

**ORDINANCE NO. 5076****ORDINANCE REPEALING CHAPTER 7.92 OF THE SANTA CRUZ COUNTY CODE AND THEREAFTER ADDING NEW CHAPTER 7.92 TO THE SANTA CRUZ COUNTY CODE ADOPTING AND THEN AMENDING THE 2009 EDITION OF THE INTERNATIONAL FIRE CODE**

The Board of Supervisors of the County of Santa Cruz ordains as follows:

**SECTION I**

Chapter 7.92 of the Santa Cruz County Code as enacted by Ordinance No. 4893 is hereby repealed.

**SECTION II**

The Santa Cruz County Code is hereby amended by adding new Chapter 7.92 to read as follows:

**Chapter 7.92  
FIRE CODE**

<b>7.92.010</b>	<b>International Fire Code Adopted.</b>
<b>7.92.010.1</b>	<b>Section 101.1 is amended - Title.</b>
<b>7.92.102.9</b>	<b>Section 102.9 amended - Matters Not Provided For.</b>
<b>7.92.105.1</b>	<b>Section 105.1 amended - General.</b>
<b>7.92.105.1.1</b>	<b>Section 105.1.1 amended - Permit Required.</b>
<b>7.92.105.2</b>	<b>Section 105.2 amended - Application.</b>
<b>7.92.108</b>	<b>Section 108.1 amended - Board of Appeals Established.</b>
<b>7.92.108.3</b>	<b>Section 108.3 deleted - Qualifications.</b>
<b>7.92.108.4</b>	<b>Section 108.4 added - Appeals Process.</b>
<b>7.92.109.3</b>	<b>Section 109.3 is amended - Violation penalties.</b>
<b>7.92.111.4</b>	<b>Section 111.4 is amended - Failure to comply.</b>
<b>7.92.202</b>	<b>Section 202 is amended - Definitions</b>
<b>7.92.304.1.2</b>	<b>Section 304.1.2 is amended - Vegetation.</b>
<b>7.92.307.2</b>	<b>Section 307.2 is amended – Open Burning and Recreational Fires.</b>
<b>7.92.308.1.4</b>	<b>Section 308.1.4 deleted – Open-Flame cooking devices.</b>
<b>7.92.311.5</b>	<b>Section 311.5 is amended - Placards.</b>
<b>7.92.405.2</b>	<b>Table 405.2 Footnote 'a' is amended - Fire and Evacuation Drill Frequency and Participation.</b>
<b>7.92.501.3</b>	<b>Section 501.3 is amended - Construction Documents.</b>
<b>7.92.502.1</b>	<b>Section 502.1 is amended - Definitions.</b>
<b>7.92.503.2.1</b>	<b>Section 503.2.1 is amended - Dimensions.</b>
<b>7.92.503.2.6</b>	<b>Section 503.2.6 is amended - Bridges and Elevated Surfaces.</b>
<b>7.92.503.2.6.1</b>	<b>Section 503.2.6.1 is added - Width.</b>
<b>7.92.503.2.6.2</b>	<b>Section 503.2.6.2 is added - Certification.</b>

