforcement of the Fire Code to the chief of the fire authority, or the chief's authorized representative; and,

**WHEREAS**, the fire protection district and County have agreed to develop, implement and maintain a memorandum of understanding that describes the roles and responsibilities pertaining to the inspection of certain building standards found in the Fire Code; and,

**WHEREAS**, on November 16, 2022, The Board of Directors of the Meeks Bay Fire Protection District adopted Ordinance No. 22-01, which adopted the 2022 California Fire Code with amendments the District deemed necessary to deal with local climate, geological or topographical conditions.

**NOW, THEREFORE, BE IT RESOLVED**, that the Board of Supervisors of the County of El Dorado ratifies Ordinance No. 22-01 of the Meeks Bay Fire Protection District and delegates the enforcement of the ordinance to the Meeks Bay Fire District Chief, or his or her representative.

These changes include amendments and additions to the California Fire Code in the following sections:

101.1, 105.5.29, 107.2, 107.7, 109.3.1, 111.1, 112.3, 112.4, 307.1.1, 370.4.4, 308.1.9, 503.2.1, 503.2.5, 505.1, 506.1.1, 506.1.3, 506.1.4, 509.2.1, 605.9, 606.3.3.2, 903.2, 903.2.1, 903.2.2, 903.2.3, 903.2.4, 903.2.5.1, 903.2.7, 903.2.8.1, 903.2.9, 903.2.11, 903.4, 903.4.1, 903.4.2, 903.4.4, 903.6, 904.13.6, 907.2.1, 907.2.2, 907.2.3, 907.2.4, 907.2.5, 907.2.7, 907.2.8.1, 907.2.9, 907.2.10, 907.6.2, 907.6.6, 907.9, 1203.1.3, 1203.7, 1205.4.3, 3311.3, 3313.2, 3313, 4905.4, 5704.2.9.6.1, 5706.2.4.4,

5806.2, 6101.3, 6101.3.1, 6101.4, 6104.2, 3107.5, Chapter 80, D103.2, D104.2, D104.3, D105.1, D106.1, and D107.1.

The Meeks Bay Fire District adopts the 2022 California Fire Code, Title 24, Part 9, in its entirety, including Appendices, incorporating those sections of the International Fire Code, 2021 edition not adopted by the state, with the exclusions listed below:

105.5.19, 105.5.20, 105.5.21, 105.5.41, 111.3, 308.1.4, 311.5, 903.2.9.1, 903.2.10, 903.2.10.1, Chapter 25, and Chapter 26.

Appendices not adopted can be used for reference in enforcing other sections of the 2022 California Fire Code.

PASSED AND ADOPTED by the Board of Supervisors of the County of El Dorado at a regular meeting of said BOARD, held the 12th day of September, 2023, by the following vote of said Board

Attest:  
Kim Dawson  
Clerk of the Board of Supervisors

Ayes: Thomas, Hidahl, Turnboo, Parlin, Laine  
Noes: None  
Absent: None

By:



Deputy Clerk  
Kyle Kuperus



Wendy Thomas, Chair, Board of Supervisors



## ***North Tahoe and Meeks Bay Fire Protection Districts***

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December 6, 2022

Don Ashton, Chief Administrative Officer  
El Dorado Board of Supervisors  
330 Fair Lane  
Placerville, CA 95667

**Subject: Resolution Ratifying Ordinance No. 22-01 of the Meeks Bay Fire Protection District, which adopts the 2022 California Fire Code with amendments related to local climatic, geographic, and topographic conditions.**

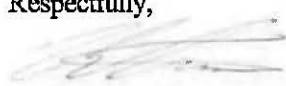
Dear Mr. Ashton:

The Meeks Bay Fire Protection District (MBFPD) is requesting the Board of Supervisors (BOS) ratify its Ordinance No. 22-01, which adopts the 2022 California Fire Code as amended due to specific local climatic, geographic, and topographic conditions. California Health and Safety Code Section 13869.7 requires the legislative body of the city or county where the ordinance will apply to ratify, modify or deny the adopted ordinance. The BOS must also delegate enforcement of the ordinance to either the Fire District (or its representative) or the Chief Building Official.

Therefore, we request the County Board of Supervisors ratify Ordinance No. 22-01 with amendments to the 2022 California Fire Code, and delegate the enforcement of the Ordinance to the MBFPD Fire Chief. A proposed BOD resolution is enclosed for your review and use on this topic.

This resolution has no direct fiscal impact to the County.

Respectfully,

  
Brent Armstrong  
Fire Marshal

**Attachments:**

1. MBFPD Resolution 2022-19 Findings of Fact
2. MBFPD Ordinance 22-01 adopting the 2022 California Fire Code
3. Ordinance public hearing proof of publication to the local newspaper

**MEEKS BAY FIRE PROTECTION DISTRICT**



**ORDINANCE**  
**of the Board of Directors**

**No: 22-01**

AN ORDINANCE OF THE MEEKS BAY FIRE PROTECTION DISTRICT ADOPTING THE 2022 EDITION OF THE CALIFORNIA FIRE CODE AND PORTIONS OF THE 2021 INTERNATIONAL FIRE CODE, REGULATING AND GOVERNING THE SAFEGUARDING OF LIFE AND PROPERTY FROM FIRE AND EXPLOSION HAZARDS ARISING FROM THE STORAGE, HANDLING AND USE OF HAZARDOUS SUBSTANCES, MATERIALS AND DEVICES. AND FROM CONDITIONS HAZARDOUS TO LIFE OR PROPERTY IN THE OCCUPANCY OF BUILDINGS AND PREMISES IN THE MEEKS BAY FIRE PROTECTION DISTRICT; PROVIDING FOR THE ISSUANCE OF PERMITS AND COLLECTION OF FEES THEREFOR.

WHEREAS, the Meeks Bay Fire Protection District (District) operates under the Fire Protection District Law of 1987; and

WHEREAS, pursuant to Health and Safety Code Section 13869, the District may adopt by reference the 2022 California Fire Code, which establishes minimum building standards related to fire and hazardous conditions; and

WHEREAS, pursuant to Health and Safety Code Sections 13869.7, 17958.5, and 17958.7, the District may adopt standards more stringent than state standards when such modifications are reasonably necessary because of local climatic, geological or topographical conditions; and

WHEREAS, the Board of Directors of the District recognizes that before making modifications or changes to the California Fire Code, Health and Safety Code Sections 13869.7 and 17958.5 requires the Board of Directors make express findings that such modifications or changes are reasonably necessary because of local climatic, geological, or topographical conditions; and

WHEREAS, the Board of Directors has adopted those express findings on the necessity of the modifications and has directed that those findings be submitted to the County of El Dorado with a copy of this Ordinance for ratification.

NOW THEREFORE, The Board of Directors of the Meeks Bay Fire Protection District of does ordain as follows:

**SECTION 1 California Fire Code – Adopted.**

That a certain document, three copies of which are on file in the Office of the Clerk of the Meeks Bay Fire Protection District, being marked and designated as the California Code of Regulations, Title 24,



Part 9, 2022 Edition of the California Fire Code published by the International Code Council and the California Building Standards Commission with errata, together with those portions of the 2021 Edition of the International Fire Code including Appendices B, C, D and H published by the International Code Council not included in the California Building Standards Code, as modified and amended by this chapter, are adopted by this reference into this Chapter, and are hereby collectively declared to be the Meeks Bay Fire Protection District Fire Code for the purpose of regulating the safeguarding of life, property, and public welfare to a reasonable degree from the hazards of fire, hazardous materials release and explosion arising from the storage, use and handling of dangerous and hazardous materials, substances, and devices, conditions hazardous to life or property in the occupancy and use of buildings and premises, the operation, installation, construction, location, safeguarding and maintenance of attendant equipment, providing for the issuance of permits and collection of fees therefore, and providing penalties for violation of such code.

