

Section 12. Chapter 17.32, Title 17 of the Ordinance Code of the County of Kern, is hereby repealed; and a new Chapter 17.32, Title 17 of the Ordinance Code of the County of Kern, is hereby added to read as follows:

**CHAPTER 17.32
FIRE CODE**

Sections:

- 17.32.001 California Fire Code – Adopted.**
- 17.32.002 Establishment of limits of districts in which storage of flammable cryogenic fluids in stationary containers is to be prohibited.**
- 17.32.003 Establishment of limits of districts in which storage of flammable or combustible liquids in outside above-ground tanks is prohibited.**
- 17.32.004 Establishment of limits of districts in which storage of liquefied petroleum gases is restricted.**
- 17.32.005 Establishment of limits of districts in which storage of explosives and blasting agents is to be prohibited.**
- 17.32.006 Establishment of limits of districts in which the storage of compressed natural gas is to be prohibited.**
- 17.32.008 Section 101.1 amended – Title.**
- 17.32.012 Section 103.2 amended – Appointment.**
- 17.32.014 Section 103.3 amended – Fire personnel and police.**
- 17.32.016 Section 105.1.1 amended – Permits required.**
- 17.32.018 Section 105.6 amended – Required operational permits.**
- 17.32.020 Section 105.7 amended – Required construction permits.**
- 17.32.022 Section 106.2.1 amended – Inspection requests.**
- 17.32.024 Section 108.2 amended – Limitations on authority.**
- 17.32.026 Section 109.3 amended – Violation penalties.**
- 17.32.028 Section 111.4 amended – Failure to comply.**
- 17.32.030 Section 305.5 added – Hazardous environmental conditions.**
- 17.32.032 Section 401.3 amended – Emergency responder notification.**
- 17.32.034 Table 405.2 Footnote ‘a’ amended – Fire and evacuation drill frequency and participation.**
- 17.32.036 Section 503.1.1 amended – Buildings and facilities.**
- 17.32.038 Section 503.2.1 amended – Dimensions.**
- 17.32.039 Section 503.2.2 added – Authority**
- 17.32.040 Section 503.4 amended – Obstruction of fire apparatus access roads.**
- 17.32.042 Section 507 amended – Fire protection water supplies.**
- 17.32.044 Section 703.1 amended – Maintenance.**

- 17.32.045 Section 806.1.1 amended – General.**
- 17.32.046 Section 903.2.1 amended – Group A.**
- 17.32.047 Section 903.2.1.1 amended – Groups A-1, A-2, A-3 and A-4.**
- 17.32.048 Section 903.2.1.2 deleted – Group A-2.**
- 17.32.049 Section 903.2.1.3 deleted – Group A-3.**
- 17.32.050 Section 903.2.1.4 deleted – Group A-4.**
- 17.32.051 Section 903.2.2.1 added – Group B**
- 17.32.052 Section 903.2.3 amended – Group E.**
- 17.32.053 Section 903.2.4 amended – Group F.**
- 17.32.054 Section 903.2.7 amended – Group M.**
- 17.32.055 Section 903.2.9 amended – Group S-1.**
- 17.32.056 Section 903.2.9.1 amended – Repair garages**
- 17.32.057 Section 903.2.10 amended – Group S-2**
- 17.32.058 Section 903.2.11 amended – Multi-story buildings and buildings 55 feet or more in height.**
- 17.32.059 Section 903.3.1.2.2 added – Attic area of Group R.**
- 17.32.060 Section 903.3.9 added – Fire sprinkler control room.**
- 17.32.062 Section 903.6 amended – Existing buildings.**
- 17.32.064 Section 905.5.3 deleted – Class II system 1-inch hose.**
- 17.32.066 Section 907.10 added – Fire alarm control room.**
- 17.32.066 Section 907.2.1 amended – Group A (Fire alarm and detection systems).**
- 17.32.067 Section 907.2.8.1 amended – Group R-1 (Manual fire alarm systems).**
- 17.32.068 Section 907.2.9 amended – Group R-2 (Fire alarm and detection systems).**
- 17.32.069 Section 907.10 added – Fire alarm control room.**
- 17.32.074 Section 2306.2.3 amended – Above-ground tanks located outside, above grade.**
- 17.32.080 Section 2308.3.2 added – Maximum capacity within established limits.**
- 17.32.088 Section 5001.1 amended – Scope.**
- 17.32.089 Section 5001.7 added – Facility correction plan.**
- 17.32.091 Section 5203.4 amended – Agricultural products.**
- 17.32.092 Section 5602 added – Storage within established limits.**
- 17.32.093 Section 5603 added – Fireworks.**
- 17.32.094 Section 5609 added – Safe and sane fireworks.**
- 17.32.095 Section 5701.2 amended – Nonapplicability.**
- 17.32.097 Section 5704.2.7.10 amended – Leak reporting.**
- 17.32.098 Section 5706.3.1.3 amended – Buildings.**
- 17.32.099 Section 5706.3.3.3 amended – Security.**
- 17.32.100 Section 6104.4 amended – Multiple LP-gas container installation.**
- 17.32.101 Section 6108.1 amended – General.**
- 17.32.103 Chapter 80 amended – FM Global.**

- 17.32.104 Section 4906 amended – Hazardous Vegetation and fuel management.**
- 17.32.108 Appendix D Section D103.3 amended – Turning radius.**
- 17.32.109 Appendix D Section D103.4 and Table D103.4 amended – Dead-ends.**
- 17.32.110 Appendix D Section D103.6 amended – Fire Lanes.**
- 17.32.111 Appendix D Section D103.6.1 Amended roads 20 to 26 feet in width.**
- 17.32.112 Appendix D Section D103.6.2 Amended roads more than 26 feet in width.**

17.32.001 California Fire Code – Adopted.

California Code of Regulations, Title 24, Part 9, 2013 Edition of the California Fire Code being that portion of the California Building Standards Code that imposes substantially the same requirements as are contained in the International Fire Code, 2012 Edition published by the International Code Council and the California Building Standards Commission with errata, together with those portions of the International Fire Code, 2012 Edition, including Appendix Chapter 1, B, C, and D 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 Kern County 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, the installation and maintenance of adequate means of egress not provided for by the building code, and providing for the issuance of permits and collection of fees therefore.

17.32.002 Establishment of limits of districts in which storage of flammable cryogenic fluids in stationary containers is to be prohibited.

The limits referred to in Section 5806.2 of the Kern County Fire Code in which storage of flammable cryogenic fluids in stationary containers is prohibited, are hereby established as the unincorporated area of the County of Kern.

EXCEPTIONS:

1. The storage of flammable cryogenic fluids in stationary containers is allowed in an M-2 Zone with a Conditional Use Permit issued by the Planning Department.
2. The storage of flammable cryogenic fluids in stationary containers is allowed in an M-3 Zone.

17.32.003 Establishment of limits of districts in which storage of flammable or combustible liquids in outside aboveground tanks is prohibited.

The limits referred to in Sections 5704.2.9.6.1 and 5706.2.4.4 of the Kern County Fire Code in which the storage of flammable or combustible liquids in aboveground tanks is restricted, are hereby established as the unincorporated area of the County of Kern.

EXCEPTIONS:

1. The storage of flammable or combustible liquids in aboveground tanks outside of buildings is allowed in A or A-1 Zones;
2. The storage of flammable or combustible liquids in aboveground tanks outside of buildings is allowed in M-1, M-2 or M-3 Zones;
3. The storage of flammable or combustible liquids in aboveground tanks outside of buildings is allowed in NR Zones.

