

BUILDING STANDARDS COMMISSION

2525 Natomas Park Drive, Suite 130
Sacramento, California 95833-2936
(916) 263-0916 FAX (916) 263-0959



February 21, 2014

Laurie Donnelly
Fire Marshal
County of San Luis Obispo
635 N. Santa Rosa
San Luis Obispo, CA 93405

RE: Ordinance #3249

Dear Ms. Donnelly:

This letter is to advise you of our determination regarding the referenced ordinance with express findings received from your agency on January 21, 2014.

Our review finds the submittal to contain one ordinance modifying provisions of the 2013 California Building Standards Code in Title 24, California Code of Regulations (code), and express findings complying with Health and Safety Code §§17958.7 and 18941.5. The code modification is accepted for filing and is enforceable. This letter attests only to the satisfaction of the cited law for filing of local code amendment supported by an express finding with the Commission. The Commission is not authorized by law to evaluate the merit of the code modification or the express finding.

Local modifications to the code are specific to a particular edition of the code. They must be readopted and filed with the Commission in order to remain in effect when the next triennial edition of the code is published.

On a related matter, should your county receive and ratify Fire Protection District ordinances making modifications to the code, be advised that Health and Safety Code §13869.7(c) requires such ratified ordinances and express findings to be filed with the Department of Housing and Community Development, Division of Codes and Standards, State Housing Law Program, rather than this Commission. Also, ordinances making modifications to the energy efficiency standards of the code may require approval from the California Energy Commission pursuant to Public Resources Code §25402.1(h)(2).

If you have any questions or need any further information, you may contact me at (916) 263-0916.

Sincerely,

A handwritten signature in black ink that reads "Enrique M. Rodriguez".

Enrique M. Rodriguez
Associate Construction Analyst

cc: Chron
Local Filings



CAL FIRE
San Luis Obispo
County Fire Department



Robert Lewin, Fire Chief

635 N. Santa Rosa • San Luis Obispo, CA 93405
Phone: 805-543-4244 • Fax: 805-543-4248
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2014 JAN 21 P 3 19
CALIFORNIA BUILDING
STANDARDS COMMISSION

January 7, 2014

California Building Standards Commission
2525 Natomas Park Drive, Suite 130
Sacramento, CA 95833-2936

Dear Commissioners,

California Health and Safety Code Section 13869.7 (c) requires that express findings and amendments to the California Fire Code be filed with the California Building Standards Commission. Enclosed is a copy of the San Luis Obispo County ordinance and resolution adopting and amending the 2013 California Fire Code. The code has been reviewed by the County Fire Chief and the County Building official as well as presented to the County Board of Supervisors as a resolution.

Sincerely,

Laurie Donnelly
Fire Marshal
Battalion Chief

ORDINANCE NO. 3249

AN ORDINANCE AMENDING CHAPTER 16.10 OF THE SAN LUIS OBISPO COUNTY CODE BY ADOPTING AND AMENDING THE 2013 EDITION OF THE CALIFORNIA FIRE CODE, INCLUDING ANNUAL SUPPLEMENTS AND STATE AMENDMENTS AND ERRATA

WHEREAS, it is the desire and intent of the Board of Supervisors of San Luis Obispo County to provide citizens with the greatest degree of protection from fire; and

WHEREAS, the California Building Standards Code, Title 24, which incorporates the California Fire Code, is adopted every three years by order of the California Legislature with supplements published in intervening years; and

WHEREAS, the latest edition of the California Building Standards Code was published this year and has the force of law beginning January 1, 2014 and the Board of Supervisors desires to make local additions, amendments and deletions thereto as authorized by California Health and Safety Code Sections 18941.5 and 17958.5; and

WHEREAS, this Ordinance will amend the San Luis Obispo County Code so that it adopts and amends Part 9 of the California Building and Standards Code, which is known as the 2013 California Fire Code, including Appendix Chapter 4 and Appendices B, BB, C, CC, F, H and I, as modified and amended. All other Appendices to the 2013 Fire Code are expressly not adopted by this Ordinance. All annual supplements and state amendments and errata are adopted by this Ordinance; and

WHEREAS, the Board of Supervisors of San Luis Obispo County adopted findings on November 26, 2013 as required by California Health and Safety Code Section 17958.7, that because of climatic, geological, and topographical conditions that exist in the county that the amendments to the adopted codes are reasonably necessary to protect the citizens life, health and property.

NOW THEREFORE, The Board of Supervisors of the County of San Luis Obispo, State of California, ordains as follows:

SECTION 1:

Chapter 16.10 of the San Luis Obispo County Code is hereby amended to read as follows:

Chapter 16.10

CALIFORNIA FIRE CODE

Sections:

- 16.10.010 Adoption of the California Fire Code.
- 16.10.020 Definitions.
- 16.10.030 Establishment of limits for the storage of flammable or combustible liquids.
- 16.10.040 Establishment of limits for the storage of liquefied petroleum gases.
- 16.10.050 Establishment of limits for the storage of explosives and blasting agents.
- 16.10.060 Amendments made to the California Fire Code.
- 16.10.070 Appeals.

16.10.010 Adoption of California Fire Code.

Except as amended in Section 16.10.60, Part 9 of the California Building and Standards Code, which is known as the 2013 California Fire Code, including Appendix Chapter 4 and Appendices B, BB C, CC, F, H, I and K, are adopted by reference into this Chapter. All other Appendices to the 2013 Fire Code are expressly not adopted. All annual supplements and state amendments and errata are adopted by reference into this Chapter.