## **SECTION 2 Meeks Bay Fire Protection District Fire Code – Amended.**

The following sections are amended or added to the Meeks Bay Fire Protection District Fire Code.

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**Section 101.1 amended – Title.**

Section 101.1 of Chapter 1 is amended to read as follows:

**101.1 Title.** These regulations shall be known as the Meeks Bay Fire Protection District Fire Code, hereinafter referred to as “this code.”

**Section 105.5.19 deleted – Floor Finishing.**

Section 105.5.19 of Chapter 1 is deleted.

**Section 105.5.20 deleted – Fruit and Crop Ripening.**

Section 105.5.20 of Chapter 1 is deleted.

**Section 105.5.21 deleted – Fumigation and Insecticidal Fogging.**

Section 105.5.21 of Chapter 1 is deleted.

**Section 105.5.29 amended – LP-gas.**

Exception to Item 1 of Section 105.5.29 of Chapter 1 is amended to read as follows:

**Exception:** A permit is not required for individual containers with a 125-gallon (473 L) water capacity or less or multiple container systems having an aggregate quantity not exceeding 500 gallons (1893 L), serving occupancies in Group R-3.

**Section 105.5.41 deleted – Private Fire Hydrants.**

Section 105.5.41 of Chapter 1 is deleted.

**Section 107.2 amended – Schedule of Fees.**

Section 107.2 of Chapter 1 is amended to read as follows:

**107.2 Schedule of fees.** Fees for District services shall be paid by the applicant or owner. Fees for permits, administrative services, cost recovery and capital improvement impacts shall be in accordance with the fee schedule established by the District.

**Section 107.7 added – Cost Recovery Fees.**

Section 107.7 is added to Chapter 1 to read as follows:

**107.7 Cost recovery fees.** Fees may be charged to any person, firm, corporation, business or public agency to cover the cost of any service which the District provides or the cost of enforcing any regulation for which the fee is charged. The fees shall not exceed the costs reasonably borne by the District in providing the service or enforcing the regulation for which the fee is charged.

**Section 109.3.1 added – Submission of Records.**

Section 109.3.1 is added to Chapter 1 to read as follows:

**109.3.1 Submission of records.** Contractors, engineers, test companies and licensed or certified testers who perform inspection, testing or maintenance services on fire protection and life safety systems and equipment are required to electronically submit all compliant and non-compliant reports to the Meeks Bay Fire Protection District via a method approved by the fire code official.

**Section 111.1 amended – Board of Appeals Established.**

Section 111.1 of Chapter 1 is amended to read as follows:

**111.1 Board of Appeals established.** In order to hear and decide appeals of orders, decisions or determinations made by the fire code official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals, comprised of the Board of Directors of the District. The board of appeals shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the fire code official.

**Section 111.3 deleted – Qualifications.**

Section 111.3 of Chapter 1 is deleted.

**Section 112.3 amended – Notice of Violation.**

Section 112.3 of Chapter 1 is amended to read as follows:

**112.3 Notice of violation.** Where the fire code official finds a building, premises, vehicle, storage facility or outdoor area that is in violation of this code, the fire code official is authorized to prepare a written notice of violation describing the conditions deemed unsafe and, where compliance is not immediate, specifying a time for reinspection.

The fire code official may issue citations for violations of this code pursuant to Health and Safety Code section 13871 and Penal Code section 853.6.

**Section 112.4 amended – Violation Penalties.**

Section 112.4 of Chapter 1 is amended to read 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 a misdemeanor, punishable by a fine of not more than \$1,000.00 or by imprisonment not exceeding 90 days, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense. (Health and Safety Code, §§13145, 17995.)

**Section 202 amended – General Definitions.**

Section 202 of Chapter 2 is amended by adding or revising certain definitions to read as follows:

**CAMPFIRE.** An outdoor fire which is used for cooking, personal warmth, lighting, or aesthetic purposes. This includes fires using jellied, liquid, solid or gaseous fuels and contained within outdoor fireplaces and enclosed stoves with flues or chimneys, stoves, portable barbecue pits, braziers, or space heating devices which are used outside of any structure, mobile home or any living accommodation mounted on a vehicle.

**DISTRICT.** The Meeks Bay Fire Protection District and all areas within the exterior boundaries thereof as now or hereafter established.

**FIRE CHIEF.** The chief officer of the fire department serving the Meeks Bay Fire Protection District, or a duly authorized representative.

**JURISDICTION.** The Meeks Bay Fire Protection District and all areas within the exterior boundaries thereof as now or hereafter established.

**Section 307.1.1 amended – Prohibited Open Burning.**

Section 307.1.1 of Chapter 3 is amended to read as follows:

**307.1.1 Prohibited Open Burning.** Open burning, campfires, bonfires, portable outdoor fireplaces and recreational fires, shall be prohibited when atmospheric conditions or local circumstances make such fires hazardous including when, in the judgment of the Fire Chief or his designee, the menace of destruction by fire to life, improved property, or natural resources is, or is forecast to become, extreme due to critical fire weather, fire suppression forces being heavily committed to control fires already burning, acute dryness of the vegetation, or other factors that may cause the rapid spread of fire such as high winds, low fuel moistures, fire weather or Red Flag Warnings, severe threat of wildland fire, or issuance of Fire Restrictions on lands adjacent to the District by the United States Forest Service or CalFire.

**Exceptions:**

1. Prescribed burning for the purpose of reducing the impact of wildland fire when authorized by the fire code official.
2. Gaseous-fueled outdoor fire pits and barbeques, and pellet grills/smokers unless a Red Flag Warning has been issued
3. Charcoal barbeques for a commercial restaurant, catering operation or special event, where additional mitigations have been approved by the fire code official.

**Section 307.4.4 added – Campfires.**

Section 307.4.4 is added to Chapter 3 to read as follows:

**307.4.4 Campfires.** Campfires shall comply with Sections 307.4.4.1 and 307.4.4.2.

**307.4.4.1 Prohibited.** It is unlawful for any person to light, maintain, or use a campfire upon or near any brush-covered land, grass-covered land, or forest-covered land during the time when burning permits are suspended by the Fire Chief, the Director of the Department of Forestry, the CalFIRE Unit Chief or the authority having jurisdiction.

**307.4.4.2 Campfire restrictions.** When campfires are allowed, it shall be unlawful for any person to light, maintain, or use a campfire upon any brush-covered land, grass-covered land, or forest covered land unless the following minimum requirements are complied with.

1. The area within 5 feet of the periphery of the campfire is cleared of all combustible material and vegetation.
2. One serviceable shovel with a handle of at least 12 inches is ready for use at the immediate area of the campfire.
3. Campfires shall be limited to dimensions of 12 inches by 12 inches, unless in an approved manufactured cooking device or fire ring.
4. Written permission of the landowner must be obtained prior to the ignition of the campfire and shall be on site.