7.92.503.2.6.3	Section 503.2.6.3 is added - Recertification.
7.92.503.2.6.4	Section 503.2.6.4 is added - Existing Private Bridges.
7.92.503.2.6.5	Section 503.2.6.5 is added - Fees.
7.92.505.2	Section 505.2 is amended - Street and Road Signs.
7.92.507.1	Section 507.1 is amended - Required Water Supply.
7.92.507.5.7	Section 507.5.7 is added - Painting.
7.92.605.11	Section 605.11 is added – Solar Photovoltaic Power Systems.
7.92.605.12	Section 605.12 is added - Alternate Power Sources.
7.92.903.1	IFC Sections 903.1 through 903.2.10.3 are deleted and replaced- Automatic Sprinkler Systems.
7.92.903.3.1.3	Section 903.3.1.3 is amended - NFPA 13D Sprinkler Systems.
7.92.903.6.1	Section 903.6.1 is amended - Pyroxylin plastics.
7.92.2205.1	Section 2205.1 is amended - Tank filling operations for Class I, II or IIIA liquids.
7.92.2205.1.1	Section 2205.1.1 is amended – Delivery vehicle location.
7.92.2206.2	Section 2206.2 is amended - Method of storage.
7.92.2206.2.1	Section 2206.2.1 is amended - Underground tanks.
7.92.2206.2.2	Section 2206.2.2 is amended - Aboveground tanks located inside buildings.
7.92.2206.2.3	Section 2206.2.3 is amended - Aboveground tanks located outside, above grade.
7.92.2206.2.4	Section 2206.2.4 is amended - Aboveground tanks located in above-grade vaults or below-grade vaults.
7.92.2206.2.4.2	Section 2206.2.4.2 is amended - Fleet vehicle motor fuel-dispensing facilities.
7.92.2206.2.5	Section 2206.2.5 is amended - Portable tanks.
7.92.2206.2.6	Section 2206.2.6 is amended - Special enclosures.
7.92.2206.6.2	Section 2206.6.2 is amended - Piping, valves, fittings and ancillary equipment for aboveground tanks for Class I, II and IIIA liquids.
7.92.2206.7.6	Section 2206.7.6 is amended - Fuel delivery nozzles.
7.92.2206.7.6.1	Section 2206.7.6.1 is amended - Special requirements for nozzles.
7.92.2210.1	Section 2210.1 is amended - General.
7.92.2210.2	Section 2210.2 is amended - Storage and handling.
7.92.2210.2.1	Section 2210.2.1 is amended - Class I, II or III liquid fuel storage.
7.92.2210.2.2	Section 2210.2.2 is amended - Class II or IIIA liquid storage and dispensing.
7.92.2210.2.3	Section 2210.2.3 is amended - Heating equipment.
7.92.2210.3.2	Section 2210.3.2 is amended - Supervision.
7.92.2210.3.3	Section 2210.3.3 is amended - Hoses and nozzles.
7.92.2210.3.4	Section 2210.3.4 is amended - Portable containers.
7.92.2210.5.2	Section 2210.5.2 is amended - Spills.
7.92.3003.5.3	Section 3003.5.3 is amended - Securing compressed gas containers, cylinders and tanks.
7.92.3300	IFC Chapter 33 is deleted and replaced – Explosives and Fireworks.
7.92.3301.1	Section 3301.1 is added - Scope
7.92.3302	Section 3302 is added – Display Fireworks.

- 7.92.3804.2 Section 3804.2 is amended - Maximum Capacity.  
 7.92.5000 Chapter 50 [Reserved for future]  
 7.92.5100 Chapter 51 [Reserved for future]  
 7.92.5200 Chapter 52, starting with Section 5201, is added - Suppression and Control of Hazardous Fire Areas.  
 7.92.5300 Chapter 53 [Reserved for future]

**7.92.010 International Fire Code Adopted.**

That portion of the California Building Standards Code that imposes substantially the same requirements as are contained in the International Fire Code, 2009 Edition published by the International Code Council and the California Building Standards Commission with errata, together with those portions of the International Fire Code, 2009 Edition, including Appendix Chapters B, C, and J published by the International Code Council not included in the California Building Standards Code, as modified and amended by this ordinance, are adopted by this reference into code, and are hereby collectively declared to be the Fire Code of Santa Cruz County.

**7.92.101.1 Section 101.1 is amended – Title.**

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

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

**7.92.102.9 Section 102.9 amended - Matters Not Provided For.**

Section 102.9 of Chapter 1 of the Fire Code of Santa Cruz County is amended to read as follows:

**102.9 - Matters Not Provided For.** Requirements that are essential for the public safety of an existing or proposed activity, building or structure, or for the safety of the occupants thereof, which are not specifically provided for by this code shall be determined by the fire code official.

The fire chief is authorized to render interpretations of this code and to make and enforce rules, supplemental regulations and standards in order to carry out the application and intent of its provisions. Such interpretations, rules, regulations and standards shall be in conformance with the intent and purpose of this code and shall be available to the public during normal business hours. Those standards promulgated by the Santa Cruz County Fire Chiefs Association shall be deemed as prima facie evidence of compliance with this code.

**7.92.105.1 Section 105.1 amended – General.**

Section 105 of Chapter 1 of the Fire Code of Santa Cruz County is amended to read as follows:

**105.1 - General.** Permits shall be in accordance with Sections 105.1.1 through 105.7.13 or other provisions of this code as required by the jurisdiction having authority.

**7.92.105.1.1 Section 105.1.1 amended - Permit Required.**

Section 105.1.1 of Chapter 1 of the Fire Code of Santa Cruz County is amended to read as follows:

**105.1.1 – Permit Required.** When required by the fire code official, a permit shall be obtained. Permit fees, if any, shall be paid prior to issuance of the permit. Issued permits shall be kept on the premises designated therein at all times and shall be readily available for inspection by the fire code official.

**7.92.105.2 Section 105.2 amended - Application.**

Section 105.2 of Chapter 1 of the Fire Code of Santa Cruz County is amended to read as follows:

**105.2 – Application.** Application for a permit, when required by the fire code official, shall be made in such form and detail as prescribed by the fire code official. Applications for permits shall be accompanied by such plans as prescribed by the fire code official.