16.10.020 Definitions.

- (a) Wherever the word "jurisdiction" is used in the California Fire Code, it shall mean the unincorporated territory of the County of San Luis Obispo protected by the California Department of Forestry and Fire Protection/San Luis Obispo County Fire Department.
- (b) Wherever the phrase "Building Department" is used in the California Fire Code, it shall mean the San Luis Obispo County Department of Planning and Building.
- (c) Wherever the phrase "Chief of Police" is used in the California Fire Code, it shall mean the Sheriff of San Luis Obispo County. (Ord. 2774 §1 (part), 1996: Ord. 2633 §1 (part), 1993: Ord. 2435 §1 (part), 1990).

16.10.030 Establishment of limits for the storage of flammable or combustible liquids.

The limits referred to in Sections 5704.2.9.6.1 of the California Fire Code, "Locations where above-ground tanks are prohibited" by which the storage of flammable or combustible liquids is restricted are established by the provisions of San Luis Obispo County Code, including but not limited to, Titles 22 and 23. (Ord. 2774 §1 (part), 1996: Ord. 2633 §1 (part), 1993: Ord. 2435 §1 (part), 1990), and the California Code of Regulations Title 23, Chapter 16, Sections 2632, 2635, 2636, 2637, 2638, 2641.

16.10.040 Establishment of limits for the storage of liquefied petroleum gases.

The limits referred to in Section 6104.2 "Maximum capacity within established limits" of the California Fire Code, by which storage of liquefied petroleum gas is restricted are established by the provisions of San Luis Obispo County Code, including but not limited to, Titles 22 and 23. (Ord. 2774 §1 (part), 1996: Ord. 2633 §1 (part), 1993: Ord. 2435 §1 (part), 1990).

16.10.050 Establishment of limits for the storage of explosives and blasting agents.

The limits referred to in Chapter 56 of the California Fire Code regarding the storage of explosive materials are established by the provisions of San Luis Obispo County Code, including but not limited to, Titles 22. and 23. (Ord. 2774 §1 (part), 1996: Ord. 2633 §1 (part), 1993: Ord. 2435 §1 (part), 1990).

16.10.060 The California Fire Code is hereby amended as follows:

Amendment No. 1

Section 101.1 "Title", is amended to read as follows:

101.1 Title. These regulations shall be known as the *Fire Code* of the County of San Luis Obispo, hereinafter referred to as "this code."

Amendment No. 2

Section 103. "Department of Fire Prevention" is amended by addition thereto as follows:

103.5 Fire prevention Bureau Personnel and Police. "The chief of the fire department and certain other members of the California Department of Forestry and Fire Protection/San Luis Obispo County Fire Department have the authority of peace officers or public officers pursuant to California Penal Code sections 830.2(g), 830.7(d) and 836.5(a) in performing their duties under the California Fire Code."

Amendment No. 3

Section 105.3.3 "Occupancy Prohibited Before Approval" is amended to read as follows:

105.3.3 Occupancy and use prohibited before approval. The building or structure shall not be occupied prior to the fire code official issuing a permit that indicates that applicable provisions of this code have been met. No appliance, device, equipment, or system shall be operated or used until the installation has been approved and permitted by the fire code official and all applicable provisions of this code have been met. It shall be the duty of the permit applicant or contractor or both to cause the work to remain accessible and exposed for inspection purposes.

Amendment No. 4

Section 108.1 "Board of Appeals Established" is amended to read as follows:

108.1 Board of Appeals Established. Appeals of orders, decisions or determinations made by the fire code official relative to the application and interpretation of this code, shall be heard and decided by the Fire Code Board of Appeals established by the Board of Supervisors on 10-9-1990 (Consent Agenda Item A-15 which is on file in the Office of the County Clerk-Recorder).

Amendment No. 5

Section 202, "General Definitions" the definition of "Alteration" is amended to read as follows:

Alteration. Any construction change or renovation to an existing structure other than a repair or addition. Alterations include, but are not limited to, the addition or elimination of walls within the existing building envelope. Alteration also includes modifications to the structure which involve complete removal and replacement of wall board within any room.

Amendment No. 6

Section 202, "General Definitions" the definition of "Floor Area, Gross", is amended by addition thereto as follows:

Floor Area. For the purpose of calculating square footage for the application of fire sprinkler requirements and fire flow requirements, the floor area shall include all combustible areas attached to the structure, including garages, patio covers, overhangs, covered walkways and alterations, additions and remodel square footage will be considered a combined and cumulative sum of floor area.

Amendment No. 7

Section 202, "General Definitions" is amended by addition thereto to include the following definition of "Greenhouse":

Greenhouse. An agricultural building used for the growing of plants. It shall include other structures also known as hothouses, cold frames and other similar specialty categories. It shall include without limitations, construction materials of glass, rigid plastic, flexible plastic, masonry, wood, metal and concrete.

Amendment No. 8

Section 302.1, "Definitions", is amended to add the following definition:

SKY LANTERN. An airborne lantern typically made of paper with a wood frame containing a candle, fuel cell composed of waxy flammable material or other open flame which serves as a heat source to heat the air inside the lantern to cause it to lift into the air. Sky candles, fire balloons and airborne paper lanterns mean the same as sky lanterns.

Amendment No. 9

Section 308.1.6.3 is added to read as follows:

308.1.6.3 Sky lanterns. The ignition and launching of sky lanterns is prohibited.

Exceptions:

Upon approval of the fire code official, sky lanterns may be used under the following conditions:

- (a) When necessary for religious or cultural ceremonies and adequate safeguards have been taken in the discretion of the fire code official.
- (b) Sky Lanterns shall be tethered in a safe manner to prevent them from leaving the area and must be constantly attended until extinguished.