**Section 308.1.4 deleted – Open-flame Cooking Devices.**

Section 308.1.4 of Chapter 3 is deleted.

**Section 308.1.9 added – Outdoor Open Flame Appliances.**

Section 308.1.9 is added to Chapter 3 to read as follows:

**308.1.9 Outdoor Open Flame Appliances.** Outdoor open flame appliances, including permanently installed outdoor fireplaces, fire pits, BBQ's, pizza ovens and any other open flame outdoor device that is connected to a residential or commercial gas line service shall be installed in accordance with the following:

1. All parts/assemblies to be tested and certified by UL, CSA, or ANSI.
2. A gas shut-off valve located shall be installed at the stub out and provided with ready access.
3. A second gas shut-off valve shall be located within 3 feet (9115 mm) to 5 feet (1524 mm) of



- device where the primary shut-off valve is further than 6 feet (1829 mm) from the appliance.
4. The appliance shall include a timer device which allows a maximum operating time of three hours. The timer shall require a manual reset.
  5. A separation distance of 10 feet (3048 mm) feet vertically and horizontally shall be provided to all combustible materials, not including the support structure. The separation distance shall be measured from the open flame.  
**Exception:** Where approved by the fire code official, the separation distance can be reduced provided the manufacturer's installation guidelines specify a lesser distance to combustible materials.
  6. The surface supporting the appliance shall be of an ignition-resistant or fire-resistant material for a distance of 2 feet (610 mm) in all directions from the appliance.
  7. The appliance shall produce a maximum flame height of 2 feet (610 mm).

**Sections 311.5 through 311.5.5 deleted – Placards.**  
Sections 311.5 through 311.5.5 of Chapter 3 are deleted.

**Section 503.2.1 amended – Dimensions.**

Section 503.2.1 of Chapter 5 is amended to read 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 15 feet (4572 mm). Driveways shall have an unobstructed width of not less than 12 feet (3658 mm).

**Section 503.2.5 amended – Dead Ends.**

Section 503.2.5 of Chapter 5 is amended to read as follows:

**503.2.5 Dead ends.** Dead-end fire apparatus access roads and driveways in excess of 150 feet (45 720 mm) in length shall be provided with an approved area for turning around fire apparatus.

**Section 505.1 amended – Address Identification.**

Section 505.1 of Chapter 5 is amended to read as follows:

**505.1 Address identification.** New and existing buildings shall be provided with address identification as specified below. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 4 inches (102 mm) high with a minimum stroke width of ½ inch (12.7 mm). Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.

1. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property.
2. The address shall be placed at each driveway entrance and visible from both directions of travel along the road.
3. The address shall be posted at the beginning of construction and shall be maintained thereafter.
4. Address signs along one-way roads shall be visible from both the intended direction of travel and the opposite direction.
5. Where multiple addresses are required at a single driveway, they shall be mounted on a single post.
6. Where a roadway provides access solely to a single commercial or industrial business, the address sign shall be placed at the nearest road intersection providing access to that site.



**Section 506.1.1 amended – Locks.**

Section 506.1.1 of Chapter 5 is amended to read as follows:

**506.1.1 Locks.** An approved lock shall be installed on gates or similar barriers, and gated residential driveways where required by the fire code official.

**Section 506.1.3 added – Key Boxes for Buildings with Automatic Sprinkler Systems.**

Section 506.1.3 is added to Chapter 5 to read as follows:

**506.1.3 Key Boxes for Buildings with Automatic Sprinkler Systems.** Any building or complex of buildings, in which an automatic sprinkler system is installed, shall be provided with an approved key box, mounted in an approved location, containing appropriate keys for fire department access. This section applies to all new facilities, and to existing facilities when required by the fire code official.

**Section 506.1.4 added – Key Boxes for Buildings with Fire Alarm Systems.**

Section 506.1.4 is added to Chapter 5 to read as follows:

**506.1.4 Key boxes for buildings with fire alarm systems.** Any building or complex of buildings with an automatic sprinkler system shall be provided with an approved key box, mounted in an approved location, containing appropriate keys for fire department access. This section applies to all new facilities, and to existing facilities when required by the fire code official.

**Section 509.2.1 added – Electrical Shunt Trip/Switch.**

Section 509.2.1 is added to Chapter 5 to read as follows:

**509.2.1 Electrical Shunt Trip/Switch.** New structures and remodeled structures shall be provided with a remote main power electrical shunt switch in an approved location where any of the following conditions occur:

1. The main power disconnect switch is located on the interior of a building,
2. The main power disconnect switch is inaccessible to fire department personnel due to location or to climatic conditions, or
3. The facility is equipped with multiple electrical sources, such as fuel cells, ESS, generators or solar photovoltaic systems.

**Exception:** Facilities where the fire code official determines the electrical shunt trip/switch is not required.

The remote main power electrical shunt trip/switch shall be hard wired to all power sources. The electrical shunt trip/switch shall be installed on the exterior of the building in an approved location and protected from the elements. The electrical shunt trip/switch shall have an approved permanently mounted, weatherproof sign marked with "MAIN POWER SHUNT TRIP/SWITCH".

**Section 605.9 amended – Gas Meters.**

Section 605.9 of Chapter 6 is amended to read as follows:

**605.9 Gas Meters.** New and existing above-ground gas meters, regulators and piping subject to damage shall be protected by a barrier complying with Section 312 or otherwise protected in an approved manner.

**605.9.1 Gas Meters.** For new installations, the gas meter assembly shall be located at the gable end of the building or under an engineered deck, as close as practical to the building wall.

**605.9.2 Protective cover.** For new and existing gas meters, an approved protective cover, designed to support the design snow load as determined by the building department shall be installed over the meter assembly, securely supported by the ground or diagonally to the building wall. The protective cover shall be approved by the gas supplier and designed to allow ready access to the gas meter. When supported by the ground, the footing for the supports shall be founded a minimum of 6 inches (152 mm) below finished grade. The protective cover shall not have doors.

**605.9.3 Protection from horizontal impact.** New and existing gas meters shall be protected from



horizontal slide or shift of snow and ice where located underground piping extends above ground on a sloping grade. The barrier or method of protection shall be approved by the fire code official.

**Section 606.3.3.2 amended – Cleaning.**

Section 606.3.3.2 of Chapter 6 is amended to read as follows:

**606.3.3.2 Cleaning.** If during the inspection it is found that hoods, grease-removal devices, fans, ducts or other appurtenances have an accumulation of grease, such components shall be cleaned in accordance with ANSI/IFCA C10. Cleaning frequency shall not exceed 12 months, except for commercial cooking operations located in a building with Group R-1 and R-2 occupancies above shall be cleaned at intervals not exceeding 6 months.

**Section 903.2 amended – Where Required.**

Section 903.2 of Chapter 9 is amended to read as follows:

**903.2 Where required.** Approved automatic sprinkler systems in new buildings and structures shall be provided in the locations described in Sections 903.2.1 through 903.2.12.

**Exceptions:**

1. Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided that those spaces or areas are equipped throughout with an automatic smoke detection system in accordance with Section 907.2 and are separated from the remainder of the building by not less than 1-hour fire barriers constructed in accordance with Section 707 of the El Dorado County Building Code or not less than 2-hour horizontal assemblies constructed in accordance with Section 711 of the El Dorado County Building Code, or both.
2. Low life hazard structures, such as stand-alone public restrooms and ski lift operator structures with an area less than 500 square feet where approved by the fire code official.