**7.92.108.1 Section 108.1 amended - Board of Appeals Established.**

Section 108.1 of Chapter 1 of the Fire Code of Santa Cruz County is amended to read as follows:

**108.1 - Board of Appeals Established.** In order to hear and decide appeals of orders, decisions or determinations made by the fire code official relative to the application and interpretation of this code, there shall be and is hereby created a Board of Appeals. The Board of Appeals shall be the Board of Supervisors. The fire code official shall be an ex-officio member of said board but shall have no vote on any matter before the board. The board may adopt additional rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the fire code official.

**7.92.108.3 Section 108.3 deleted – Qualifications**

Section 108.3 of Chapter 1 of the Fire Code of Santa Cruz County is deleted.

**7.92.108.4 Section 108.4 added – Appeals Process**

Section 108.4 of Chapter 1 of the Fire Code of Santa Cruz County is added to read as follows:

**108.4.1 - Initiating Appeal.** Any beneficially interested party has the right to appeal the order served by the fire code official by filing a written “NOTICE OF APPEAL” with the office of the fire code official within fourteen calendar days after service of such order. The notice shall state the order appealed from, the identity and mailing address of the appellant, and the specific grounds upon which the appeal is made.

**108.4.2 - Stay of Order.** The filing of a properly completed notice of appeal shall have the effect of staying the implementation of the order appealed from, until the final decision of appeal.

**EXCEPTION:** Orders affecting acts or conditions which in the opinion of the fire code official, pose an immediate threat to life, property, or the environment as a result of panic, fire, explosion, or release.

**108.4.3 - Hearing of Appeal.** Following is the process for establishing and hearing appeals:

1. The Board of Appeals, or the secretary thereof, shall set the matter to be heard at a date within thirty days of receipt of such notice of appeal. Written notice of the time and place set for hearing shall be served on the appellant by first class mail to the mailing address given in the notice of appeal at least five days prior to the date set for the hearing. The fire code official shall transmit to the Board of Appeals all records related to the appeal.
2. At the hearing on the appeal, the appellant shall, in the first instance present evidence in support of the grounds enumerated in her/his notice of appeal. The fire code official shall next present evidence in support of her/his order. The appellant and the fire code official shall each have one opportunity to rebut the evidence presented by the other. The hearing shall be de novo in all respects.

**108.4.4 - Decision of the Board of Appeals.** Upon hearing the appeal, the Board of Appeals may issue a decision affirming, modifying or vacating the order of the fire code official. The decision shall be in writing and shall be served upon the appellant by first class mail to the mailing address given in the notice of appeal.

**108.4.5 - Time of Decision.** The Board of Appeals shall have the power to continue any hearing and may, in its discretion, take the appeal under submission. The Board of Appeals shall render a decision not later than the seventh day following the date the matter was taken under submission, and forthwith notify the interested parties as previously set forth.

**7.92.109.3 Section 109.3 is amended – Violation penalties.**

Section 109.3 of Chapter 1 of the Fire Code of Santa Cruz County is amended to read as follows:

**109.3 – Violation Penalties.** Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents, or of a permit or certificate used under provisions of this code, shall be guilty of an infraction, punishable as set forth in Section 1.12.040 of the Santa Cruz County Code, plus court assigned fees. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

**7.92.109.3.1 Section 109.3.1 is amended – Abatement of violation.**

Section 109.3.1 of Chapter 1 of the Fire Code of Santa Cruz County is amended to read as follows:

**109.3.1 – Abatement of violation.** In addition to the imposition of the penalties herein described, the fire code official is authorized to institute appropriate action to prevent unlawful construction or to restrain, correct or abate a violation; or to prevent illegal occupancy of a structure or premises; or to stop an illegal act, conduct of business or occupancy of a structure on or about any premises. Any violation of this code shall be deemed a public nuisance pursuant to Santa Cruz County Code Section 1.12.030 and/or the Fire Code of Santa Cruz County. In the event that a public nuisance is not abated in accordance with the fire code official's order or the order of the Board of Appeals, if any, the fire code official may, upon securing approval of the

Board of Supervisors of Santa Cruz County, proceed to abate the nuisance by force account, contract, or any other method deemed most expedient by the Board. The cost of such abatement may be charged to the owner of record, or assessed to the property in a manner provided in Sections 1.14.040 through 1.14.080 of the Santa Cruz County Code.

**7.92.109.3.2 Section 109.3.2 is added – Enforcement.**

Section 109.3.2 of Chapter 1 of the Fire Code of Santa Cruz County is added to read as follows:

**109.3.2 - Enforcement.** The fire code official and her/his delegated subordinates, pursuant to the provisions of Section 836.5 of the Penal Code of the State of California, are hereby authorized to arrest a person without a warrant whenever they have reasonable cause to believe that the person has committed a violation of any of the provisions of this code in their presence. Upon making such an arrest, the fire code official or her/his delegated subordinate shall prepare a citation and release the person arrested pursuant to Section 853.6 of the Penal Code of the State of California, the provisions of which are hereby adopted by reference as part of this Section.