17.32.004 Establishment of limits of districts in which storage of liquefied petroleum gases is restricted.

The limits referred to in Section 6104.2 of the Kern County Fire Code, in which storage of liquefied petroleum gas in excess of an aggregate of 2,000 gallons water capacity is restricted are hereby established as the unincorporated area of the County of Kern.

EXCEPTIONS:

1. The storage of liquefied petroleum gas in excess of 2,000 gallons water capacity is allowed in M-2 or M-3 Zones, when located at least one-half (1/2) mile from property zoned or designated for residential use and at least one-half (1/2) mile from existing residential development with a density greater than one (1) dwelling unit per acre and at least one-half (1/2) mile from any hotel or motel.
2. The storage of liquefied petroleum gas in excess of 2,000 gallons water capacity is allowed in M-2 or M-3 Zones with a Conditional Use Permit issued by the Planning Department.

17.32.005 Establishment of limits of districts in which storage of explosives and blasting agents is to be prohibited.

The limits referred to in Chapter 55 of the Kern County Fire Code, in which storage of explosives and blasting agents is prohibited, are hereby established as the unincorporated area of the County of Kern, except that such storage is allowed in the following zoning districts:

1. M-2 Zone with a Conditional Use Permit issued by the Planning Department.

2. M-3 Zone.

17.32.006 Establishment of limits of districts in which the storage of compressed natural gas is to be prohibited.

The limits referred to in Section 5806.2 of the Kern County Fire Code, in which the storage of compressed natural gas is prohibited are hereby established as the unincorporated area of the County of Kern, except that such storage is allowed in the following zoning districts:

1. C-1, C-2, or CH Zones.
2. M-2 or M-3 Zones.

17.32.008 Section 101.1 amended – Title.

Section 101.1 of Appendix Chapter 1 of the Kern County Fire Code is amended to read as follows:

101.1 Title. These regulations shall be known as the Kern County Fire Code, hereinafter referred to as “this code.”

17.32.012 Section 103.2 amended – Appointment.

Section 103.2 of *DIVISION II ADMINISTRATION* of the Kern County Fire Code is amended to read as follows:

103.2 Appointment. The fire code official is designated as the Fire Chief of the Kern County Fire Department. The *fire code official* shall not be removed from office except for cause and after full opportunity to be heard on specific and relevant charges by and before the appointing authority.

17.32.014 Section 103.3 amended – Fire personnel and police.

Section 103.3.1 of *DIVISION II ADMINISTRATION* of the Kern County Fire Code is amended to read as follows:

103.3 Fire personnel and police. All chief officers, captains, and engineers, of the Kern County Fire Department shall have the powers of a peace officer in performing their duties under this Code.

When requested to do so by the fire chief, the Sheriff or the chief of police is authorized to assign such available law enforcement officers as necessary to assist the fire department.

17.32.016 Section 105.1.1 amended – Permits required.

Section 105.1.1 of *DIVISION II ADMINISTRATION* of the Kern County Fire Code is amended to read as follows:

105.1.1 Permits required. Permits required by this code shall be obtained from the fire prevention office. Applications for permits shall be made in such form and detail as prescribed by the chief. Applications for permits shall be accompanied by such plans as required by the chief.

The Chief, fire marshal and the building official shall act as a committee to determine and specify, after giving affected persons an opportunity to be heard, any new materials, processes or occupancies, which shall require permits, in addition to those now enumerated in this code. The fire marshal shall post such list in a conspicuous place in his office, and distribute copies thereof to interested persons.

Any applicable permit fees shall be paid at the time of application for the permit. The fees shall be established by the Board of Supervisors.

A penalty fee shall be assessed to the owner or operator for failure to obtain a permit prior to commencing an operation for which a permit is required in Sections 105.6 and 105.7.

17.32.018 Section 105.6 amended – Required operational permits.

Section 105.6 of *DIVISION II ADMINISTRATION* of the Kern County Fire Code is amended to read as follows:

105.6 Required operational permits. The *fire code official* is authorized to issue operational permits for the operations set forth in Sections 105.6.1 through 105.6.46, and for those operations, listed below. An operational permit shall be obtained from the Fire Department prior to engaging in the following activities, operations, practices or functions and those listed in Section 105.6 of the 2013 CFC:

1. **Burning.** An operational permit is required to ignite or cause to be ignited tumbleweeds, agricultural waste or other combustible material as provided for by the Rules and Regulations of the Air Pollution Control District with jurisdiction.

2. **Explosives or blasting agents.** An operational permit is required for the transportation, manufacture, storage, handling, sale or use of any quantity of explosives, explosive materials within the scope of Chapter 56.

EXCEPTION: Storage in Group R-3 occupancies of smokeless propellant, black powder and small arms primers for personal use, not for resale and in accordance with Section 5606.

3. **Fireworks booths.** An operational permit is required to operate a booth for the sale of Safe and Sane Fireworks.

4. **Model rocket engines.** An operational permit is required to sell or offer for sale model rocket engines as defined in California Code of Regulations, Title 19, Subchapter

5. **Place of assembly.** An operational permit is required to conduct an assembly either outdoors or in a facility which is not designed or constructed as an assembly occupancy.

6. **Public displays.** An operational permit is required to store, discharge or use explosives or fireworks, other than Safe and Sane

Fireworks at a public gathering.

7. **Special effects.** An operational permit is required to store, discharge or use pyrotechnic special effects materials, fireworks, explosives or open flame for filming or theatrical purposes.

8. **Business Operating Permit.** An operational permit is required to conduct business or operate a facility that is regulated by the California State Fire Marshal.

9. **Institutional Facility Operating Permit.** An operational permit is required to operate an institutional facility regulated by the California State Fire Marshal.

17.32.020 Section 105.7 amended – Required construction permits.

Section 105.7 of *DIVISION II ADMINISTRATION* of the Kern County Fire Code is amended to read as follows:

105.7 Required construction permits. The *fire code official* is authorized to issue construction permits for work as set forth in Sections 105.7.1 through 105.7.16 and for those operations, listed below. A construction permit shall be obtained from the Fire Department prior to engaging in the following activities, operations, practices or functions and those listed in Section 105.7 of the 2013 CFC:

A construction permit shall be obtained from the Fire Department prior to engaging in the following activities, operations, practices or functions:

1. **Fire protection systems.** A construction permit is required to install, alter or modify a fixed fire extinguishing system which uses halon, CO₂, dry chemicals, liquid agent or other extinguishing agent. Maintenance performed in accordance with this code is not considered a modification and does not require a permit.

2. **Fire pumps and related equipment.** A construction permit is required for installation of or modification to fire pumps and related fuel tanks, jockey pumps, controllers, and generators. Maintenance performed in accordance with this code is not considered a modification and does not require a permit.

3. **Flammable or combustible liquid tanks.** A construction permit is required:

A. To install an aboveground tank with a storage capacity of one hundred (100) gallons or more, which will hold flammable or combustible liquids.

EXCEPTION: A permit shall not be required for an oil production, refining or pipeline transportation tank when such tank or group of tanks spaced less than fifty (50) feet (1542 mm) apart, shell to shell, has a liquid surface area of fifteen hundred (1500) square feet (139 m²) or less, or has a capacity of less than one hundred (100) barrels.

B. To alter, rehabilitate, or place temporarily out of service or otherwise dispose of any flammable or combustible liquid tank which is not related to oil production, refining or pipeline transportation activities.

C. To abandon or dispose of any aboveground flammable or combustible liquid tank.

EXCEPTION: A tank located on agricultural property which does not exceed one thousand one hundred (1,100) gallons.

4. **Oil and Natural gas wells.** To drill an oil or natural gas well which is considered a "critical well" as defined by California Code of Regulations, Title 14, Section 1720(a).