Amendment No. 10

Section 403 Public Assemblages and Events is amended by addition thereto to read as follows:

403.2.2 Procedures

Prior to Fire Department Review, proposed event area must first complete all requirements pursuant to Title 22, the San Luis Obispo County Land Use Ordinance. This includes receiving any necessary land use permit approval and issuance of construction and Conditional Use Permit requirements.

A fire safety review is required to ensure public safety in a place of assembly, or any other place where people congregate, including but not limited to; amusement buildings, carnivals and fairs, exhibits and trade shows, open burning, flames and torches, candles, places of assembly, temporary membranes structures and tents, pyrotechnics and special effects, live audiences and any event with public attendance over 250.

A written plan must be submitted to the fire code official 30 days prior to the event. Written submittal requirements will be in accordance with Section 404 Fire Safety and evacuation plans. A field inspection verifying compliance of fire and life safety conditions must be conducted prior to public occupancy of the event. If modifications or additions to the event areas are made, an updated permit & inspection must be completed.

All other provisions of section 403 remain unchanged without amendment.

Exception: A and E Occupancies

Amendment No. 11

Section 405.7 "Initiation" is amended to read as follows:

405.7 Initiation. Where a fire alarm system is provided, emergency evacuation drills shall be initiated by activating the fire alarm system. Prior to initiating an alarm, the person initiating the alarm shall contact the fire alarm monitoring company and advise the company's dispatcher of the fire drill. In cases where the fire alarm system is not monitored by a central station, notification shall be provided to the fire department dispatch center.

Amendment No. 12

Section 503.1.2 "Additional Access" is amended by addition, thereto as follows:

503.1.2.1 Maximum Dead-end Road Lengths. The maximum length of dead-end roads, including all dead-end roads accessed from a dead-end road, shall not exceed the following cumulative lengths, regardless of the number of parcels served:

Parcel size	Length
less than one (1) acre	800 feet
1 acre to 4.99 acres	1320 feet
5 acres to 19.99 acres	2640 feet
20 acres or larger	5280 feet

All lengths shall be measured from the edge of the roadway surface at the intersection that begins from the road to the end of the road surface at its farthest point. Where a dead-end road crosses areas of differing zoned parcel sizes

requiring different length limits, the shortest allowable length shall apply. Where parcels are zoned 5 acres or larger, turnarounds shall be provided at a maximum of 1320 feet or 1/4 mile intervals.

Amendment No. 13

Section 503.2 "Specifications" is amended by addition there to as follows:

503.2.7 Grade. The grade for all roads, streets, private lands and driveways shall not exceed 16 percent unless approved by fire code official. Design criteria shall be in accordance with San Luis Obispo County Public Works public improvement standards. Roads 12%-16% shall be a nonskid asphalt or concrete surface as specified in San Luis Obispo County public improvement Standards, specifications and drawings.

503.2.9 Driveway. Driveway specifications shall be provided and maintained when serving no more than one legal parcel or lot with no more than 3 dwelling units, and any number of accessory buildings.

503.2.9.1 Driveway width for high and very high fire severity zones:

Length	Required Width
0-49'	10'
50'-199'	12'
Greater than 200'	16'

503.2.9.2 Turnarounds. Turnarounds must be provided if driveway exceeds 300 feet, and shall be within 50 feet of the building. For driveways exceeding 300 feet, a turn-around shall be at the building site and must be within 50 feet of the dwelling. For driveways exceeding 800 feet, turnouts shall be provided no more than 400 feet apart. Driveways exceeding 150 feet in length, but less than 800 feet in length, shall provide a turnout near the midpoint of the driveway.

503.2.9.3 Turnouts. A turnout shall be provided near the midpoint and shall be a minimum of 10 feet wide and 30 feet long with a minimum 25 foot taper on each end.

Amendment No. 14

Section 503.4 "Obstruction of Fire Apparatus Access Roads is amended to read as follows:

503.4 Obstruction of Fire Apparatus Access Roads Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. Minimum required widths and clearances established under Section 503.2.1 shall be

maintained at all times.

503.4.2 Authority to Remove Obstruction. The Fire Code Official and his authorized representatives shall have the power and authority to remove or cause to be removed, without notice, any vehicle or object parked or placed in violation of the California Fire Code and California Vehicle Code 22651. The owner of any item so removed shall be responsible for all towing, storage and other charges incurred.

Amendment No. 15

504.3 Stairway access to roof. New buildings two or more stories above grade plane, except those with a roof slope greater than four units vertical in 12 units horizontal (33.3-percent slope), shall be provided with a stairway to the roof or other access to the roof for emergency personnel approved by the fire code official. Stairway access to the roof shall be in accordance with Section 1009. Such stairway or other approved access shall be marked at street and floor levels with a sign indicating that the stairway or access continues to the roof. Where roofs are used for roof gardens or for other purposes, stairways shall be provided as required for such occupancy classification.

Amendment No. 16

Section 505.1 "Address Identification" is amended to read as follows:

505.1 Address Identification. New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Where required by the fire code official, address numbers shall be approved in additional approved locations to facilitate emergency response. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of: Residential 6 inches, Commercial 8 inches, and Industrial 10 inches high with a minimum stroke width of 0.5 inch (12.7mm).