**7.92.111.4 Section 111.4 is amended – Failure to comply.**

Section 111.4 of Chapter 1 of the Fire Code of Santa Cruz County is amended to read as follows:

**111.4 Failure to comply.** It is unlawful for any person, firm or corporation to violate or fail to comply with any lawful order of the fire code official; fail to comply with an order by the Board of Appeals; or, fail to comply with an order of the court of competent jurisdiction within the time fixed therein. Every such violation shall be deemed a misdemeanor and shall be punishable as set forth in Section 1.12.030 of the Santa Cruz County Code.

**7.92.202 Section 202 is amended – Definition of Building Area.**

Definition of Building Area in Section 202 of Chapter 2 of the Fire Code of Santa Cruz County is added after British Thermal Unit to read as follows:

**BUILDING AREA.** The area included within surrounding exterior walls (or exterior walls and firewalls) exclusive of vent shafts and courts. Areas of the building not provided with surrounding walls shall be included in the building area if such areas are included within the horizontal projection of the roof or floor above.

**Section 202 is amended – Definition of De Novo.**

Definition of De Novo in Section 202 of Chapter 2 of the Fire Code of Santa Cruz County is added after Deluge System to read as follows:

**DE NOVO.** adj. Latin for "anew," which means starting over, as in a trial de novo. For example, a decision in a small claims case may be appealed to a local trial court, which may try the case again, de novo.

**Section 202 is amended – Definition of Fire Chief.**

Definition of Fire Chief in Section 202 of Chapter 2 of the Fire Code of Santa Cruz County is amended to read as follows:

**FIRE CHIEF.** The Chief of the Santa Cruz County Fire Department.

**Section 202 is amended – Definition of Hazardous Fire Area.**

Definition of Hazardous Fire Area in Section 202 of Chapter 2 of the Fire Code of Santa Cruz County is added after Handrail to read as follows:

**HAZARDOUS FIRE AREA.** Land that is covered with grass, grain, brush, or forest, whether privately or publicly owned, which is so situated or is of such inaccessible location that a fire originating upon such land would present an abnormally difficult job of suppression or would result in great and unusual damage through fire or resulting erosion. The declaration of a hazardous fire area shall be made by the fire chief for purposes of this code and shall not contradict with hazardous fire areas as defined by the California Public Resources Code.

**Section 202 is amended – Definition of Public Nuisance.**

Definition of Public Nuisance in Section 202 of Chapter 2 of the Fire Code of Santa Cruz County is added after Proximate Audience to read as follows:

**PUBLIC NUISANCE.** The unreasonable, unwarranted and/or unlawful use of property, which causes inconvenience, danger or damage to others, either to individuals and/or to the general public. Nuisances may include, but not be limited to noxious smells, noise, burning, unauthorized collections or storage of hazardous materials.

**Section 202 is amended – Definition of Stage.**

Definition of Stage in Section 202 of Chapter 2 of the Fire Code of Santa Cruz County is added after Spraying Space to read as follows:

**STAGE.** A space within a building utilized for entertainment or presentations, which includes overhead hanging curtains, drops, scenery or stage effects other than lighting and sound. Stage area shall be measured to include the entire performance area and adjacent backstage and support areas not separated from the performance area by fire-resistance rated construction. Stage height shall be measured from the lowest point on the stage floor to the highest point of the roof or floor deck above the stage.

**Section 202 is amended – Definition of State Responsibility Area (SRA).**

Definition of State Responsibility Area (SRA) in Section 202 of Chapter 2 of the Fire Code of Santa Cruz County is added after Stage to read as follows:

**STATE RESPONSIBILITY AREA (SRA)** shall mean lands that are classified by the Board of Forestry pursuant to Public Resources Code Section 4125 where the financial responsibility of preventing and suppressing forest fires is primarily the responsibility of the State of California.

**Section 202 is amended – Yard.**

Definition of Yard in Section 202 of Chapter 2 of the Fire Code of Santa Cruz County is added after State Responsibility Area (SRA) to read as follows:

**YARD.** An open space, other than a court, unobstructed from the ground to the sky on the lot on which a building is situated.