**Section 903.2.1 amended – Group A.**

Section 903.2.1 of Chapter 9 is amended to read as follows:

**903.2.1 Group A.** An automatic sprinkler system shall be provided throughout buildings containing a Group A-1, A-2, A-3 or A-4 occupancy.

**903.2.1.1 Group A-5.** An automatic sprinkler system shall be provided for all enclosed Group A-5 accessory use areas.

**903.2.1.1.1 Spaces under grandstands or bleachers.** Enclosed spaces under grandstands or bleachers shall be equipped with an automatic sprinkler system in accordance with Section 903.3.1.1.

**903.2.1.2 Assembly occupancies on roofs.** Where an occupied roof has an assembly occupancy with an occupant load exceeding 100 for Group A-2 and 300 for other Group A occupancies, all floors shall be equipped with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2.

**Section 903.2.2 amended – Group B.**

Section 903.2.2 of Chapter 9 is amended to read as follows:

**903.2.2 Group B.** An automatic sprinkler system shall be provided throughout buildings containing a Group B occupancy.

**903.2.2.1 Ambulatory care facilities.** An automatic sprinkler system shall be installed throughout the entire floor containing an ambulatory care facility where either of the following conditions exist at any time:

1. Four or more care recipients are incapable of self-preservation.
2. One or more care recipients that are incapable of self-preservation are located at other than the level of exit discharge serving such a facility.

In buildings where ambulatory care is provided on levels other than the level of exit discharge, an automatic sprinkler system shall be installed throughout the entire floor as well as all floors below where such care is provided, and all floors between the level of ambulatory care and the nearest level of exit discharge, the level of exit discharge, and all floors below the level of exit discharge.

**Exception:** Floors classified as an open parking garage are not required to be sprinklered.

**Section 903.2.3 amended – Group E.**

Section 903.2.3 of Chapter 9 is amended to read as follows:

**903.2.3 Group E.** An automatic sprinkler system shall be provided throughout all buildings containing a Group E occupancy.

1. For public school state-funded construction projects see Section 903.2.19.
2. For public school campuses, Kindergarten through 12<sup>th</sup> grade, see Section 903.2.20.

**Section 903.2.4 amended – Group F.**

Section 903.2.4 of Chapter 9 is amended to read as follows:

**903.2.4 Group F-1.** An automatic sprinkler system shall be provided throughout all buildings containing a Group F-1 occupancy.

**Section 903.2.5.1 amended – Group H.**

Section 903.2.5.1 of Chapter 9 is amended to read as follows:

**903.2.5.1 General.** An automatic sprinkler system shall be provided throughout all buildings containing a Group H occupancy.

**Section 903.2.7 amended – Group M.**

Section 903.2.7 of Chapter 9 is amended to read as follows:

**903.2.7 Group M.** An automatic sprinkler system shall be provided throughout all buildings containing a Group M occupancy.

**Section 903.2.8.1 amended – Group R-3.**

Section 903.2.8.1 of Chapter 9 is amended to read as follows:

**903.8.1 Group R-3.** An automatic sprinkler system installed in accordance with Section 903.3.1.3 shall be permitted in Group R-3 occupancies. An automatic sprinkler system shall be installed in new manufactured homes, as defined in Health and Safety Code Sections 18007 and 18009, and multiple family manufactured homes with two dwelling units, as defined in Health and Safety Code Section 18008.7, in accordance with Title 25 of the California Code of Regulations.

**Section 903.2.9 amended – Group S.**

Section 903.2.9 of Chapter 9 is amended to read as follows:

**903.2.9 Group S.** An automatic sprinkler system shall be provided throughout all buildings containing a Group S occupancy.

**Section 903.2.9.1 deleted – Repair Garages.**

Section 903.2.9.1 of Chapter 9 is deleted.

**Section 903.2.10 deleted – Group S-2 Parking Garages.**

Section 903.2.10 of Chapter 9 is deleted.

**Section 903.2.10.1 deleted – Commercial Parking Garages.**

Section 903.2.10.1 of Chapter 9 is deleted.



**Section 903.2.11 amended – Specific Buildings Areas and Hazards.**

Section 903.2.11 of Chapter 9 is amended to read as follows:

**903.2.11 Specific buildings areas and hazards.** An automatic sprinkler system shall be installed for building design or hazards in the locations set forth in Sections 903.2.11.1 through 903.2.11.6.

**Section 903.4 amended – Sprinkler System Supervision.**

Section 903.4 of Chapter 9 is amended to read as follows:

**903.4 Sprinkler system supervision.** Valves controlling the water supply for automatic sprinkler systems, pumps, tanks, water levels and temperatures, critical air pressures and waterflow switches on all sprinkler systems shall be electrically supervised by a listed fire alarm control unit.

**Exceptions:**

1. Automatic sprinkler systems protecting one- and two-family dwellings and townhouses with less than 100 sprinklers.
2. Limited area sprinkler systems 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. Control valves to commercial kitchen hoods, paint spray booths or dip tanks that are sealed or locked in the open position.
6. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position.
7. Trim valves to pressure switches in dry, preaction and deluge sprinkler systems that are sealed or locked in the open position.
8. Underground key or hub gate valves in roadway boxes.

**Section 903.4.1 amended – Monitoring**

Section 903.4.1 of Chapter 9 is amended to read as follows:

**903.4.1 Monitoring.** Alarm, supervisory and trouble signals shall be distinctly different and shall be automatically transmitted to an approved supervising station or, where approved by the fire code official, shall sound an audible signal at a constantly attended location.

**Exceptions:**

1. Backflow prevention device test valves located in limited area sprinkler system supply piping shall be locked in the open position. In occupancies required to be equipped with a fire alarm system, the backflow preventer valves shall be electrically supervised by a tamper switch installed in accordance with NFPA 72 and separately annunciated.
2. Central station monitoring is not required in one- and two-family dwellings and townhouses with less than 100 sprinklers.

**Section 903.4.2 amended – Alarms.**

Section 903.4.2 of Chapter 9 is amended to read as follows:

**903.4.2 Alarms.** One exterior approved audible device, located on the exterior of the building in an approved location, shall be connected to each automatic sprinkler system. The exterior audible device shall produce a minimum of 110 dBA at the street. Such sprinkler waterflow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system. Visible alarm notification appliances shall not be required except when required by Section 907.

**Section 903.4.4 added – Alarms in Residential Occupancies.**



Section 903.4.4 is added to Chapter 9 to read as follows:

**903.4.4 Alarms in Residential Occupancies.** Every sleeping room in one- and two-family dwellings and Group R occupancies shall be provided with an audible notification appliance which is activated upon waterflow from the automatic sprinkler system. The audible notification appliance must provide at least 75db at the pillow. This can be accomplished by way of interconnected smoke detection systems or horns.