505.1.1 Directories. When required by the fire code official, complexes with multiple buildings may be required to provide directories, premises maps and directional signs. The scale, design and location of directory signs shall be approved by the fire code official and may be required to be illuminated.

Amendment No. 17

Section 603.1.4 "Fuel Oil" is amended to read as follows:

603.1.4 Fuel Oil. The grade of fuel oil used in a burner shall be that for which the burner is approved and as stipulated by the burner manufacturer. Oil containing gasoline shall not be used.

Amendment No. 18

Section 606.8 "Refrigerant Detector" is amended to read as follows:

606.8 Refrigerant Detector. Machinery rooms shall contain a refrigerant detector with an audible and visual alarm. The detector, or a sampling tube that draws air to the detector, shall be located in an area where refrigerant from a leak will concentrate. The alarm shall be actuated at a value not greater than the corresponding TLV-TWA values shown in the California Mechanical Code for the refrigerant classification. Detectors and alarms shall be placed in approved locations. In addition, emergency shutoff shall also be automatically activated when the concentration of refrigerant vapor exceeds 25 percent of LFL (Lethal Flammable Limits).

Amendment No. 19

Section 903.2 "Where Required" is amended by deletion of Sections 903.2 through 903.2.11.3. Amend Sections 903.2 by addition thereto to read as follows:

Table 903.1 – Automatic Fire Sprinkler System Requirements for NEW CONSTRUCTION

STRUCTURE TYPE	SPRINKLERS REQUIRED ⁵	DESCRIPTION	SQUARE FOOTAGE ¹		REQUIREMENTS	EXCEPTIONS	EXAMPLES	MIN. DISTANCE BETWEEN STRUCTURES AND PROPERTY LINES(PL)
			MIN	MAX				
New Construction	Yes	New buildings including mobile homes and commercial coaches ¹	0		Throughout new buildings	See Footnote ^{3,4}	All new construction and dwellings One story garage, workshop, studio, residential storage bldg	Per CBC, CRC 50 feet from PL, 30 feet from other structures
Residential Accessory Structure	Yes	Accessory structures as defined in CRC	1,000	3,000	No heating or cooling No living or sleeping spaces	See Footnote ²	One story barn or stables	100 feet from PL, 50 feet from other structures
Agricultural Accessory Structure	Yes	Accessory to agricultural operation, livestock, crops. Agricultural operations in accordance with AG LUO & CBC definition	3,000	5,000	Primary usage must be 75% livestock or crops (affidavit required)	See Footnote ²	None	100 feet from PL, 50 feet from other structures
Pole barn, Covered arena, Greenhouse	No	One story hay storage, covered riding arena, greenhouses	Unlimited if 60 feet on all sides per CBC		No employees, no public attendance and open on two or more sides	None	See description	100 feet from PL, 50 feet from other structures
Agricultural Exempt (no permit required)	No	LUO Ag Exempt & signed affidavit	0	3,000	Per Ag Exempt agreement (affidavit required)	See Title 19	Ag-Barn on Ag zoned land over 20 acres	100 feet from PL, 50 feet from other structures

References:

CRC: California Residential Code | **CFC:** California Fire Code | **CBC:** California Building Code | **LUO:** Land Use Ordinance (San Luis Obispo County)

Footnotes:

- For the purpose of calculating square footage for the application of fire sprinkler requirements and fire flow requirements, the floor area shall include all combustible areas attached to the structure, including garages, patio covers, overhangs over 2 feet, covered walkways and decks.
- Structures over the minimum square footage must meet **all of the above** table requirements **and all of the following requirements:**
 - no conditioned or habitable space; - no second stories (lofts 1/3 the floor area and open to below are allowed); - minimum two exits including one pedestrian door (side hinge swinging door); - workshops or offices limited to 10% of floor area; - dedicated fire water storage minimum of 5,000 gallons steel tank in full compliance with NFPA 1142 (see fire safety plan) if there is no community provided fire hydrant within 500 ft.; - structure complies with the California Wildland Urban-Interface Ignition Resistant Construction Requirements; - heat detectors installed in accordance with CBC linked to an audible bell mounted in the exterior of the structure. - Cannot be used as a place of employment or for public assemblage/events. - Cannot be used as a commercial building.
- A single-story building or commercial coach where floor area does not exceed 1000 square feet and the occupancy is not a Group A, E Daycare, F1 Woodworking, R, Group H, Group I occupancy or any occupancy where cellulose nitrate film, pyroxylin plastics or any hazardous materials manufactured, stored or handled in quantities in excess of Tables in CBC, CFC or within Los Osos CSD and the fire flow from a hydrant is less than 750gpm at 20psi.
- Mobile/manufactured or factory built homes or commercial coaches constructed or altered on or before March 12, 2011 which were not manufactured with automatic fire sprinklers.
- Automatic Fire Sprinklers installed at exterior locations shall be approved corrosion resistant devices when environmental or operational conditions warrant.