**7.92.304.1.2 Section 304.1.2 is amended – Vegetation.**

Section 304.1.2 of Chapter 3 of the Fire Code of Santa Cruz County is amended to read as follows:

**304.1.2 – Vegetation.** Weeds, grass, vines or other growth that is capable of being ignited and endangering property, shall be cut down and removed by the owner or occupant of the premises. Vegetation clearance requirements in urban-wildland interface areas shall be maintained around and adjacent to buildings and structures. A firebreak shall be made by removing and clearing away, for a distance of not less than 30 feet on each side of the building or structure or to the property line, whichever is nearer, all flammable vegetation or other combustible growth. This does not apply to single specimens of trees or other vegetation that is well-pruned and maintained so as to effectively manage fuels and not form a means of rapidly transmitting fire from other nearby vegetation to any building or structure.

When required by state law, or local ordinance, rule or regulation, an additional fire protection zone or firebreak may be made by removing all brush, flammable vegetation, or combustible growth that is located within 100 feet from the building or structure or to the property line. This section does not prevent an insurance company that insures a building or structure from requiring the owner of the building or structure to maintain a firebreak of more than 100 feet around the building or structure. Grass and other vegetation located more than 30 feet from the building or structure and less than 18 inches in height above the ground may be maintained where necessary to stabilize the soil and prevent erosion. This does not apply to single specimens of trees or other vegetation that is well-pruned and maintained so as to effectively manage fuels and not form a means of rapidly transmitting fire from other nearby vegetation to a dwelling or structure.

**7.92.307.2 Section 307.2 is amended - Open Burning and Recreational Fires.**

Section 307.2 of Chapter 3 of the Fire Code of Santa Cruz County is amended to read as follows:

**307.2 Permit required.** When required by the fire chief, a permit shall be obtained prior to kindling a fire for recognized silvicultural or range or wildlife management practices, prevention or control of disease or pests, or a bonfire. Application for such permit shall only be presented by and permits issued to the owner of the land upon which the fire is to be kindled.

The open burn season for Santa Cruz County unless otherwise declared shall be December 1<sup>st</sup> through April 30<sup>th</sup> of the calendar year. The dates may only be changed by the Monterey Bay Area Unified Air Pollution Control District.

**Exceptions:**

1. During the “declared open burn season” (as declared by the Monterey Bay Area Unified Air Pollution Control District) pile burning is allowed, at the discretion of the fire chief, when the “Guidelines for Pile Burning” (published by the California Department of Forestry and Fire Protection or the Monterey Bay Area Unified Air Pollution Control District) are strictly adhered to.

**7.92.308.1.4 Section 308.1.4 is deleted – Open-Flame cooking devices.**

Section 308.1.4 of Chapter 3 of the Fire Code of Santa Cruz County is hereby deleted.

**7.92.311.5 Section 311.5 is amended – Placards.**

Section 311.5 of Chapter 3 of the Fire Code of Santa Cruz County is amended to read as follows:

**311.5 – Placards.** When required by the fire code official, any building or structure determined to be unsafe pursuant to Section 110 of this code shall be marked as required by Sections 311.5 through 311.5.5.

**7.92.405.2 Table 405.2 Footnote ‘a’ is amended - Fire and Evacuation Drill Frequency and Participation**

Footnote ‘a’ to Table 405.2 of Chapter 4 of the Fire Code of Santa Cruz County is amended to read as follows:

**a.** The frequency in all school levels shall be allowed to be modified in accordance with Section 408.3.2. Secondary level schools need only conduct evacuation drills twice each school year.

**7.92.501.3 Section 501.3 is amended – Construction Documents.**

Section 501.3 of Chapter 5 of the Fire Code of Santa Cruz County is amended to read as follows:

**501.3 – Construction Documents.** Construction documents for proposed fire apparatus access, location of fire lanes and construction documents and hydraulic calculations for fire hydrant systems shall be submitted to the fire department for review and approval prior to construction. When grading work is needed for the access road(s) within the jurisdiction of Santa Cruz County, application for a grading permit shall be made with the Santa Cruz County Planning Department pursuant to the Santa Cruz County Grading Ordinance. Such Permits shall be reviewed by the Santa Cruz County Environmental Coordinator as required.

**7.92.502.1 Section 502.1 is amended – Definitions.**

Section 502.1 of Chapter 5 of the Fire Code of Santa Cruz County is amended adding the definition of All Weather Surface to read as follows:

**ALL WEATHER SURFACE.** An all weather surface shall be a minimum of 6" of compacted Class II base rock for grades up to and including 5%, oil and screened for grades up to and including 15%, and asphaltic concrete for grades exceeding 15%. No grade shall be allowed to exceed 20%.

**7.92.502.1 Section 502.1 is amended – Definitions.**

Section 502.1 of Chapter 5 of the Fire Code of Santa Cruz County is amended adding the definition of Bridge to read as follows:

**BRIDGE.** A bridge shall be defined as a structure designed to carry a roadway over a depression or obstacle.

**7.92.503.2.1 Section 503.2.1 is amended – Dimensions.**

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

**503.2.1 – Dimensions.** Fire Apparatus access roads shall have an unobstructed width of not less than 20 feet (6096 mm) except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm).