**Section 903.6 amended – Where Required in Existing Buildings and Structures.**

Section 903.6 of Chapter 9 is amended to read as follows:

**903.6 Where required in existing buildings and structures.** An automatic sprinkler system shall be provided in existing buildings and structures in any of the following situations:

1. Where required in Chapter 11.
2. Where an existing building or structure undergoes a change of occupancy, and the occupancy classification changes.
3. For other than one- and two-family dwellings and Group R occupancies, additions to existing buildings or structures where the floor area is increased by more than 30 percent or 1,000 square feet (93 m<sup>2</sup>), whichever is less.
4. Additions to existing one- and two-family dwellings and Group R occupancies where the floor area is increased by greater than 50 percent.
5. Additions to existing one- and two-family dwellings and Group R occupancies where the additional floor area exceeds 500 square feet (47 m<sup>2</sup>) and the total floor area exceeds 3,600 square feet (334 m<sup>2</sup>).
6. Where remodel, alteration or repairs to an existing building involve more than 50 percent of the gross floor area of the building, or more than 50 percent of the exterior bearing walls.

**Section 904.13.6 added – Supervision.**

Section 904.13.6 is added to Chapter 9 to read as follows:

**904.13.6 Supervision.** The fire-extinguishing system shall be supervised by the fire alarm system in accordance with Section 904.3.5.

Where an existing fire-extinguishing system is replaced, the fire-extinguishing system shall be supervised by an existing fire alarm system, if provided. Where the facility is not equipped with a fire alarm system, a fire alarm system shall be installed if required in Section 907.2 for new construction.

**Section 907.2.1 amended – Group A.**

Section 907.2.1 of Chapter 9 is amended to read as follows:

**907.2.1 Group A.** A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.

**Exception:** Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.

**Section 907.2.2 amended – Group B.**

Section 907.2.2 of Chapter 9 is amended to read as follows:

**907.2.2 Group B.** A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group B occupancies.

**Exception:** Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.

**Section 907.2.3 amended – Group E.**

Section 907.2.3 of Chapter 9 is amended to read as follows:

**907.2.3 Group E.** An automatic fire alarm system that activates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 shall be installed in Group E occupancies with an occupant load of 50 or more persons or containing more than one classroom or one or more rooms used for Group E or I-4 child care purposes in accordance with this section. Where automatic sprinkler systems or smoke detectors are installed, such system or detectors shall be connected to the building fire alarm system. One additional manual fire alarm box shall be located at the administration office or location approved by the AHJ.

**Exceptions:**

1. For public school state funded construction projects see Section 907.2.29.
2. For public schools see Section 907.2.3.7.
3. For private schools see Section 907.2.3.8.

**Section 907.2.4 amended – Group F.**

Section 907.2.4 of Chapter 9 is amended to read as follows:

**907.2.4 Group F.** A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group F occupancies.

**Exception:** Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.

**Section 907.2.5 amended – Group H.**

Section 907.2.5 of Chapter 9 is amended to read as follows:

**907.2.5 Group H.** A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group H occupancies. An automatic smoke detection system shall be installed for highly toxic gases, organic peroxides and oxidizers in accordance with Chapters 60, 62 and 63, respectively.

**Section 907.2.7 amended – Group M.**

Section 907.2.7 of Chapter 9 is amended to read as follows:

**907.2.7 Group M.** A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group M occupancies.

**Exceptions:**

1. A manual fire alarm system is not required in covered or open mall buildings complying with Section 402 of the California Building Code.
2. Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.

**Section 907.2.8.1 amended – Manual Fire Alarm System.**

Exception 1 to Section 907.2.8.1 of Chapter 9 is deleted.

**Section 907.2.9 amended – Group R-2.**

Section 907.2.9 of Chapter 9 is amended to read as follows:

**907.2.9 Group R-2.** A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group R-2 occupancies.

**Exceptions:**



1. Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.
2. The manual fire alarm system is not required in buildings that do not have interior corridors serving dwelling units and are protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2, provided that dwelling units either have a means of egress door opening directly to an exterior exit access that leads directly to the exits or are served by open-ended corridors designed in accordance with Section 1027.6, Exception 3.

**Section 907.2.10 amended – Group S.**

Section 907.2.10 of Chapter 9 is amended to read as follows:

**907.2.10 Group S.** A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group S occupancies.

**Exceptions:**

1. Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.
2. Buildings with a floor area less than 500 square feet (47 m<sup>2</sup>) may be exempt, as determined by the Fire Chief, based on building construction material and features, location, occupancy type, and distance to exposures.

**Section 907.6.2 amended – Power Supply.**

Section 907.6.2 of Chapter 9 is amended to read as follows:

**907.6.2 Power supply.** The primary power supply for the fire alarm system shall be provided in accordance with NFPA 72. Secondary power supply for the fire alarm system shall be provided in accordance with NFPA 72 except that the minimum 24-hour duration for quiescent load shall be increased to a duration of 72 hours. An emergency power supply in accordance with Chapter 12 is permitted to fulfill the 72-hour duration for secondary power.

**Exception:** Backup power for single-station and multiple-station smoke alarms as required in Section 907.2.11.6.

**Section 907.6.6 amended – Monitoring.**

Section 907.6.6 of Chapter 9 is amended to read as follows:

**907.6.6 Monitoring.** Fire alarm systems required by this chapter or by the California Building Code shall be monitored by an approved supervising station in accordance with NFPA 72 and this section.

**Exception:** Monitoring by a supervising station is not required for:

1. Single- and multiple-station smoke alarms required by Section 907.2.11.
2. Smoke detectors in Group I-3 occupancies shall be monitored in accordance with Section 907.2.6.3.
3. Agricultural buildings not under Special Use Permit and/or not used for commercial purposes (e.g. retail sales, food service, and/or special events).

**Section 907.9 amended – Where Required in Existing Buildings and Structures.**

Section 907.9 of Chapter 9 is amended to read as follows:

**907.9 Where required in existing buildings and structures.** An approved fire alarm system shall be provided in existing buildings and structures where required in Chapter 11.

An approved fire alarm system as required in Section 907.2 shall be installed in existing buildings not provided with a fire alarm system where an addition increases the floor area by more than 30 percent or 1,000 square feet (93 m<sup>2</sup>), whichever is less.

**Exceptions:**

1. Buildings equipped with an automatic sprinkler system.
2. One- and two-family dwellings.
3. Agricultural building not under Special Use permit for commercial purposes.
4. Buildings with a floor area less than 500 square feet (47 m<sup>2</sup>) when approved by the fire code official based on building construction materials and features, location, occupancy type and distance to exposures.

**Section 1203.1.3 amended – Installation.**

Section 1203.1.3 of Chapter 12 is amended to read as follows:

**1203.1.3 Installation.** Emergency power systems and standby power systems shall be installed in accordance with the California Building Code, NFPA 70, NFPA 110 and NFPA 111. Where emergency or standby power is provided at a structure, an electrical shunt trip/switch shall be provided in accordance with Section 509.2.1.

**Section 1203.7 added – Protection from Horizontal Impact.**

Section 1203.7 is added to Chapter 12 to read as follows:

**1203.7 Protection from horizontal impact.** Fuel piping to generators shall be protected from damage where underground fuel piping extends above ground and is located in an area subject to the horizontal movement of snow. The barrier or method of protection shall be approved by the fire code official.

**Section 1205.4.3 amended – Rapid Shutdown Switch.**

Section 1205.4.3 of Chapter 12 is amended to read as follows:

**1205.4.3 Rapid shutdown switch.** Where a facility is provided with more than one electrical power supply, the rapid shutdown switch shall be interconnected to the electrical shunt trip/switch in accordance with Section 509.2.1. The rapid shutdown switch and the electrical shunt trip/switch shall have a label located not greater than 3 feet (914 mm) from the switch that states the following:

RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM

**Chapter 25 deleted – Fruit and Crop Ripening.**

Chapter 25 is deleted.