5. **Sprinkler systems.** A construction permit is required to install, alter or modify a fire sprinkler system. Maintenance performed in accordance with this code is not considered a modification and does not require a permit.

17.32.022 Section 106.2.1 added – Inspection requests.

Section 106.2.1 of *DIVISION II ADMINISTRATION* of the Kern County Fire Code to amended read as follows:

106.2.1 Inspection requests. It shall be the duty of the permit holder or their duly authorized agent to notify the *fire code official* when work is ready for inspection. It shall be the duty of the permit holder to provide access to and means for inspections of such work that is required by this code. Every request for inspection shall be filed not less than two working days before such inspection is desired. Such request may be in writing or by telephone.

17.32.024 Section 108.2 amended – Limitations on authority.

Section 108.2 of *DIVISION II ADMINISTRATION* of the Kern County Fire Code is amended to read as follows:

108.2 Limitations on authority. Any decision of the Chief relating to the interpretation of this Code, or to the standards referred to hereinabove, shall be subject to appeal to the Board of Building Appeals, upon payment of the fee required for Kern County Building Code appeals to that Board. Any decision of the Board of Building Appeals shall be subject to appeal to the Board of Supervisors, as provided by Section 17.04.160 of this Code.

17.32.026 Section 109.3 amended – Violation penalties.

Section 109.3 of *DIVISION II ADMINISTRATION* of the Kern County Fire Code is amended to read as follows:

109.3 Violation penalties. Except as provided herein, any person who shall violate a provision of this code or who shall fail to comply with any of the requirements thereof or fail to comply with any order made thereunder by competent authority, or who shall erect, install, alter, repair or do work which deviates from any specifications or plans submitted to and approved by the fire marshal, or of a permit or certificate issued under provisions of this code shall for each and every such violation or failure to comply be guilty of a misdemeanor and shall, upon conviction, be subject to a fine of not more than \$500, or by imprisonment in the county jail of the County of Kern for not more than six (6) months, or both such fine and imprisonment. The maximum administrative penalty for a violation of sections 5608 or 5609 of this Code shall be a fine in the amount of one thousand five hundred dollars (\$1,500.00). The administrative penalty for any violation of any other section of this Code shall be as provided in Kern County Ordinance Code Section 8.54.060. All enforcement of administrative penalties shall be conducted pursuant to Chapter 8.54 of the Kern County Ordinance Code.

A conviction for any offense under the provisions of this Code shall not excuse the violation or authorize its continuance and the person or persons convicted of such offense shall be required to correct or remedy any condition or installation which fails to comply with the requirements of this Code with reasonable diligence. Each day that a condition prohibited by the provisions of this Code is caused or permitted to be maintained or continued shall constitute a separate and distinct offense.

17.32.028 Section 111.4 amended – Failure to comply.

Section 111.4 of *DIVISION II ADMINISTRATION* of the Kern County Fire Code is amended to read as follows:

111.4 Failure to comply. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than \$500 dollars or more than \$1,000.

17.32.030 Section 305.5 added – Hazardous environmental conditions.

Section 305.5 is added to Chapter 3 of the Kern County Fire Code to read as follows:

305.5 Hazardous environmental conditions. When the chief determines that hazardous environmental conditions necessitate restricted use of open flame or other ignition sources, the chief is authorized to prohibit the use or ignition of any such materials.

17.32.032 Section 401.3 amended – Emergency responder notification.

Section 401.3 of Chapter 4 of the Kern County Fire Code is amended to read as follows:

401.3 Emergency responder notification. Notification of emergency responders shall be in accordance with Sections 401.3.1 through 401.3.3.

401.3.1 Fire and other emergency events. In the event an unwanted fire or other event, requiring a fire department response, occurs on a property, or the discovery of a fire, smoke or unauthorized release of flammable or hazardous materials which necessitates an emergency response on any property occurs, the owner or occupant shall immediately report such condition to the fire department.

401.3.2 Alarm activation. Upon activation of a fire alarm signal, employees or staff shall immediately notify the fire department. Building employees and tenants shall implement the appropriate emergency plans and procedures.

17.32.034 Table 405.2 Footnote 'a' amended – Fire and evacuation drill frequency and participation.

Footnote 'a' to Table 405.2 of Chapter 4 of the Kern County Fire Code is amended to read as follows:

a. The frequency in all school levels shall be allowed to be modified in accordance with Section 408.3.4. Secondary level schools need only conduct evacuation drills twice each school year.

17.32.036 Section 503.1.1 amended – Buildings and facilities.

Section 503.1.1 of Chapter 5 of the Kern County Fire Code is amended by adding a sentence at the end of the paragraph to read as follows:

Access in commercial, industrial, or other zones may require paving to match the grade of the rails where railroad loading is planned.

17.32.038 Section 503.2.1 amended – Dimensions.

Section 503.2.1 of Chapter 5 of the Kern County Fire Code is amended to read as follows:

503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than twenty (20) feet (6096 mm), exclusive of shoulders, except for *approved* security gates in accordance with Section 503.6 and an unobstructed vertical clearance of fifteen (15) feet (4572 mm).

EXCEPTION: When serving only one Group R-3 or Group U Occupancy the unobstructed width of the access road may be twelve (12) feet (3658 mm).

No access road shall be less than thirty-two (32) feet (9754 mm) in

width if vehicle parking is permitted on one side of the access road and not less than forty (40) feet (12 192 mm) in width if vehicle parking is permitted on both sides of the access road. To permit the free passage of vehicles, access roads designed for vehicle parking on only one side shall have signs or markings prohibiting the parking of vehicles on the traffic flow side of the roadway.

An access road divided into separate adjacent one-way traffic lanes by a curbed divider or similar obstacle shall be not less than fifteen (15) feet (4572 mm) in unobstructed width on each side of the divider.

17.32.039 Section 503.2.2 amended – Authority.

Section 503.2.2 of Chapter 5 of the Kern County Fire Code is amended to read as follows:

The *fire code official* shall have the authority to require an increase in the minimum access widths and heights, where they are inadequate for fire or rescue operations.

17.32.040 Section 503.4 amended – Obstruction of fire apparatus access roads.

Section 503.4 of Chapter 5 of the Kern County Fire Code is amended to read as follows:

503.4 Obstruction of fire apparatus access roads. The required width of a fire apparatus access road shall not be obstructed in any manner, including parking of vehicles. Fire apparatus access roads that are temporarily impassable due to inclement weather conditions including, but not limited to snow, dust, and flood, are not considered obstructed. The minimum required widths and clearances established under Section 503.2.1 shall be maintained at all times. Fire apparatus access roads shall be established, constructed, and maintained in such a manner as to allow direct access to the building, mobile home or facility at all times without any physical obstruction or legal hindrance.

Entrances to roads, trails or other access-ways which have been closed with gates and barriers in accordance with Section 503.6 shall not be obstructed by parked vehicles.

17.32.042 Section 507 amended – Fire Protection Water Supplies.

Section 507 of Chapter 5 of the Kern County Fire Code is amended to read as follows:

507.1 Required water supply. An approved water supply capable of supplying the required fire flow for fire protection shall be provided to premises upon which facilities, buildings or portions of buildings are hereafter constructed or moved into or within the jurisdiction.

507.1.1 Existing facilities. When required by the chief, water supply and fire hydrants shall be provided at existing facilities when the fire load potential exceeds the water supply availability.

507.2 Type of water supply. The water supply shall consist of pressure tanks, elevated tanks, pumps, water mains or other fixed systems capable of providing the required fire flow.

507.2.1 Private fire service mains. Private fire service mains and appurtenances shall be installed in accordance with NFPA 24.