**EXCEPTIONS: 1.** Outside of the Urban Services Line as established by the County of Santa Cruz, access roads shall be a minimum of 18 feet wide for all access roads or driveways serving more than two habitable structures, and 12 feet for an access road or driveway serving two or fewer habitable structures. Where it is environmentally inadvisable to meet these criteria (due to excessive grading, tree removal or other environmental impacts), a 12-foot wide all-weather surface access road with 12-foot wide by 35-foot long turnouts located approximately every 500 feet may be provided with the approval of the fire code official.

**NOTE:** Title 19 of the California Administrative Code requires that access roads from every state governed building to a public street shall be all-weather hard-surface (suitable for use by fire apparatus) roadway not less than 20 feet in width. Such roadway shall be unobstructed and maintained only as access to the public street.

**2.** Vertical clearance may be reduced, provided such reduction does not impair access by fire apparatus and approved signs are installed and maintained indicating the established vertical clearance when approved by the fire code official.

**7.92.503.2.6 Section 503.2.6 is amended – Bridges and Elevated Surfaces.**

Section 503.2.6 of Chapter 5 of the Fire Code of Santa Cruz County is amended to read as follows:

**503.2.6 - Bridges and elevated surfaces.** When a bridge or an elevated surface is part of a fire apparatus access road, the bridge shall be constructed and maintained in accordance with AASHTO HS-20 (25 ton). Bridges and elevated surfaces shall be designed for a live load sufficient to carry the imposed loads of fire apparatus. Vehicle load limits shall be posted at both entrances to bridges when required by the fire code official. Where elevated surfaces designed for emergency vehicle use are adjacent to surfaces which are not designed for such use, approved barriers, approved signs or both shall be installed and maintained when required by the fire code official.

**7.92.503.2.6.1 Section 503.2.6.1 is added – Width.**

Section 503.2.6.1 of Chapter 5 of the Fire Code of Santa Cruz County is added to read as follows:

**503.2.6.1 - Width.** All bridges shall be a minimum of 20 feet of clear width. The fire code official may allow the width to be reduced for access to U-1, U-2 or R-3 occupancies in accordance with Objective 6.5 – Fire Hazards of the Santa Cruz County General Plan.

**7.92.503.2.6.2 Section 503.2.6.2 is added – Certification.**

Section 503.2.6.2 of Chapter 5 of the Fire Code of Santa Cruz County is added to read as follows:

**503.2.6.2 - Certification.** Every private bridge hereafter constructed shall be engineered by a licensed civil or structural engineer and approved by the fire code official. Certification shall be provided by the licensed engineer in writing that the bridge complies with the design standard required by this section to the fire code official.

**7.92.503.2.6.3 Section 503.2.6.3 is added – Recertification.**

Section 503.2.6.3 of Chapter 5 of the Fire Code of Santa Cruz County is added to read as follows:

**503.2.6.3 - Recertification.** Every private bridge shall be recertified every ten years or whenever deemed necessary by the fire code official. Such recertification shall be in accordance with the requirements of 503.2.6.2.

**7.92.503.2.6.4 Section 503.2.6.4 is added – Existing Private Bridges.**

Section 503.2.6.4 of Chapter 5 of the Fire Code of Santa Cruz County is added to read as follows:

**503.2.6.4 - Existing Private Bridges.** An existing private bridge not conforming to these regulations may be required to conform when in the opinion of the fire code official, such repairs are necessary for public safety.

**7.92.503.2.6.5 Section 503.2.6.5 is added – Fees.**

Section 503.2.6.5 of Chapter 5 of the Fire Code of Santa Cruz County is added to read as follows:

**503.2.6.5 - Fees.** All fees charged for the purpose of certification or recertification shall be at the owners' expense.

**7.92.505.2 Section 505.2 is amended – Street and Road Signs.**

Section 505.2 of Chapter 5 of the Fire Code of Santa Cruz County is amended to read as follows:

**505.2 - Street and Road Signs.** Streets and roads shall be identified with approved signs. Temporary signs shall be installed at each street intersection when construction of new roadways

allows passage by vehicles. Signs shall be of an approved size, weather resistant and be maintained until replaced by permanent signs. Posting of any road names and numbers not authorized by the Office of Street Naming and Numbering of the County of Santa Cruz, and the fire code official is prohibited.

**7.92.507.1 Section 507.1 is amended – Required Water Supply.**

Section 507.1 of Chapter 5 of the Fire Code of Santa Cruz County 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.