Table 903.2 – Automatic Fire Sprinkler System Requirements for EXISTING CONSTRUCTION

OCCUPANCY OR STRUCTURAL MODIFICATION TYPE	SPRINKLERS REQUIRED ³	DESCRIPTION	SQUARE FOOTAGE ¹	REQUIREMENTS	EXCEPTIONS	EXAMPLES
Alterations ¹	Yes, if...	Alteration includes modifications to the structure which involve complete removal and replacement of wall board within any room	50% of existing floor area ¹	Alterations, additions and remodel square footage will be considered a combined and cumulative sum of floor area	Repairs ⁵ and Footnote ²	Interior remodels, Rehabilitation
Additions ¹	Yes, if...	Additions cumulative from January 01, 2008 regardless of any change of ownership	1,000 sf or 50% of floor area ¹	Alterations, additions and remodel square footage will be considered a combined and cumulative sum of floor area	None	Any addition
Additional Stories	Yes	Adding an additional story	Any	Attic/basement conversions over 1,000 sq. ft.	See Footnote ⁴	Adding/converting any habitable space above or below an existing structure
Sprinklered Buildings	Yes	Any occupancy	Any	Partially sprinklered structures not allowed	None	Any sprinklered building
Occupancy Classification Change	Yes	Change results in higher hazard or as deemed necessary by fire code official	Any	Hazard classification rating per Title 19 Table 3408.1.2	None	Detached garage, workshop or barn converted to conditioned space, guest house or commercial use
Hazardous Materials Inside Buildings	Yes	Cellulose nitrate film or pyroxylin plastics or any hazardous materials manufactured, stored or handled in quantities in excess of Tables in CBC, CFC	Any	Building and any portion of a building must also include requirements as listed in CFC Chapter 5005.4	None	Any occupancy

References:

CRC: California Residential Code | CFC: California Fire Code | CBC: California Building Code

Footnotes:

- For the purpose of calculating square footage for the application of fire sprinkler requirements and fire flow requirements, the floor area shall include all combustible areas attached to the structure, including garages, patio covers, overhangs over 2 feet, and covered walkways and decks.
- Alterations limited to only one of the following: replacement of exterior coverings and windows, roofing, electrical services, sewer laterals, retaining walls, or routine plumbing, electrical and mechanical repairs.
- Automatic Fire Sprinklers installed at exterior locations shall be approved corrosion resistant devices when environmental conditions warrant.
- A loft open to the floor below and no more than one third of the floor area of the room below is allowed to be added without triggering sprinklers.
- REPAIR is the reconstruction or renewal for the purpose of maintenance. See 105.2.2 in Title 19.20.020 and the definition of alteration in the CBC.

Mobile/manufactured or factory built homes or commercial coaches constructed or altered on or before March 12, 2011 which were not manufactured with automatic fire sprinklers are not subject to fire sprinkler requirements

Amendment No. 20

Section 903.3.6 "Hose Threads" is amended to read as follows:

903.3.6 Hose Threads. Fire hose threads used in connection with fire-extinguishing systems shall be national standard hose thread or as approved by the fire department.

Amendment No. 21

Section 903.4 "Sprinkler System Supervision and Alarms" is amended to read as follows:

903.4 Sprinkler System Supervision and Alarms. All valves controlling the water supply for automatic sprinkler systems, pumps, tanks, water levels, and temperatures, critical air pressures and water-flow switches on all sprinkler systems shall be electrically monitored for integrity and to ensure valves are locked in the open position, by a central station listed by Underwriters Laboratories for receiving fire alarms.

Exceptions:

1. Automatic sprinkler systems protecting one and two-family dwellings.
2. Limited area sprinklers serving fewer than 20 sprinklers.
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 a fire pump engine that are sealed or locked in the open position.
7. Trim valves to pressure switches in dry, pre-action and deluge sprinkler systems that are sealed or locked in the open position.

Amendment No. 22

Section 904.11 "Manual System Operation" is amended by addition thereto as follows:

904.11.1. Manual System Operation Training. It shall be the responsibility of the business owner to ensure that all employees are knowledgeable in the use of manually operated or activated fire-extinguishing systems within the occupancy.

Amendment No. 23

Section 905.3 "required installations Standpipe Systems" is amended to read as follows:

905.3.1 Building height and area. Class III standpipe systems shall be installed throughout buildings where the floor level of the highest story is located more than 30 feet (9144 mm) above the lowest level of the fire department vehicle access, or where the floor level of the lowest story is located more than 30 feet (9144 mm) below the highest level of fire department vehicle access and in any parking structure.

A building that is greater than 20,000 square feet (1.858 m²) of floor area and greater than 18 feet (5.49 m) in height shall have a dry or wet standpipe system with a 2 ½ inch (64 mm) outlet at the roof near the roof access. Location of the outlet and the fire department connection to the standpipe shall be labeled and approved by the fire code official.

Amendment No. 24

Section 907.7.5 "Monitoring" is amended to read as follows:

907.7.5 Monitoring. Fire alarm systems required by this chapter or by the California Building Code shall be monitored by an approved supervising station listed by Underwriters Laboratory for receiving fire alarms in accordance with NFPA 72. The supervising station shall contact and notify the Fire Chief or their call receiving location immediately on notification of an alarm and prior to making contact with the protected premises.

Exception: Supervisory service is not required for:

1. Single- and multi-station smoke alarms required by Section 907.2.11.
2. Group I-3 occupancies shall be monitored in accordance with Section 907.2.6.3.4.
3. Automatic sprinkler systems in one- and two-family dwellings.

Amendment No. 25

Chapter 50, "Hazardous Materials-General Provisions", is amended by addition thereto as follows:

If any provision of Chapter 50 as it pertains to Explosive Material is in conflict with San Luis Obispo County Code Chapter 6.32, the provisions of Chapter 6.32 shall control.

Amendment No. 26

Chapter 56, "Explosives and Fireworks", is amended by addition thereto as follows:

If any provision of Chapter 56 conflicts with San Luis Obispo County Code Chapter 6.32, the provisions of Chapter 6.32 shall control.