507.2.2 Water tanks. Water tanks for private fire protection shall be installed in accordance with NFPA 22.

507.3 Fire flow. Fire flow requirements for buildings or portions of buildings and facilities shall be determined by the fire code official and shall be computed on the basis of a minimum 20 p.s.i.g. (137.9 kPa) residual operating pressure at the point of lowest pressure of the street main from which the flow is measured. In setting the requirements for fire flow, the fire code official may be guided by the provisions in Appendix B and by the minimum requirements set forth in Table 507.5.7.1, but may require higher standards on the basis of local conditions, exposure, congestion, or construction of the building. The required fire flows are to be provided in addition to the domestic requirements.

507.4 Water supply test. The fire code official shall be notified prior to the water supply test. Water supply tests shall be witnessed by the fire code official or approved documentation of the test shall be provided to the fire code official prior to final approval of the water supply system.

507.5 Fire hydrant systems. Fire hydrant systems, including the location, number and type of fire hydrants, shall comply with Sections 507.5.1 through 507.5.7.

507.5.1 Where required. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 400 feet (122 m) from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains supplying the required fire flow shall be provided where required by the fire code official.

EXCEPTION:

1. For other than Group H occupancies and facilities with high-piled combustible storage, buildings equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2, the distance requirement shall be 600 feet (183 m).

507.5.2 Inspection, testing and maintenance. Fire hydrant systems shall be subject to periodic tests as required by the fire code official. Fire hydrant systems shall be maintained in an operative condition at all times and shall be repaired where defective. Additions, repairs, alterations and servicing shall comply with approved standards.

507.5.3 Private fire service mains and water tanks. Private fire service mains and water tanks shall be periodically inspected, tested and maintained in accordance with *Title 19 California Code of Regulations, Chapter 5*.

507.5.4 Obstruction. Posts, fences, vehicles, growth, trash, storage and other materials or objects shall not be placed or kept near fire hydrants, fire department inlet connections or fire protection system control valves in a manner that would prevent such equipment or fire hydrants from being immediately discernible. The fire department shall not be deterred or hindered from gaining immediate access to fire protection equipment or fire hydrants.

Fire hydrants shall be accessible to the fire department apparatus by roadways meeting the requirements of Section 503.

507.5.5 Clear space around hydrants. A clear space of 3-feet (914 mm) shall be maintained around the circumference of fire hydrants except as otherwise required or approved.

507.5.6 Physical protection. Where fire hydrants are subject to impact by a motor vehicle, guard posts or other approved means shall comply with Section 312.

507.5.7 Fire hydrant installations. The location, number and type of fire hydrants shall be in accordance with Sections 507.5.7.1 through 507.5.7.3 and as required and approved by the fire code official. Such fire hydrants shall be provided on the public street or on the site of the premises to be protected as required and approved by the fire code official.

507.5.7.1 Fire hydrant spacing. Fire hydrants shall be installed with a maximum spacing between hydrants as indicated in Table No. 507.5.7.1 and the following:

1. A hydrant shall be placed at each intersection except where this would provide excessive hydrant coverage.

EXCEPTION: The spacing of hydrants shall have an individual tolerance of ten (10) percent. However, the average spacing between any three (3) adjacent hydrants shall not exceed the required spacing.

2. Fire hydrant spacing shall be computed separately for each side of major highways, divided roadways, canals, or railways.

3. The last hydrant on a cul-de-sac or stub street shall not be more than one-half (1/2) the maximum spacing from the end of the street.

TABLE NO. 507.5.7.1 - Fire Flow Requirements

District Classification	Minimum Fire Flow^a	Minimum Duration (Hours)	Maximum Hydrant Spacing
Residential Includes: 1 and 2 family dwellings	500 GPM 1893 L/min	1	660' 202 m
Commercial Includes: all commercial uses, hotels, apartments, multiple residence buildings, schools, and colleges	1,500 GPM 5678 L/min	2	330' 101 m
Industrial	1,500 GPM 5678 L/min	4	330' 101 m

^a When required by the fire code official, the required fire flow may be increased in accordance with Section 507.3.

507.5.7.2 Installation. Whenever any hydrant or other valve which is intended for use for fire suppression purposes, is installed or replaced, the same shall be installed or replaced in accordance with the Kern County Development Standards.

507.5.7.3 Water distribution system. The water distribution system shall be provided with valves and other facilities, such as tanks, so that no point on any lot at the street right-of-way shall be more than one and one-half (1-1/2) times the maximum hydrant spacing from a working hydrant as a result of any single break or shutdown for repairs, except where impractical.

All water mains serving hydrants shall have a minimum nominal diameter of six (6) inches (15 mm). Stub lines over eight hundred (800) feet (24 m) in length or supporting more than one hydrant shall have a minimum nominal diameter of eight (8) inches (20 mm).

17.32.044 Section 703.1 amended – Maintenance.

Section 703.1 of Chapter 7 of the Kern County Fire Code is amended by adding a sentence to the end of the paragraph to read as follows:

703.1 Maintenance. Any deficiency or lack of maintenance, or opening or hole in the structure which would tend to increase the severity of fire or the spread of fire shall be corrected immediately.

17.32.045 Section 806.1.1 amended – General.

Section 806.1.1 of Chapter 8 of the Kern County Fire Code is amended to read as follows:

806.1.1 Restricted occupancies. Natural cut trees shall be prohibited in Group A, E, I-1, I-2, I-3, I-4, M, R-1, R-2 and R-4 occupancies.

EXCEPTIONS:

1. Trees located in areas protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 shall not be prohibited in Groups A, E, M, R-1 and R-2.
2. Trees shall be allowed within dwelling units in Group R-2 occupancies.
3. Trees located and treated in accordance with Kern Fire Prevention Standard 806.1-1.

17.32.046 Section 903.2.1 amended – Group A.

Section 903.2.1 of Chapter 9 of the Kern County Fire Code is amended to read as follows:

903.2.1 Group A. An automatic sprinkler system shall be provided throughout buildings and portions thereof used as Group A occupancies as provided in this section. For Group A-1, A-2, A-3, and A-4 occupancies, the automatic sprinkler system shall be provided throughout the entire building containing a Group A-1, A-2, A-3 or A-4 occupancy. For Group A-5 occupancies, the automatic sprinkler system shall be provided in the spaces indicated in Section 903.2.1.5.

17.32.047 Section 903.2.1.1 amended – Groups A-1, A-2, A-3 and A-4.

Section 903.2.1.1 of Chapter 9 of the Kern County Fire Code is amended to read as follows:

903.2.1.1 Groups A-1, A-2, A-3 and A-4. An automatic sprinkler system shall be provided for Group A-1, A-2, A-3 and A-4 occupancies.

EXCEPTION:

1. Assembly rooms or spaces with a cumulative area less than 1,000 square feet (93 m²) where no alcohol is consumed and a fire alarm is installed when required by Section 907.
2. A group A-3 occupancy with a fire area that does not exceed 5,000 square feet (464.5 m²), an occupant load less than 100, the A-3 is located on the level of exit discharge and the building contains a fire alarm as required by Section 907.2.1.

17.32.048 Section 903.2.1.2 deleted – Group A-2.

Section 903.2.1.2 of Chapter 9 of the Kern County Fire Code is deleted.

17.32.049 Section 903.2.1.3 deleted – Group A-3.

Section 903.2.1.3 of Chapter 9 of the Kern County Fire Code is deleted.

17.32.050 Section 903.2.1.4 deleted – Group A-4.

Section 903.2.1.4 of Chapter 9 of the Kern County Fire Code is deleted.