The minimum water supply for all new dwellings within State Responsibility Areas (SRA) shall be capable of supplying a flow of 500 gallons per minute for 20 minutes (10,000 gallons) for each parcel. Privately owned water that is not supplied by a licensed water purveyor shall: (1) serve no more than two dwellings and no more than 10,000 square feet of habitable dwelling space, and (2) be provided pursuant to a recorded covenant that runs with the land if the water supply originates from another parcel. If a water purveyor supplies the water, the applicant must submit with the building plan written verification from the licensed purveyor that the water supply meets the flow requirement.

**Exceptions:**

1. A 2% reduction will be allowed for flow supplied by approved stationary water tanks, to account for the nominal standardized capacity of such tanks.
2. The fire chief may reduce the flow requirement to 250 gallons per minute for 20 minutes by substituting approved enhanced access, defensible space, and/or ignition-resistant material requirements.

**7.92.507.5.7 Section 507.5.7 is added – Painting.**

Section 507.5.7 of Chapter 5 of the Fire Code of Santa Cruz County is added to read as follows:

**507.5.7 – Painting.** When required by the fire code official, fire hydrants shall be painted in accordance with NFPA 291.

**7.92.605.11 Section 605.11 is added – Photovoltaic Power Systems.**

Section 605.11 of Chapter 6 of the Fire Code of Santa Cruz County is added to read as follows:

**605.11 Solar Photovoltaic Power Systems**

Solar photovoltaic power systems shall be installed in accordance with this code and NFPA 70 National Electric Code.

**Exception:** Detached Group U non-habitable structures such as parking shade structures, carports, solar trellises, and similar type structures are not subject to the requirements of this section.

**605.11.1 Marking.** Marking is required on all interior and exterior dc conduit, enclosures, raceways, cable assemblies, junction boxes, combiner boxes, and disconnects.

**605.11.1.1 Materials.** The materials used for marking shall be reflective, weather resistant and suitable for the environment. Marking as required in sections 605.11.1.1 through 605.11.1.4 shall have all letters capitalized with a minimum height of 3/8 inch (9.5 mm) white on red background.

**605.11.1.2 Marking content.** The marking shall contain the words “WARNING: PHOTOVOLTAIC POWER SOURCE”.

**605.11.1.3 Marking.** Marking shall be placed on all interior and exterior dc conduit, raceways, enclosures and cable assemblies every 10 feet (3048 mm) within 1 foot (305 mm) of all turns or bends and within 1 foot (305 mm) above and below all penetrations of roof/ceiling assemblies and all walls and /or barriers.

**605.11.1.4 Main service disconnect.** The marking shall be placed adjacent to the main service disconnect in a location clearly visible from the location where the disconnect is operated.

**605.11.2 Locations of DC conductors.** Conduit, wiring systems, and raceways for photovoltaic circuits shall be located as close as possible to the ridge or hip or valley and from the hip or valley as directly as possible to an outside wall to reduce trip hazards and maximize ventilation opportunities. Conduit runs between sub arrays and to DC combiner boxes shall be installed in a manner that minimizes total amount of conduit on the roof by taking the shortest path from the array to the DC combiner box. The DC combiner boxes shall be located such that conduit runs are minimized in the pathways between arrays. DC wiring shall be run in metallic conduit or raceways when located within enclosed spaces in a building. Conduit shall run along the bottom of load bearing members.

**605.11.3 Access and pathways.** Roof access, pathways and spacing requirements shall be provided in order to ensure access to the roof; provide pathways to specific areas of the roof; provide for smoke ventilation operations; and to provide emergency egress from the roof.

**Exceptions:**

1. Requirements relating to ridge, hip, and valleys do not apply to roofs slopes of two units vertical in twelve units horizontal (2:12) or less.
2. Residential structures shall be designed so that each array is no greater than 150 feet (45 720 mm) by 150 feet (45 720 mm) in either axis.
3. The fire chief may allow panels/modules to be located up to the ridge when an alternative ventilation method acceptable to the fire chief has been provided or where the fire chief has determined vertical ventilation techniques will not be employed.

**605.11.3.1 Roof access points.** Roof access points shall be defined as an area that does not place ground ladders over openings such as windows or doors, and are located at strong points of building construction in locations where the access point does not conflict with overhead obstructions such as tree limbs, wires, or signs.

**605.11.3.2 Residential systems for one- and two-family residential dwellings.** Access shall be provided in accordance with Sections 605.11.3.2.1 through 605.11.3.2.4.

**605.11.3.2.1 Residential buildings with hip roof layouts.** Panels /modules shall be located in a manner that provides a 3 foot (914 mm) wide clear access pathway from the eave to the ridge on each roof slope where panels/modules are located. The access pathway shall be located at a structurally strong location on the building capable of supporting the live load of fire fighters accessing the roof.