**Chapter 26 deleted – Fumigation and Insecticidal Fogging.**

Chapter 26 is deleted.

**Section 3311.3 added – Premises Identification.**

Section 3311.3 is added to Chapter 33 to read as follows:

**3311.3 Premises Identification.** Prior to and during construction, approved street signs and address signs shall be provided at each fire and emergency vehicle access road and entry into the project.

**Section 3313.2 amended – Combustible Building Materials.**

Section 3313.2 of Chapter 33 is amended to read as follows:

**3313.2 Combustible building materials.** When combustible building materials of the building under construction are delivered to a site, the minimum required fire flow shall be provided. The fire hydrant used to provide this fire-flow supply shall be within 500 feet (152 m) of the combustible building materials, as measured along an approved fire apparatus access lane. Where the site configuration is such that one fire hydrant cannot be located within 500 feet (152 m) of all combustible building materials, additional fire hydrants shall be required to provide coverage in accordance with this section.

**Section 3313 amended – Vertical Construction of Types III, IV and V construction.**

Sections 3313.3 through 3313.3.3 are deleted.



**Section 4905.4 added – Roof Covering.**

Section 4905.4 is added to Chapter 49 to read as follows:

**4905.4 Roof covering.** All new construction, including additions, requires a Class A roof assembly with a Class A roof covering. All re-roofing requires Class A roof assembly with a Class A roof covering as a minimum. Re-roofing in excess of 50 percent of an existing structure within any one-year period will necessitate that the entire roof be a Class A roof assembly with a Class A roof covering as a minimum. Class B or C fire retardant treated and/or non-treated wood shake or shingles are prohibited as a component in a Class A roof assembly.

**Section 5704.2.9.6.1 amended – Locations Where Above-Ground Tanks are Prohibited.**

Section 5704.2.9.6.1 of Chapter 57 is amended to read as follows:

**5704.2.9.6.1 Locations Where Above-Ground Tanks are Prohibited.** Storage of Class I and Class II flammable liquids in above-ground tanks outside of buildings is prohibited except where approved by the fire code official.

**Exception:** Protected above-ground storage tanks installed in accordance with Chapters 23 and 57.

**Section 5706.2.4.4 amended – Locations Where Above-Ground Tanks are Prohibited.**

Section 5706.2.4.4 of Chapter 57 is amended to read as follows:

**5706.2.4.4 Locations Where Above-Ground Tanks are Prohibited.** Storage of Class I and Class II flammable liquids in above-ground tanks is prohibited except where approved by the fire code official.

**Exception:** Protected above-ground storage tanks installed in accordance with Chapters 23 and 57.

**Section 5806.2 amended – Limitations.**

Section 5806.2 of Chapter 58 is amended to read as follows:

**5806.2 Limitations.** Storage of flammable cryogenic fluids in stationary containers outside of buildings is prohibited except where approved by the fire code official.

**Section 6101.3 amended – Construction Documents.**

Section 6101.3 of Chapter 61 is amended to read as follows:

**6101.3 Construction documents.** Where a single LP-gas container is more than 1,200 gallons (4542 L) in water capacity or the aggregate water capacity of LP-gas containers is more than 2,400 gallons (9084 L), the installer shall submit construction documents for such installation.

**Section 6101.3.1 added – Reference Standard.**

Section 6101.3.1 is added to Chapter 61 to read as follows:

**6101.3.1 Reference standard.** The installation and inspection of liquefied petroleum gas containers shall comply with codes, standards and regulations. The Placer County Building and Development Code Article 15.12 is acceptable as an installation standard.

**Section 6101.4 added – Inspection after Interruption of Service.**

Section 6101.4 is added to Chapter 61 to read as follows:

**6101.4 Inspection after interruption of service.** An inspection and approval by the fire code official is required when service is interrupted, or temporarily discontinued, because of a hazardous condition; change in size or type of service; replacement or repair of a tank, meter, regulator, valve or other exterior component; relocation of exterior service equipment or piping; damage to buildings, tanks, piping or exterior components to the extent that the servicing utility, fire department or building department determines the service to be potentially hazardous. The inspection shall occur prior to refilling the tank or placing the equipment back in operation. Routine refilling of a tank and routine maintenance of interior appliances does not require this inspection and approval.



**Section 6104.2 amended – Maximum Capacity within Established Limits.**

Section 6104.2 of Chapter 61 is amended to read as follows:

**6104.2 Maximum capacity within established limits.** The storage of liquefied petroleum gas in excess of an aggregate of 2,000-gallon water capacity must meet the approval of the fire code official and obtain a Special/Conditional Use Permit issued by the County.

**Section 6107.5 added – Protection from the Elements.**

Section 6107.5 is added to Chapter 61 to read as follows:

**6107.5 Protection from the elements.** Containers and appurtenances shall be protected from the elements in accordance with Sections 6107.5.1 and 6107.5.2. Tanks shall not be filled or serviced unless in compliance with Sections 6107.5.1 and 6107.5.2.

**6107.5.1 Protective cover.** An approved protective cover shall be installed over all meters, regulators, valves and equipment to provide protection against sliding, drifting and impact of snow and ice. The protective cover shall be designed to support the design snow load as determined by the building department and shall be securely supported to the ground or diagonally to the building wall.

**6107.5.2 Additional installation requirements.** Containers and yard piping shall comply the fuel gas piping requirements and these additional requirements:

1. LP-gas tanks shall be placed on approved concrete supports, such as, but not be limited to pre-cast reinforced concrete pads, reinforced concrete slab or pre-cast reinforced concrete saddles. Use of un-reinforced cinder building blocks is prohibited. If saddles are used, they shall contact a minimum of 110 degrees of the tank circumference. Asphalt impregnated felt, with a thickness of 3/8 inch (10 mm) or greater, shall be installed between the container and the concrete saddle. Supports shall be poured-in-place concrete or prefabricated supports. Where supports are poured-in-place, each support shall have a minimum thickness of 4 inches (101 mm) and reinforced with not less than WWF 6 × 12, W 16 by W26 or 4 #3 rebar in each direction. In areas tanks may be subject to shifting snow, unstable ground or other hazardous condition, the fire code official is authorized to require additional tank supporting, securing or protection.
2. LP-gas tanks shall be permanently marked by a square or other approved stake of wood or other material with a nominal dimension of 2 inches × 2 inches or a cross sectional width of 2 inches (50 mm). Such stakes shall be of sufficient height to rise above the anticipated snow depth, with the minimum height being 10 feet (3048 mm). The snow stakes shall be yellow in color and will be placed on the opposite side of the tank from the riser, and directly opposite the tank valves. The top 12 inches (305 mm) of the stake shall be painted orange. The side of the stake adjacent to the tank shall continue with the orange color a minimum of 18 inches (457 mm) from the top of the stake. Installation and maintenance of all tank stakes shall be the responsibility of the LP-gas supplier.
3. Two stage regulator systems shall be installed on all LP-gas installations in accordance with manufacturer's instructions. All first stage regulators and connecting pigtails shall be installed under a protective valve cover on the tank. All regulators installed under this cover shall be listed and approved for this use and position of mounting. A connector providing flexibility shall be used to connect the first stage regulator to the main service valve on the tank. All copper pigtails shall be internally tinned and use only forged flare nuts.
4. The second stage regulator and riser pipe shall be installed on the gable end of the building, as close as practical to the building wall, unless this is not feasible due to structural or topographical constraints. An approved gas shutoff valve rated for a minimum of 125 PSI shall be installed immediately prior to the second stage regulator. An approved gas shut off sign or other identifier shall be installed directly above the gas shut off valve, on the building



in a visible location within 3 feet (914 mm) of the eaves of the roof or roof line if no eaves are present. If the second stage regulator or a combination first/second stage regulator is used at the tank, then an approved gas shut off valve shall be located at the building.