17.08.051 Section 903.2.2.1 added - Group B.

Section 903.2.2.1 of the California Fire Code is added to read as follows:

903.2.2.1 Group B. An automatic sprinkler system shall be provided throughout buildings containing a Group B occupancy where one of the following conditions exists:

1. A Group B fire area exceeds 10,000 square feet (929 m²);
2. A Group B fire area is located more than three stories above grade plane; or
3. The combined area of all Group B fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m²).

17.32.052 Section 903.2.3 amended – Group E.

Section 903.2.3 Item 1, of Chapter 9 of the Kern County Fire Code is amended to read as follows:

1. Throughout all Group E fire areas greater than 10,000 square feet (929 m²) in area.

17.32.053 Section 903.2.4 amended – Group F.

Section 903.2.4 of Chapter 9 of the Kern County Fire Code is amended to read as follows:

903.2.4 Group F. An automatic sprinkler system shall be provided throughout all buildings containing a Group F occupancy where one of the following conditions exists:

1. A Group F fire area exceeds 10,000 square feet (929 m²);
2. A Group F fire area is located more than three stories above grade plane; or
3. The combined area of all Group F fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m²).
4. A Group F-1 occupancy used for the manufacture of upholstered furniture or mattresses exceeds 2,500 square feet (232 m²).

17.32.053 Section 903.2.7 amended – Group M.

Section 903.2.7, Item 1, of Chapter 9 of the Kern County Fire Code is amended to read as follows:

1. Where a Group M fire area exceeds 10,000 square feet (929 m²);

17.32.055 Section 903.2.9 amended – Group S-1.

Section 903.2.9, Item 1, of Chapter 9 of the Kern County Fire Code is amended to read as follows:

1. A Group S-1 fire area exceeds 10,000 square feet (929 m²);

17.32.056 Section 903.2.9.1 Repair garages.

Section 903.2.9.1 of the Kern County Fire Code is amended to read as follows:

903.2.9.1 Repair garages. An automatic sprinkler system shall be provided throughout all buildings used as repair garages in accordance with Section 406.8 of the Kern County Building Code, as follows:

1. Buildings with a fire area containing a repair garage exceeding 10,000 square feet (929 m²).
2. Buildings with a repair garage servicing vehicles parked in the basement.
3. A Group S-1 fire area used for the repair of commercial trucks or buses where the fire area exceeds 5,000 square feet (464 m²).

17.32.057 Section 903.2.10 amended - Group S-2.

Section 903.2.10 of the Kern County Fire Code is amended to read as follows:

903.2.10 Group S-2. An automatic sprinkler system shall be provided throughout buildings classified as a Group S-2 occupancy where one of the following conditions exist:

1. A Group S-2 fire area exceeds 10,000 square feet (929 m²).
2. Where an enclosed parking garage is located beneath other occupancy groups.
3. The combined area of all Group S-2 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m²).

17.32.058 Section 903.2.11.3 amended – Multi-story buildings and buildings 55 feet or more in height.

Section 903.2.11.3 of Chapter 9 of the Kern County Fire Code is amended to read as follows:

903.2.11.3 Multi-story Buildings and buildings 55 feet (16 764 mm) or more in height. An automatic sprinkler system shall be installed throughout buildings more than 3 stories in height or with a floor level having an occupant load of 30 or more that is located 55 feet (16 764 mm) or more above the lowest level of fire department vehicle access.

EXCEPTIONS:

1. Airport control towers.
2. Open parking structures.

17.32.059 Section 903.3.1.2.2 added – Attic area of Group R.

Section 903.3.1.2.2 of Chapter 9 of the Kern County Fire Code is added to read as follows:

903.3.1.2.2 Attic areas of Group R. Sprinkler protection shall be provided within attic areas of Group R occupancies more than two stories in height. Sprinkler spacing and design in the attic areas shall be as required for attic areas in accordance with 903.3.1.1.

17.32.060 Section 903.3.9 added – Fire sprinkler control room.

Section 903.3.9 of Chapter 9 of the Kern County Fire Code is added to read as follows:

903.3.9 Fire sprinkler control room. When an automatic fire sprinkler system is installed in a building constructed for multiple tenants and the system protects multiple tenant spaces, the main controls, risers, gauges and appurtenances shall be located in an attached room or enclosure with access only from an exterior door which has a minimum size of 3'0" wide and 6'8" high. The equipment required to be in the fire sprinkler control room shall be located in the fire alarm control room when one is required in accordance with Section 907.10.

17.32.062 Section 903.6 amended – Existing buildings.

Section 903.6 of Chapter 9 of the Kern County Fire Code is amended to read as follows:

903.6 Existing buildings. The provisions of this section are intended to provide a reasonable degree of safety in existing structures not complying with the minimum requirements of the California Building Code by requiring installation of an automatic fire-extinguishing system.

903.6.1 Pyroxylin plastics. An automatic sprinkler system shall be provided in all existing buildings where cellulose nitrate film or pyroxylin plastics are manufactured, stored or handled in quantities exceeding 100 pounds (45 kg). Vaults located within buildings for the storage of raw pyroxylin shall be protected with an approved automatic sprinkler system capable of discharging 1.66 gallons per minute per square foot (68 L/min/m²) over the area of the vault.

903.6.2 Group I-2. An automatic sprinkler system shall be provided throughout Group I-2 fire areas where required in Chapter 11.

903.6.3 Existing buildings. An automatic sprinkler system shall be installed in existing buildings as follows:

1. In other than Group U occupancies, when the floor area of an existing building is increased and the total floor area exceeds ten thousand (10,000) square feet (929 m²) before or after the addition, or is otherwise required to be equipped with an automatic sprinkler system in accordance with this code, an automatic sprinkler system shall be installed throughout the entire building.

EXCEPTIONS:

1. If new or existing fire areas are clearly established within the limits of this code and approved by the Fire

- and Building Official.
2. Where a fire wall of 4 hour fire-resistive construction without openings is installed to separate the new and existing portions of the building, only the new portion need comply.

17.32.064 Section 905.5.3 deleted – Class II system 1-inch hose.

Section 905.5.3 of Chapter 9 of the Kern County Fire Code is deleted.

17.32.066 Section 907.2.1 amended – Group A (Fire alarm and detection systems).

The first paragraph of Section 907.2.1 of Chapter 9 of the Kern County Fire Code is amended to read as follows:

907.2.1 Group A. A manual/automatic alarm system that activates the occupant notification system in accordance with 907.5 shall be installed in all Group A occupancies.

The Exception is deleted

17.32.067 Section 907.2.8.1 amended – Group R-1 (Manual fire alarm systems).

Section 907.2.8.1 of Chapter 9 of the Kern County Fire Code is amended to read as follows:

907.2.8 Manual/Automatic Fire Alarm System. A manual/automatic fire alarm system that activates the occupant notification system in accordance with 907.5 shall be installed in all Group R-1 occupancies.

Exception 2 is deleted.

17.32.068 Section 907.2.9.1 amended – Group R-2 (Fire alarm and detection systems).

Section 907.2.9.1 of Chapter 9 of the Kern County Fire Code is amended to read as follows:

907.2.9.1 Manual/Automatic Fire Alarm System. A manual/automatic alarm system that activates the occupant notification system in accordance with 907.6 shall be installed in all Group R-2 occupancies.

Exception 2 is deleted.

17.32.069 Section 907.10 added – Fire alarm control room.

Section 907.10 of Chapter 9 of the Kern County Fire Code is added to read as follows:

907.10 Fire alarm control room. When a fire alarm system is installed in a building constructed for multiple tenants and the system protects multiple tenant spaces, the fire alarm control panel and appurtenances shall be located in an attached room or enclosure with access only from an exterior door which has a minimum size of 3'0" wide and 6'8" high. The equipment required to be in the fire alarm control room shall be located in the fire sprinkler control room when one is required in accordance with Section 903.3.8.