Amendment No. 27

Section 5609 is amended by addition thereto to read as follows:

5609.1 Fireworks Prohibited. The manufacturing, possession, storage, sale, use and handling of fireworks, including without limitation, "Safe and Sane" fireworks, is prohibited.

Exceptions:

1. Storage of fireworks in accordance with the requirements for low order explosives in Title 19, California Code of Regulations, Chapter 10.
2. Storage of fireworks, 1.4G in accordance with the Building Code.
3. Use and handling of fireworks for professional display in accordance with Title 19, California Code of Regulations, Chapter 6.

5609.2 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, California Code of Regulations, Chapter 6 and California Health and Safety Code, Chapter 9.

Amendment No. 28

Section B103.3 "Areas Without Water Supply Systems" of Appendix B Fire-Flow Requirements for Buildings, is amended to read as follows:

B103.3 Areas without water supply systems. In areas without service water companies, National Fire Protection Association (NFPA) Standard 1142, or NFPA Standard 13, current edition, is used to establish on-site storage capacities, except that in all cases a minimum storage capacity of 2,500 gallons is required if so authorized by the fire code official.

16.10.070 Appeals

- (a) Any appeals to the requirements of this section shall be heard in accordance with Section 108 of the California Fire Code.

SECTION 2:

The Board of Supervisors has considered the changes that are proposed with respect to the matter described above. The Board of Supervisors has, as a result of its consideration, the evidence presented at the hearings on said matter, and all comments that were received during the public hearing process, determined that this activity is exempt from review pursuant to Section 15061(b)(3) which provides that an activity is not subject to CEQA review where it can be seen with certainty that there is no possibility that it may have a "significant effect on the environment." The Board of Supervisors finds that it can be seen with certainty that there is no possibility that the adoption and amendment of the 2013 California Fire Code may have a significant effect on the environment because there is no substantial evidence that the adoption of this ordinance will have a significant effect on the environment. The Board of Supervisors hereby approves this adoption and amendment of the 2013 California Fire Code in accordance with the California Environmental Quality Act and the County's regulations implementing said Act.

SECTION 3:

If any section, subsection, clause, phrase or portion of this ordinance is for any reason held to be invalid or unconstitutional by the decision of a court of competent jurisdiction, such decision shall not affect the validity or constitutionality of the remaining portion of this ordinance. The Board of Supervisors hereby declares that it would have passed this ordinance and each section, subsection, clause, phrase or portion thereof irrespective of the fact that any one or more sections, subsections, sentences, clauses, phrases or portions be declared invalid or unconstitutional.

SECTION 4:

The fire chief is hereby authorized and directed to transmit a copy of this ordinance to the California Building Standards Commission as required by California Health and Safety Code Section 17958.7.

SECTION 5:

This ordinance shall take effect and be in full force on and after 30 days from the date of its passage hereof, but not before January 1, 2014. Before the expiration of 15 days after the adoption of this ordinance, it shall be published once in a newspaper of general circulation published in the County of San Luis Obispo, State of California, together with the names of the members of the Board of Supervisors voting for and against the ordinance.

INTRODUCED at the regular meeting of the Board of Supervisors held on the 26th day of November, 2013, and PASSED and ADOPTED by the Board of Supervisors of the County of San Luis Obispo, State of California, on the 3rd day of December, 2013, by the following roll call vote, to wit:

AYES: Supervisors Frank R. Mecham, Adam Hill, Caren Ray, Debbie Arnold and Acting Chairperson Bruce S. Gibson

NOES: None

ABSENT: None

ABSTAINING: None

The foregoing ordinance is hereby adopted.

Bruce S. Gibson
Acting Chairman of the Board of Supervisors
of the County of San Luis Obispo,
State of California

ATTEST:

JULIE L. RODEWALD
County Clerk and Ex-Officio Clerk
Of the Board of Supervisors of the County of San Luis Obispo, State of California

By: /s/ Annette Ramirez
Deputy Clerk

[seal]

APPROVED AS TO FORM AND LEGAL EFFECT:

RITA L. NEAL
County Counsel

By: /s/ Nina Negranti
Chief Deputy County Counsel

Date: October 29, 2013

STATE OF CALIFORNIA) ss.
COUNTY OF SAN LUIS OBISPO)

I, **JULIE L. RODEWALD**, County Clerk of the above entitled County, and Ex-Officio Clerk of the Board of Supervisors thereof, do hereby certify the foregoing to be a full, true and correct copy of an order entered in the minutes of said Board of Supervisors, and now remaining of record in my office.

Witness, my hand and seal of said Board of Supervisors this 14th day of January, 2014.

JULIE L. RODEWALD,
County Clerk and Ex-Officio Clerk of the Board of Supervisors

By: Sandy Currens
Deputy Clerk

IN THE BOARD OF SUPERVISORS
COUNTY OF SAN LUIS OBISPO, STATE OF CALIFORNIA

Tuesday, November 26, 2013

PRESENT: Supervisors Frank R. Mecham, Adam Hill, Caren Ray, Debbie Arnold and
Acting Chairperson Bruce S. Gibson

ABSENT: None

RESOLUTION NO. 2013-280

RESOLUTION ESTABLISHING SPECIAL FINDINGS RELATED TO ADOPTION
OF THE 2013 CALIFORNIA FIRE CODE AND AMENDMENTS BASED ON LOCAL
CLIMATIC, GEOGRAPHICAL AND TOPOGRAPHICAL CONDITIONS.