5. The riser from the yard piping shall be a minimum of Schedule 80 and shall be located not more than 3 inches (76 mm) horizontally from the walls of the tank, and swing joints will be used above and below tank level to provide for tank movement. Street elbows are prohibited. An approved flexible alternative is acceptable in lieu of rigid steel pipe for the tank riser, such as plastic (PE), copper tubing, stainless steel. All flexible material used for the tank riser shall be sheathed in an approved steel cover for protection. Where swing joints are eliminated by an approved flexible alternative, sufficient slack shall be maintained to allow for tank movement and expansion and contraction.
6. The riser pipes for the yard piping shall not be embedded in concrete, asphalt or other rigid substance. Such substance placed around a riser shall be held back at least 3 inches (76 mm) from all sides of the pipe. All exposed exterior gas piping used for runs along walls or roofs shall be minimum schedule 80 steel pipe supported and secured by approved straps at intervals not to exceed 4 feet (1219 mm).
7. All plastic pipe shall be buried at least 18 inches (457 mm) below finished grade.
8. An electrically continuous corrosion resistant tracer wire, with a minimum size of 14 AWG or tape shall be buried with the plastic pipe to facilitate locating. One end shall be brought above ground at the building wall or riser and the other end shall be brought above ground at the tank.
9. Any supplier supplying LP-gas to a tank must affix a label or other means of identification to the inside of the tank valve protective cover. The label or other identification must be waterproof and contain the supplier's name and emergency telephone number.

#### **Chapter 80 amended – Referenced Standards – NFPA 13D.**

Chapter 80 is amended by adding Section 7.1.5 to NFPA 13D to read as follows:

**7.1.5 Riser nameplate.** An informational nameplate shall be attached to the riser as required in Section 29 of NFPA 13.

#### **Section D103.2 amended – Grade.**

Section D103.2 of Appendix D is amended to read as follows:

**D103.2 Grade.** Fire apparatus access roads shall not exceed 10 percent in grade. Driveways for Group R-3 occupancies and one- or two-family dwellings shall not exceed 12-percent in grade.

#### **Section D104.2 amended – Buildings Exceeding 62,000 Square Feet in Area.**

Section D104.2 of Appendix D is amended to read as follows:.

**D104.2 Buildings exceeding 62,000 square feet in area.** Buildings or facilities having a gross building area of more than 62,000 square feet (5760 m<sup>2</sup>) shall be provided with two separate and approved fire apparatus access roads.

#### **Section D104.3 amended – Remoteness.**

Section D104.3 of Appendix D is amended to read as follows:

**D104.3 Remoteness.** Where two access roads are required, they shall be placed a distance apart equal to not less than one half of the length of the maximum overall diagonal dimension of the property or area to be served, measured in a straight line between accesses.

**Exception:** Remoteness of access roads is not required where fire apparatus roads cannot be installed because of location on property, topography, waterways, nonnegotiable grades or similar condition and an approved alternative means of fire protection is provided.



**Section D105.1 amended – Where Required.**

Section D105.1 of Appendix D is amended to read as follows:

**D105.1 Where Required.** Where the vertical distance between the grade plane and the highest roof surface exceeds 30 feet (9144 mm), approved aerial fire apparatus access roads shall be provided. For purposes of this section, the highest roof surface shall be determined by measurement to the eave of a pitched roof, the intersection of the roof to the exterior wall, or the top of parapet walls, whichever is greater.

**Section D106.1 amended – Projects Having More than 100 Dwelling Units.**

Section D106.1 of Appendix D is amended to read as follows:

**D106.1 Projects Having More than 100 Dwelling Units.** Multiple-family residential projects having more than 100 dwelling units shall be equipped throughout with two separate and approved fire apparatus access roads.

**Section D107.1 amended – One- or Two-family Dwelling Residential Developments.**

Section D107.1 of Appendix D is amended to read as follows:

**D107.1 One- or two-family dwelling residential developments.** Developments of one- or two-family dwellings where the number of dwelling units exceeds 30 shall be provided with two separate and approved fire apparatus access roads.

**SECTION 3 Repeal of Previous Ordinances.** All prior Ordinances of the Meeks Bay Fire Protection District adopting and/or amending any prior International Fire Code or California Fire Code are hereby repealed upon the effective date of this Ordinance except that any enforcement or abatement action under any such prior Ordinance shall remain and be pursued until resolution.

**SECTION 4 Severability.** That if any section, subsection, sentence, clause or phrase of this Ordinance is, for any reason held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this Ordinance. The Board of Directors of the Meeks Bay Fire Protection District hereby declares that it would have passed this Ordinance, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases be declared unconstitutional.

**SECTION 5 Effect on Litigation.** That nothing in this Ordinance or in the 2022 Edition of the California Fire Code or the 2021 Edition of the International Fire Code hereby adopted shall be construed to affect any suit or proceeding pending in any court, or any rights acquired, or liability incurred, or any other cause or causes of action acquired or existing, under any act or Ordinance hereby repealed as cited in Section 8 of this Ordinance; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this Ordinance.

**SECTION 6 Publication.** That the Administrative Officer of the Meeks Bay Fire Protection District is hereby ordered and directed to cause this Ordinance to be published and posted in compliance with California Law.

**SECTION 7 Effective Date.** That this Ordinance and the rules, regulations, provisions, requirements, orders and matters established and adopted hereby shall take effect and be in full-force and effect from and after January 1, 2023.

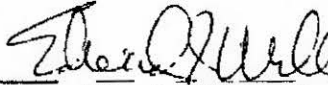


The above Ordinance was introduced at a meeting of the Board of Directors of the North Tahoe Fire Protection District on September 28, 2022 and it was then read for the first time. The Ordinance was read for the second time on November 16, 2022:

PASSED AND ADOPTED at a Regular Meeting of the Board of Directors of the NORTH TAHOE FIRE PROTECTION DISTRICT, Tahoe City, California this, 16<sup>th</sup> day of November 2022 by the following roll call vote.