17.32.074 Section 2306.2.3 amended – Above-ground tanks located outside, above grade.

Section 2306.2.3 of Chapter 23 of the Kern County Fire Code of is amended to read as follows:

2306.2.3 Above-ground tanks located outside, above grade.

Above-ground tanks shall not be used for the storage of Class I, II or III liquid motor fuels except as provided by this section.

1. In areas not accessible to the public, above-ground tanks used for outside, above-grade storage of Class I, II or III liquid fuels shall be listed and labeled as protected above-ground tanks and be in accordance with Chapter 57. Such tanks shall be located in accordance with Table 306.2.3.

2. In areas accessible to the public, above-ground tanks used for above-grade storage of Class II or III liquid fuels shall be protected above-ground tanks provided the separation requirements to buildings, property lines, dispensing areas and parking areas in Table 2306.2.3 are increased to 50 feet (152.4 mm).

17.32.080 Section 2308.3.2 added – Maximum capacity within established limits.

Section 2308.3.2 of Chapter 23 of the Kern County Fire Code is added to read as follows:

2308.3.2 Maximum capacity within established limits. Within the limits established by law restricting the storage of compressed flammable gas for the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed a water capacity of 183,000 gallons (5 181 974 L).

17.32.088 Section 5001.1 amended – Scope.

Section 5001.1 of Chapter 50 of the Kern County Fire Code is amended to read as follows:

5001.1 Scope. Prevention, control and mitigation of dangerous conditions related to storage, dispensing, use and handling of hazardous materials shall be in accordance with this chapter.

This chapter shall apply to all hazardous materials, including those materials regulated elsewhere in this code, except that when specific requirements are provided in other chapters, those specific requirements shall apply in accordance with the applicable chapter. Where a material has multiple hazards, all hazards shall be addressed.

EXCEPTIONS:

1. The quantities of alcoholic beverages, medicines, foodstuffs, cosmetics and consumer or industrial products containing not more than 50 percent by volume of water-miscible liquids and with the remainder of the solutions not being flammable, in retail or wholesale sales occupancies, are unlimited when packaged in individual containers not exceeding 1.3 gallons (5 L).
2. Application and release of pesticide and agricultural products and materials intended for use in weed abatement, erosion control, soil amendment or similar applications when applied in accordance with the manufacturers' instructions and label directions.
3. The off-site transportation of hazardous materials when in accordance with Department of Transportation (DOTn) regulations.
4. Building materials not otherwise regulated by this code.
5. Refrigeration systems (see Section 606).
6. Stationary storage battery systems regulated by Section 608.
7. The display, storage, sale or use of fireworks and explosives in accordance with Chapter 56.
8. Corrosives utilized in personal and household products in the manufacturers' original consumer packaging in Group M occupancies.
9. The storage of distilled spirits and wines in wooden barrels and casks, when in accordance with FM Global Operating Standard 8-8.
10. The use of wall-mounted dispensers containing alcohol-based hand rubs classified as Class I or II liquids when in accordance with Section 5705.5.

17.32.089 Section 5001.7 added – Facility correction plan.

Section 5001.7 of Chapter 50 of the Kern County Fire Code is added to read as follows:

5001.7 Facility correction plan. When required by the fire code official, any business subject to regulation by this code shall submit a Facility Correction Plan to the fire code official. When such business is required to complete corrective action, concerning adequate labeling, or repackaging

damaged or deteriorated containers, the owner shall submit a facility correction plan within the time specified by the fire code official.

The Facility Correction Plan shall demonstrate that hazardous materials, stored, dispensed, handled or used in the facility shall be transported, disposed of or handled in a manner that eliminates the need for further maintenance that eliminates any threat to public health and safety and that ensures all federal, state and local requirements will be met to ensure the safe closure or correction of the facility.

The business shall not commence any action to correct the facility until the plan has been approved.

17.32.091 Section 5203.4 amended – Agricultural products.

Section 5203.4 of Chapter 52 of the Kern County Fire Code is amended to read as follows:

5203.4 Agricultural products. Hay, straw, seed cotton or similar agricultural products shall not be stored adjacent to structures or combustible materials unless a clear horizontal distance equal to the height of a pile is maintained between such storage and structures or combustible materials. Storage shall be limited to stacks of 100 tons (91 metric tons) each. Either an approved one (1) hour fire barrier constructed as specified in the Kern County Building Code or a clear space of twenty (20) feet (6096 mm) shall be maintained between such stacks.

Quantities of hay, straw, seed cotton and other agricultural products shall not be limited where stored on a farm or on other premises located within an A-Exclusive Agricultural Zone, as defined in the Kern County Zoning Ordinance (commencing with Section 19.02.010 of the Kern County Code).

17.32.092 Section 5602 added – Storage within established limits.

Section 5602 is added to Chapter 56 of the Kern County Fire Code to read as follows:

5602 Storage within established limits. Storage of explosive materials is prohibited within the limits established by law as the limits of districts in which such storage is prohibited.

17.32.093 Section 5603 added – Fireworks.

Section 5603 to Chapter 56 of the Kern County Fire Code is added to read as follows:

5603 Fireworks. The possession, manufacture, storage, sale, handling and use of fireworks are prohibited.

EXCEPTIONS:

1. Storage and handling of fireworks as allowed in California Code of Regulations, Title 19, Div. 1 Chap. 6 Fireworks.
2. Manufacture, assembly and testing of fireworks as allowed in

California Code of Regulations, Title 19, Div. 1, Chap. 6
Fireworks.

3. The use of fireworks for display as allowed in Section 5608.
4. The possession, storage, sale, handling and use of safe and sane fireworks when in accordance with Section 5609.

17.32.094 Section 5609 added – Safe and sane fireworks.

Section 5609 is added to Chapter 56 of the Kern County Fire Code to read as follows:

5609 Safe and sane fireworks.

5609.1 General. Fireworks defined and classified as "Safe and Sane" in accordance with the provisions of California Code of Regulations, Title 19, may be displayed, sold, possessed and used pursuant to the following provisions of this Article, except within the Wildland-Urban Interface Fire Area.

5609.2 Permits.

5609.2.1 Permit required. It shall be unlawful for any person to offer for sale any fireworks without first obtaining a permit from the Kern County Fire Department Fire Prevention Office. A permit shall not be issued unless the person applying for the permit has first obtained a license from the California State Fire Marshal in accordance with the provisions of California Code of Regulations, Title 19, Subchapter 6. No one organization may receive more than one permit for fireworks sales during any one calendar year. See Section 105, Permit f.6.

5609.2.2 Non-profit or charitable organization. A permit for the sale of "Safe and Sane Fireworks" shall be issued only to a nonprofit organization or corporation organized and existing primarily for veterans, patriotic, religious, welfare, charitable or civic-betterment purposes, organized and established in the County for a period of at least one (1) year prior to the filing of an application for permit.

5609.2.3 Application for permit. An application for a permit shall be filed with the Kern County Fire Department Fire Prevention Office between 8:00 A.M. on March 1 and 5:00 P.M. on May 15 of each year. Any permit issued shall be valid only for the premises or location for which it is issued, shall not be transferable, assignable or renewable, and shall be valid only for the times and dates specified in the permit. Each application shall include the following information and documents:

1. Name and address of the applicant. The applicant must be an officer of the organization.
2. The purpose of the nonprofit organization or corporation; its principal and permanent meeting place; the approximate date of its establishment in the County; the total number of its local membership; and the names and addresses of its officers.
3. The location where the applicant will sell safe and sane fireworks, together with a plot plan showing the location of the temporary fireworks stand and all related structures, and written approval and consent to use such location for such use by the owner or lessee.