The following resolution is hereby offered and read:

WHEREAS, it is the desire and intent of the Board of Supervisors of San Luis
Obispo County to provide citizens with the greatest degree of protection from fire; and

WHEREAS, the California Building Standards Code, Title 24, which incorporates the
California Fire Code, is adopted every three years by order of the California Legislature with
supplements published in intervening years; and

WHEREAS, latest edition of the California Building and Standards Code was
published this year and has the force of law beginning January 1, 2014 and the Board of
Supervisors desires to make local additions, amendments and deletions thereto as authorized
by California Health and Safety Code Sections 18941.5 and 17958.5; and

WHEREAS, the Ordinance introduced on this date will amend the San Luis Obispo
County Code Chapter 16.10 so that it adopts and amends the 2013 California Fire Code,
including Appendix Chapter 4 and Appendices, BB C, CC, F, H, I and K , as modified and
amended, including annual supplements and state amendments and errata; and

WHEREAS, the Board of Supervisors of San Luis Obispo County desires to make findings as required by California Health and Safety Code Sections 17958.7 and 18941.5 that because of climatic, geographical and topographical conditions that exist within San Luis Obispo County, the amendments to the adopted codes are necessary to protect citizens' life, health, the community environment and property; and

WHEREAS, the Fire Chief for San Luis Obispo County has prepared a Report and Findings setting forth the underlying factual support for the required local findings, a copy of which is attached hereto as Exhibit A and incorporated herein by reference as though fully set forth herein.

NOW, THEREFORE, BE IT RESOLVED AND ORDERED by the Board of Supervisors of the County of San Luis Obispo, as follows:

1. That the recitals set forth hereinabove are true, correct, valid and incorporated into the body hereof by this reference.

2. Based upon the facts contained in the Report and Findings attached as Exhibit A, the Board of Supervisors hereby makes findings that because of climatic, geographical and topographical conditions that exist throughout the unincorporated areas of San Luis Obispo County, the amendments to the adopted codes are necessary to protect the life, health, environment and property within the unincorporated areas of San Luis Obispo County. Said Report and Findings is hereby approved and adopted in the form set forth in Exhibit A.

Upon motion of Supervisor Mecham, seconded by Supervisor Ray, and on the following roll call vote, to wit:

AYES: Supervisors Mecham, Ray, Hill, Arnold and Acting Chairperson Gibson

NOES: None

ABSENT: None

ABSTAINING: None

the foregoing Resolution is hereby adopted.

Bruce S. Gibson
Acting Chairperson of the Board of
Supervisors

ATTEST:

Julie L. Rodewald
Clerk of the Board of Supervisors
By: /s/Sandy Currens
Deputy Clerk

APPROVED AS TO FORM AND LEGAL EFFECT:

Rita L. Neal
County Counsel

By: /s/Nina Negranti
Deputy County Counsel

DATED: October 29, 2013

STATE OF CALIFORNIA)
COUNTY OF SAN LUIS OBISPO) ss.

I, **JULIE L. RODEWALD**, County Clerk of the above entitled County, and Ex-Officio Clerk of the Board of Supervisors thereof, do hereby certify the foregoing to be a full, true and correct copy of an order entered in the minutes of said Board of Supervisors, and now remaining of record in my office.

Witness, my hand and seal of said Board of Supervisors this 14th day of January, 2014.

JULIE L. RODEWALD,
County Clerk and Ex-Officio Clerk of the Board of Supervisors

By: Sandy Currens
Deputy Clerk

EXHIBIT A
SAN LUIS OBISPO COUNTY FIRE DEPARTMENT
REPORT AND FINDINGS

The Board of Supervisors of the County of San Luis Obispo finds that in order to best protect the health, safety and welfare of the citizens of the County of San Luis Obispo, the standards of building within the County must conform with State law except where local conditions warrant more restrictive regulations.

Pursuant to Sections 17958.7 and 18941.5 of the California Health and Safety Code, this *Report and Findings* constitutes the findings to support the proposed Ordinance Amending Chapter 16.10 of the San Luis Obispo County Code by Adopting and Amending the 2013 Edition of the California Fire Code, Including Annual Supplements and State Amendments and Errata (“Ordinance”). Pursuant to the Ordinance, specific amendments have been established which are more restrictive in nature than those sections adopted by the State of California and contained in Title 24 and Title 25 of the California Code of Regulations.

The amendments to the 2013 Edition of the California Fire Code, and is part of the California Code of Regulations/California Buildings and Standards Code, Title 24, Part 9), are necessary to address the unique fire problems facing San Luis Obispo County due to the unique local conditions as noted below.

Under the provisions of Sections 17958.5 and 18941.5 of the Health and Safety Code, local amendments shall be based on climatic, geographical, or topographical conditions. The findings contained herein shall address each of these situations and shall present the local conditions which cause the need for the amendments to be adopted.

SAN LUIS OBISPO COUNTY PROFILE

San Luis Obispo County has over 257,000 residents and an area of 3,316 sq. mi. It includes diverse topography, including beaches and coastline bluffs, extensive agriculture, oak and coniferous forests, mountains, and high deserts. There is significant critical infrastructure in the County, which has experienced rapid growth in recent years. The County has a history of earthquakes, including the 2003 San Simeon Earthquake (two deaths, \$239 million damage), and is the home to Diablo Canyon Nuclear Power Plant. The County’s northern and eastern borders are relatively remote, and as a result we cannot rely on timely mutual aid responses from neighboring counties in those directions.