AYES: Directors Fielding, Kromydas, Miller, and Millisingle  
NOES: None  
ABSENT: None  
ABSTAIN: None

ATTEST:



Edward I. Miller, President of the Board of  
Directors MEEKS BAY FIRE PROTECTION  
DISTRICT



Melissa Daniels, Clerk of the Board  
MEEKS BAY FIRE PROTECTION DISTRICT

**MEEKS BAY FIRE PROTECTION DISTRICT**



**RESOLUTION**  
**of the Board of Directors**

**No: 2022-19**

**ADOPTING LOCAL AMENDMENTS TO THE STATE FIRE CODE  
AND FINDINGS OF FACTS BASED ON LOCAL CONDITIONS  
TO SUPPORT LOCAL AMENDMENTS.**

**WHEREAS**, the Meeks Bay Fire Protection District (District) operates under the Fire Protection District Law of 1987; and

**WHEREAS**, pursuant to Health and Safety Code Section 13869, the Meeks Bay Fire Protection District may adopt by reference the 2022 California Fire Code, which establishes minimum building standards related to fire and hazardous conditions; and

**WHEREAS**, the Board of Directors of the Meeks Bay Fire Protection District wishes to rescind all prior Fire Codes and amendments thereto that have been adopted by the District; and

**WHEREAS**, the Board of Directors of the Meeks Bay Fire Protection District wishes to formally adopt the 2022 California Fire Code with amendments thereto as set forth in Exhibit A to this Resolution; and

**WHEREAS**, pursuant to Health and Safety Code Sections 13869.7, 17958.5, and 17958.7, the Meeks Bay Fire Protection District may adopt standards more stringent than the state standards when the Board of Directors make findings that such modifications are reasonably necessary due to local climatic, geological, or topographical conditions; and

**WHEREAS**, the Board of Directors of the Meeks Bay Fire Protection District has identified local conditions that support the adoption of amendments to the 2022 California Fire Code as articulated below.

**NOW, THEREFORE**, the Board of Directors of Meeks Bay Fire Protection District does hereby resolve as follows:

**SECTION 1.** The Board of Directors of the Meeks Bay Fire Protection District hereby formally rescinds all prior versions of the California Fire Code and prior amendments that have been adopted by this or prior Board of Directors.

**SECTION 2.** The Board of Directors of the Meeks Bay Fire Protection District finds that modifications or changes to the California Fire Code are reasonably necessary because of local climatic, geological, or topographical conditions within the jurisdictional boundaries of the District. The Board of Directors sets forth the following findings of fact to support its amendments to the 2022 California Fire Code:

1. These amendments are necessary for the preservation of the public health and safety and welfare due to the unique local climatic, geological, and topographical conditions found within the District boundaries.
2. The District encompass a variety of elevations and topographical challenges which give rise to the need to modify certain provisions of the California Fire Code in order to adequately protect and defend the citizens and property within the District boundaries from catastrophic wildfires and other emergencies.
3. The District encompasses a variety of terrain ranging from steep slopes to valleys, and rivers and canals, which create impediments to fire equipment access, public egress, and community safety.
4. The District includes areas with limited access due to narrow and steep roads which hinders fire apparatus travel over these roads, resulting in delay response times to emergencies, and creating impediments to public safety.
5. The District includes areas where the slope of the terrain is extreme. These steep slopes limit the ability of firefighters to effectively work on the slopes, and at the same time, result in rapid fire spread up the slope. The combination of these two factors creates a situation that is dangerous to firefighter safety and results in increased fire spread endangering other areas and structures.
6. The District routinely experiences severe winter weather, such as freezing conditions, heavy rains, snowfall, etc. These climatic conditions present difficulty and delays in fire apparatus responding to and accessing properties.
7. The severe winter weather within the District results in traffic delays, downed trees, and fallen powerlines, all of which slow fire apparatus response, hinder fire apparatus access to properties, and impede access to equipment and facilities on these properties.
8. The severe winter weather within the District results in obstructed access to doors and entry openings into buildings and structures. Obstruction of these openings reduces the ability for fire personnel to enter buildings and respond to emergencies, which delays firefighter action against a growing fire.
9. The severe winter weather within the District creates hazards due to additional snow loads. These snow loads cause damage to aboveground equipment and appliances as the snow melts and slides downslope.
10. The entire District is subject to wildland fires. Wildland fires pose a drawdown of equipment and personnel available to respond to additional emergencies within the District. The drawdown results in a delay in firefighter action due to extended response times from other fire stations or fire departments.

**SECTION 3.**

PASSED AND ADOPTED BY THE BOARD OF DIRECTORS OF THE MEEKS BAY FIRE PROTECTION DISTRICT OF THE COUNTY OF EL DORADO AT A REGULAR BOARD MEETING OF SAID BOARD, HELD ON THE 16th DAY OF NOVEMBER, 2022 BY THE FOLLOWING VOTE OF SAID BOARD:

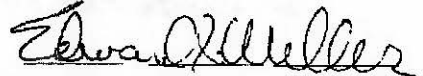
AYES:

Directors: Fielding, Kremydas, Miller, and Millsagle

NOES: None

ABSTENTIONS: None

ABSENT: None



PRESIDENT, BOARD OF DIRECTORS

BY: Edward I. Miller

I CERTIFY THAT THE FOREGOING IS A CORRECT COPY OF A RESOLUTION DULY ADOPTED BY SAID BOARD OF DIRECTORS ON THE DATE THEREIN SET FORTH.



CLERK OF THE BOARD OF DIRECTORS

BY: Melissa Daniels

**NEVADA COUNTY  
PUBLISHING COMPANY**

South Lake Tahoe, CA

**AFFIDAVIT OF PUBLICATION**



**Proof and Statement of  
Publication**

**Ad #:**

See Proof on Next Page

**Customer Account #:**

**Reference:** 8CD06 MBF 2022 Fire Code Ordinance

**Legal Account**

Melissa Daniels

PO BOX 189

County of Nevada, State of California. The undersigned, Deona Deselms, being the principal clerk of the Nevada County Publishing Co, declares that the Nevada County Publishing Co, now is, and during all times herein named, was a corporation duly organized and existing under the laws of the State of California, and now is, and during all times herein named was the printer of **The Sierra Sun**, a newspaper of general circulation, as defined by section 6000 of the Government Code of the State of California, printed and published daily (Sundays excepted) in the City of Truckee, County of Nevada, State of California, and that affiant is the principal clerk of said Nevada County Publishing Co. That the printed advertisement hereto annexed was published in the said The Sierra Sun, for the full required period of 2 time(s) commencing on 4 Nov 2022, and ending on 11 Nov 2022, all days inclusive.

I certify, under penalty of perjury, the foregoing is true and correct.

Signed: Deona Deselms

Legals Advertising Clerk

NOTICE IS HEREBY GIVEN pursuant to Section 13689.7, Fire Protection District Law of 1987 that Meeks Bay Fire Protection District Board of Directors will on November 16, 2022 adopt Resolution 2022-19 Findings of Fact and will, on November 18, 2022, at the hour of 3:30 p.m. via GoToMeeting hold a public hearing for the purpose of adopting Ordinance 22-01 regarding the 2022 Fire Code. Any interested person may be present at the public hearing and/or may submit written comments concerning the proposed Ordinance 22-01.

As permitted by the Executive Department, State of California Executive Order N-29-20, the 8041 Hwy 89, Meeks Bay, California location will not be accessible to the public. Any interested person may access and participate in the public hearings via GoToMeeting (link will be posted on agenda 72 hours prior to the meeting). Written comments on the proposed Ordinance 22-01 regarding the 2022 Fire Code must be received no later than 24 hours before the public hearing by emailing them to Melissa Daniels, Clerk of the Board of Directors, at [mdaniels@ntfire.net](mailto:mdaniels@ntfire.net).

A copy of the proposed Ordinance 22-01 regarding the 2022 Fire Code will be available for inspection on our website ([www.meeksbayfire.com](http://www.meeksbayfire.com)) after November 11, 2022.

Publication Dates, November 4, November 11, 2022  
**Published: November 4, 11, 2022**