4. The zoning district applicable to the location where such fireworks are to be displayed and sold.

5. A plot plan showing the location of the temporary fireworks stand, property lines, utilities, location of permanent and temporary structures, driveways and sanitary facilities. Include the latitude and longitude of the fireworks stand, as determined by a Global Positioning System.

6. A one million dollar (\$1,000,000) public liability and a one million dollar (\$1,000,000) property damage insurance policy and products' liability insurance in the amount of one million dollars (\$1,000,000) with riders attached to the policies designating the County of Kern as an additional insured thereunder.

7. A roster of the current officers of the organization.

8. Written authorization from the owner, or person in lawful possession thereof, for the locating of the fireworks booth upon their property.

9. Proof of non-profit or charitable organization status.

5609.3 Fireworks stands.

5609.3.1 General. All retail sales of safe and sane fireworks shall be permitted only from a fireworks stand and the sale from any other facility, building, structure or location is hereby prohibited. Fireworks stands shall be in accordance with Section 5609.3.

5609.3.2 Location. Fireworks stands shall be located:

1. In a C-H zoning district,
2. In a C-1 zoning district or a zoning district less restrictive than C-1,
3. On publicly owned property, including property owned by school districts, with the approval of the Director of the Planning Department, or
4. On property developed with church facilities, with the approval of the Director of the Planning Department.
5. In accordance with Table 5609.3.2.

**Table 5609.3.2
Separation Distances for Fireworks Booths**

Exposure	Distance (feet) X .3048 for m
Other fireworks stands	500
Fuel storage, or fuel dispensing pump	100
Fuel storage tank fill connection	100
Repair garage or fixed open flame device	100
Other buildings	50
Street, alley, driveway or curblin	10
Property line	3

5609.3.3 Construction and removal.

1. Fireworks stands shall be constructed in a manner which will reasonably ensure the safety of attendants and patrons.
2. Each fireworks stand must have at least two exits. Each fireworks stand in excess of forty (40) feet (12 192 mm) in length must have at least three exits. Exits shall have a minimum width of thirty (30) inches (76 mm). An aisle with a minimum width of thirty (30) inches (76 mm) shall lead to each exit. Exit doors shall be operable from the inside without the use of a key or any special knowledge or effort.
3. The fireworks stand and all accompanying litter shall be removed from the temporary location by twelve (12) noon on the 15th day of July.

5609.3.4 Electrical wiring.

1. All electrical wiring to or within a fireworks stand shall be installed in accordance with the Kern County Electrical Code and this Section.
2. All wiring in or on a fireworks stand shall be in rigid raceway or electrical metallic tubing (EMT).
3. Electrical wiring within the fireworks stand shall be limited to use for lighting and two (2) duplex receptacles for sales equipment only.

5609.3.5 Fire safety.

1. Each fireworks stand shall be provided with two 2-A rated water base fire extinguishers. Each such extinguisher shall be properly serviced and tagged, and easily accessible for use in case of fire.
2. No person shall light, or cause or permit to be lighted, any fireworks or any other article or material within any fireworks stand, or within fifty (50) feet (15 240 mm) thereof.
3. Smoking shall not be allowed in any fireworks stand nor within fifty (50) feet (15 240 mm) thereof. "No Smoking" signs shall be prominently displayed.

4. All weeds and combustible material shall be cleared from the location of the fireworks stand, including a distance of at least twenty (20) feet (6096 mm) surrounding the fireworks stand.

5. There shall be available to each fireworks stand, a trash container of sufficient size to accommodate trash generated by the fireworks stand. Each trash container shall be constructed of non-combustible material. Each trash container must be maintained at least twenty (20) feet (6096 mm) from the fireworks stand.

5609.3.6 Operations. Operation of fireworks stands shall be in accordance with the following:

1. There shall be at least one adult in attendance during the open or sale hours of the fireworks stand.

2. No person under age 18 shall be permitted in a fireworks stand.

3. There shall be at least one adult on the premises as night watchman for security during the hours of storage. Under no circumstances shall the watchman sleep within the fireworks stand. Accommodations for the watchman shall not be located within twenty-five (25) feet (7620 mm) of the fireworks stand.

5609.4 Sale of safe and sane fireworks.

5609.4.1 Posting of permits. All permits must be posted in a conspicuous place in or on the fireworks stand.

5609.4.2 Sales period. Fireworks shall be sold only between the hours of 12 noon to 11:00 PM on July 1, and the hours of 6:00 AM to 11:00 PM on July 2 and July 3, and the hours of 6:00 AM on July 4 to 12:01 AM on July 5 of any year; provided, however, in any year in which the Fourth of July falls on a Wednesday, Thursday or Friday, said sales period may be extended by the Board of Supervisors or its appointed designee to allow sales commencing at 12 noon on June 29 based on a showing by an individual charitable organization of unequal sales periods in an adjacent city in the County or in a neighboring city or county. The sales period on the additional days of sale will be limited to 12 noon to 10:00 PM on June 29, and the hours of 9:00 AM to 10:00 PM on June 30 to July 3. Any charitable organization electing to make a request for an extension must meet all requirements to sell safe and sane fireworks and must file an application for the extension with the Chief on or before May 15 of the year the extension is sought. The application shall contain a statement of facts demonstrating the unequal sales periods in an adjacent city in the County or in a neighboring city or county. Upon receipt of the recommendation of the Chief, the Clerk of the Board of Supervisors shall set the matter before the Board of Supervisors for consideration.

5609.4.3 Sale to persons under sixteen prohibited. No person shall sell or transfer any safe and sane fireworks to a person who is under 16 years of age from any fireworks stand.

5609.4.4 Use of safe and sane fireworks. Except under Special Effects Permit or Public Display Permit, safe and sane fireworks shall only be used or discharged between the hours of 12 noon on July 1 to 12:01 AM of the

next day, and the hours of 9:00 AM to 12:01 AM of the next day on July 2 and July 3, and the hours of 9:00 AM on July 4 to 12:30 AM on the next day, and the hours of 12:00 noon on December 31 to 12:30 AM of the next day of any year.

5609.5 Seizure of Fireworks. The fire code official shall have the authority to seize, take and remove fireworks stored, sold, offered for sale, used or handled in violation of the provisions of Title 19 CCR, Chapter 6.

17.32.095 Section 5701.2 amended – Nonapplicability.

Section 5701.2, Item 10 of Chapter 56 of the Kern County Fire Code is amended to read as follows:

10. The storage of distilled spirits and wines in wooden barrels and casks when in compliance with FM Global Operating Standard 7-29.

17.32.097 Section 5704.2.7.10 amended – Leak reporting.

Section 5704.2.7.10 of Chapter 57 of the Kern County Fire Code is amended to read as follows:

5704.2.7.10 Leak reporting. Any consistent or accidental loss of liquid, or other indication of a leak from a tank system, shall be reported immediately to the fire code official, the Kern County Environmental Health Department and to other affected and/or authorized agencies.