Significant critical infrastructure exists in the County, including: Diablo Canyon Nuclear Power Plant, one commercial gas-fired electrical power plant, and 535 mi. of 110-500kv transmission lines; four drinking water reservoirs, 70 mi. of water transmission pipelines, one pumping station and one holding station; two sea ports; 110 mi. of roadways designated as National Security Route and part of the Strategic Highway Network with 21 major bridges; two National Guard bases, housing active Army satellite, maintenance and fiscal operations; 72 mi. of main line railroad with seven major bridges, five tunnels and a switchback loop; one prison facility with 6,500 inmates (directly below the afore-mentioned railroad switchback loop) one commercial service airport, one general aviation airport, one basic utility airport, and one FAA navigational beacon; one oil refinery, three oil pipeline pumping stations, and 215 mi. of 12-26 inch oil and natural gas transmission pipelines; one departure hub for oceanic telecommunication cables; Hearst Castle and other state parks; one campus of the California State University system, with 19,000 students, performing arts and sports venues; two community college campuses, with 11,150 students, performing arts and sports venues; five acute care hospitals; and, one maximum-security mental hospital with up to 1,200 patients.

Local wineries, beaches, and other attractions draw large numbers of tourists into the area, with resulting planning and security issues. The region has a long history of earthquakes, and is a designated tsunami hazard area. One of only three major north-south highway routes in California passes through the County, as does one of only two major north-south railway lines. Any disruptions to highway or railroad transportation would have significant impacts over a much larger area. Additionally, any such disruptions could totally isolate the region from other parts of the state, significantly limiting the amount of outside help available during an emergency.

EXHIBIT A
SAN LUIS OBISPO COUNTY FIRE DEPARTMENT
REPORT AND FINDINGS

After due consideration the County Board of Supervisors of the County of San Luis Obispo hereby finds that due to local climatic, geologic and topographic conditions as stated in this section, that modifications and changes to the current California Building Standards Code are reasonably necessary to provide sufficient and effective protection of life, health and property.

Climatic: The hot, dry weather in combination with Santa Lucia winds frequently results in wildland fires in areas of the County of San Luis Obispo. These conditions create an environment where the entirety of local fire department personnel is required to control, monitor, fight and protect against such fire situations in an effort to protect life and preserve property. The same climatic conditions may result in the concurrent occurrence of one or more fires in the more populated areas of the County without adequate fire department personnel to protect against and control such a situation. During such periods, limited fire-fighting resources support the imposition of greater fire-protection requirements than set forth in the 2013 California Fire Code.

Geological: The County of San Luis Obispo is in an area of high seismic risk. Four active faults are within the county, each capable of generating large, damaging earthquakes. These faults are: the San Andreas Fault, which trends northwest-southeast near the eastern boundary of San Luis Obispo County; the San Simeon Fault, which is part of the larger Hosgri Fault Zone and parallels the coastline in the northern part of San Luis Obispo County; the Los Osos Fault, which parallels the Los Osos Valley a few miles southwest of the city of San Luis Obispo; and the Oceanic Fault, which runs from the city of San Luis Obispo northwest toward the community of Cambria, and was the fault responsible for the Magnitude 6.5 San Simeon earthquake that affected the region in December 2003. In addition, there are several potentially active faults within the county, including the Rinconada Fault, the Huasna Fault, and the Nacimiento Fault Zone. These faults could also produce large earthquakes.

Earthquakes from these faults could produce primary effects such as strong ground shaking or ground rupture, and secondary effects such as liquefaction and landslides. These primary and secondary effects pose a significant hazard to the county's building stock and infrastructure, and to public health and safety. These hazards include strong shaking causing collapse of vulnerable buildings and bridges, ground rupture affecting roads and highways, and liquefaction damaging buildings, pipelines (water, gas, sewage), marine facilities (docks, jetties), railroads, and airports. Fire from broken gas lines and the lack of water from broken water lines could result in major damage. Landslides caused by strong shaking, possibly in combination with wet weather conditions, could block highways and railroads, thereby isolating parts of the county and affecting emergency response. Earthquake-induced landslides could also produce rockfalls that could strike and damage buildings and vehicles. Tsunamis could inundate the coastline. The protection of human life and the preservation of property in the event of such an occurrence support the imposition of fire protection requirements greater than set forth in the 2013 California Fire Code.

Topographical: The County of San Luis Obispo has rural areas that are in very high fire hazard areas. Due to varied topography, access to structures in rural areas increases response time and delays fire suppression efforts. An extended response time will allow fires to grow beyond the control of initial attack fire suppression resources. Large structure fires in the hillside areas will have a greater likelihood of starting a wildland fire, which may expose additional structures to fire. The above described problems support the imposition of built-in fire protection requirements greater than those set forth in the 2013 California Fire Code.

CONCLUSION

The amending and adoption of the 2013 California Fire Code identifies a legally accepted and recognized means to insure public safety and proper protection from fire. The

EXHIBIT A
SAN LUIS OBISPO COUNTY FIRE DEPARTMENT
REPORT AND FINDINGS

adoption of these Codes together with the amendments provides a reasonable and established means of adequately protecting life, environment and property in the unincorporated parts of San Luis Obispo County.

Based on these findings, Ordinance No. _____, will provide effective protection of the residents, the environment, as well as property and help reduce the ravages of fire.

While the adoption of stringent regulations may not prevent all incidents of fire or deaths from fire, the implementation of the various codes and/or requirements will reduce the severity and potential for the loss of life, damage to the environment and property in the unincorporated parts of San Luis Obispo County.

Prepared by: Laurie Donnelly, Battalion Chief/ Fire Marshal

Submitted by: Robert Lewin, Chief