17.32.098 Section 5706.3.1.3 amended – Buildings.

Section 5706.3.1.3 of Chapter 57 of the Kern County Fire Code is amended by adding an exception to read as follows:

EXCEPTION: The minimum distances mentioned in this section may be reduced under the following circumstances when approved by the fire code official:

1. The distance may be reduced to fifty (50) feet (15 240 mm) if every exterior wall within one hundred (100) feet (30 480 mm) of the wellhead, which could receive direct radiant heat from the wellhead, is of one (1) hour fire resistive construction with no openings or parapets, and the entire building has a non-combustible roof.
2. The distance may be reduced to twenty-five (25) feet (7620 mm) if every exterior wall within one hundred (100) feet (30 480 mm) of the wellhead, which could receive direct radiant heat from the wellhead, is of two-hour fire resistive construction with no openings or parapets, and the entire building has a non-combustible roof.
3. The distance may be reduced to twenty-five (25) feet (7620 mm) if the entire building has a non-combustible roof with no parapets, and a barrier is constructed between the wellhead and the building. Such barrier shall have a minimum fire

rating of four (4) hours. The minimum width of such barrier shall be as required to protect the portions of the building within the one hundred (100) foot (30 480 mm) distance from direct radiant heat originating at the wellhead. The minimum height of such barrier shall be the maximum height of the building.

17.32.099 Section 5706.3.3.3 amended – Security.

Section **5706.3.3.3** of Chapter 57 of the Kern County Fire Code is ~~renamed and~~ amended to read as follows:

5706.3.3.3 Security. Sumps, diversion ditches or depressions used as sumps containing petroleum products shall be securely fenced and screened in a manner meeting the specifications of California Code of Regulations, Title 14, Subchapter 2.

17.32.100 Section 6104.4 amended – Multiple LP-gas container installation.

Section **6104.4** of Chapter 61 of the Kern County Fire Code is amended to read as follows:

6104.4 Multiple LP-gas container installation. Multiple container installations with a total water storage capacity of more than 180,000 gallons (681 300 L) [150,000-gallon (567 750 L) LP-gas capacity] shall be subdivided into groups containing not more than 180,000 gallons (681 300 L) in each group. Such groups shall be separated by a distance of not less than 50 feet (15 240 mm), unless the containers are protected in accordance with one of the following:

1. Mounded in an approved manner.
2. Protected with approved insulation on areas that are subject to impingement of ignited gas from pipelines or other leakage.
3. Protected by firewalls of approved construction.
4. Protected by an approved system for application of water as specified in Table 6.4.2 of NFPA 58 and in Kern County Fire Prevention Standard 3808.1-1, whichever is more restrictive.
5. Protected by other approved means.

Where one of these forms of protection is provided, the separation shall not be less than 25 feet (7620 mm) between container groups.

17.32.101 Section 6108.1 amended – General.

Section **6108.1** of Chapter 61 of the Kern County Fire Code is amended to read as follows:

6108.1 General. Fire protection shall be provided for installations having storage containers with a water capacity of more than 4,000 gallons (15 140 L), as specified in Section 6.25 of NFPA 58 and/or required in Kern County

Fire Prevention Standard 3808.1-1, whichever is more restrictive.

17.32.103 Chapter 80 amended – FM Global.

Chapter 80 of the Kern County Fire Code is amended by adding FM Global Standard 7-29 as follows:

FM Global Operating Standard 7-29 – Distilled Spirits Storage..... 5001.2, 5701.2.

17.32.104 Section 4906 amended – Hazardous Vegetation and fuel management.

Section 4906.1 of Article 47 of the Kern County Fire Code is amended to read as follows:

4906.1 Hazardous Vegetation and fuel management. A Fire Protection Plan shall be required for all new development within the Wildland-Urban Interface Fire Area.

The Fire Protection Plan shall include mitigation measures consistent with the unique problems resulting from the location, topography, geology, flammable vegetation and climate of the proposed site. The Fire Protection Plan shall address water supply, access, fire resistance of buildings, fire protection systems and equipment, defensible space and vegetation management.

The Fire Protection Plan shall be consistent with nationally recognized standards. The Fire Protection Plan must meet the approval of the chief.

17.32.108 Appendix D Section D103.3 amended – Turning radius.

Section D103.3 of Appendix D of the Kern County Fire Code is amended to read as follows:

D103.3 Turning radius. The inside turning radius of a fire apparatus access road shall be a minimum of forty (40) feet (12 192 mm).

17.32.109 Appendix D Section D103.4 and Table D103.4 amended – Dead-ends.

Section D103.4 and Table D103.4 of Appendix D of the Kern County Fire Code is amended to read as follows:

**Table D103.4
REQUIREMENTS FOR DEAD-END FIRE
APPARATUS ACCESS ROADS**

Parcel Size (Acres)	Maximum Length Of Road	Minimum Width Of Road	Turnaround Configuration
Less Than 1	Less Than 150	20	None Required
	151 – 500	20	120 foot Hammerhead, 60 foot “Y,” or 96 foot diameter cul-de-sac, in accordance with Figure D103.1.
	501 - 800	26	
1 - 5	1,320	26	Special Approval Required
6 – 20	2,640	26	
More Than 20	5,280	26	

Where a dead-end fire apparatus access road serves areas in which several different length limits could apply because of several different parcel sizes, the shortest allowable length shall apply.

17.32.110 Appendix D Section D103.6 amended – Fire Lanes.

Section D103.6 of Appendix D of the Kern County Fire Code is amended to read as follows:

D103.6 Fire Lanes.

D103.6.1 Where Required. Fire Lanes shall be provided to and along the front and/or any side of all shopping complexes more than one hundred fifty (150) feet (45 720 mm) from a public street and all other buildings other than dwellings when in the judgment of the Chief, fire lanes are deemed necessary for the protection of life and property.

D103.6.2 Clearances. Fire Lanes shall be located as determined by the fire code official, and shall not be less than twenty (20) feet (6096 mm) in width, with inside turning radiuses of not less than twenty (20) feet (6096 mm) and shall have a clear height of not less than fifteen (15) feet (4572 mm).

D103.6.3 Obstruction. Fire Lanes shall be maintained clear at all times without exception. It shall be unlawful for any person to impair or block such fire lanes by vehicle parking or placing any other obstruction therein. Fire lane signs shall not be obstructed from view by oncoming traffic.

D103.6.4 Fire Lane Identification. Fire Lanes shall be identified in such a manner so as to leave no doubt as to their existence and intended purposes. Identification shall be by means of permanent signs complying with

Figure D103.6. Signs shall have a minimum dimension of 12 inches (305 mm) wide by 18 inches (457 mm) high and be constructed of 14 gage steel or aluminum. The signs shall have a reflective white background with red lettering and a ¼ inch wide stripe along all four sides of the sign. The signs shall read NO STOPPING – FIRE LANE, with lettering a minimum of 1 inch in height. Where deemed necessary by the fire code official, the signs shall be supplemented by a painted red curb which is parallel and adjacent to the fire lane.

D103.6.4.1 Fire Lane sign locations. Fire lane signs shall be located along the entire length of the fire lane and placed not more than one hundred feet (3048 mm) apart. Fire lane sign shall be installed within 25 feet of any end of the fire lane. The fire lane signs shall be perpendicular to the flow of traffic and within 4 feet of the edge of the driving surface of the fire lane. The fire lane signs shall be installed at a height of at least 7 feet above walking surfaces.



17.32.111 Appendix D Section D103.6.1 - Amended roads 20 to 26 feet in width.

Section D103.6.1 of Appendix D of the Kern County Fire Code is amended to read as follows:

D103.6.1 Roads 20 to 32 feet in width. Fire lanes twenty (20) feet wide (6096 mm) to thirty-two (32) feet wide (7925 mm) shall be posted on both sides as a fire lane.

17.32.112 Appendix D Section D103.6.2 Amended roads more than 26 feet in width.

Section D103.6.2 of Appendix D of the Kern County Fire Code is amended to read as follows:

D103.6.2 Roads 32 to 40 feet in width. Fire lanes thirty-two (32) feet wide (9754 mm) to forty (40) feet wide (12 192 mm) shall be posted on one side of the road as a fire lane.