**605.11.3.2.2 Residential buildings with a single ridge.** Panels/modules shall be located in a manner that provides two 3 foot (914 mm) wide access pathways from the eave to the ridge on each roof slope where panels/modules are located.

**605.11.3.2.3 Hips and Valleys:** Panels/modules shall be located no closer than 18 inches (457 mm) to a hip or a valley if panels/modules are to be placed on both sides of a hip or valley. If the panels are to be located on only one side of a hip or valley that is of equal length then the panels shall be permitted to be placed directly adjacent to the hip or valley.

**605.11.3.2.4 Smoke Ventilation.** Panels/modules shall be located no higher than 3 feet (914 mm) below the ridge in order to allow for fire department smoke ventilation operations.

**605.11.3.3 All other occupancies.** Access shall be provided in accordance with Sections 605.11.3.3.1 through 605.11.3.3.3.

**Exception:** Where it is determined by the fire code official that the roof configuration is similar to a one- or two-family dwelling, the fire code official may approve the residential access and ventilation requirements provided in 605.11.3.2.1 through 605.11.3.2.4.

**605.11.3.3.1 Access.** There shall be a minimum 6 foot (1829 mm) wide clear perimeter around the edges of the roof.

**Exception:** If either axis of the building is 250 feet (76 200 mm) or less, there shall be a minimum 4 foot (1290 mm) wide clear perimeter around the edges of the roof.

**605.11.3.3.2 Pathways.** The solar installation shall be designed to provide designated pathways. The pathways shall meet the following requirements:

1. The pathway shall be over areas capable of supporting the live load of fire fighters accessing the roof.

2. The center line axis pathways shall be provided in both axis of the roof. Center line axis pathways shall run where the roof structure is capable of supporting the live load of firefighters accessing the roof.
3. Shall be straight line not less than 4 feet (1290 mm) clear to skylights and/or ventilation hatches.
4. Shall be straight line not less than 4 feet (1290 mm) clear to roof standpipes.
5. Shall provide not less than 4 feet (1290 mm) clear around roof access hatch with at least one not less than 4 feet (1290 mm) clear pathway to parapet or roof edge.

**605.11.3.3.3 Smoke Ventilation.** The solar installation shall be designed to meet the following requirements:

1. Arrays shall be no greater than 150 feet (45 720 mm) by 150 feet (45 720 mm) in distance in either axis in order to create opportunities for smoke ventilation operations.
2. Smoke ventilation options between array sections shall be one of the following:
  - 2.1. A pathway 8 feet (2438 mm) or greater in width,
  - 2.2. A 4 feet (1290 mm) or greater in width pathway and bordering roof skylights or smoke and heat vents,
  - 2.3. A 4 feet (1290 mm) or greater in width pathway and bordering 4 foot (1290 mm) x 8 foot (2438 mm) “venting cutouts” every 20 feet (6096 mm) on alternating sides of the pathway.

**605.11.4 Ground mounted photovoltaic arrays.** Ground mounted photovoltaic arrays shall comply with Sections 605.12 through 605.12.2 and this section. Setback requirements do not apply to ground-mounted, free standing photovoltaic arrays. Vegetation shall be kept clear for a minimum distance of 10 feet (3048 mm) from ground mounted photovoltaic arrays and associated equipment.

**7.92.605.12 Section 605.12 is added – Alternate Power Sources.**

Section 605.12 of Chapter 6 of the Fire Code of Santa Cruz County is added to read as follows:

**605.12 - Alternate Power Sources.** All permanent installations of electrical generators, wind generators, solar photovoltaic cells, or other power sources shall be approved by the building code official. In addition to all applicable provisions of Title 24 CCR for any such installation, a sign reading:

**“WARNING – This premise is provided with an Alternate Power Source.  
Disconnection of commercial power may not disable the electrical power  
source”**

shall be permanently affixed. Sign shall be red in color with a minimum of ½” tall contrasting lettering and shall be permanently affixed on each electrical panel subject to back-feed from alternate power sources. Any and all power disabling switches shall be clearly labeled.

**7.92.903.1 IFC Sections 903.1 through 903.2.10.1 are Deleted – Automatic Sprinkler Systems**

Sections 903.1 through 903.2.10.1 of Chapter 9 of the Fire Code of Santa Cruz County are deleted and replaced to read as follows:

**903.1 General.** Automatic sprinkler systems shall comply with this section.

**903.1.1 Alternative Protection.** Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted in lieu of automatic sprinkler protection where recognized by the applicable standard and approved by the fire code official.

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

**903.2.1 New Structures.** An automatic fire sprinkler system shall be provided in all new occupancies as defined in Chapter 3 of the California Building Code, regardless of type of construction and/or floor area, unless otherwise pre-empted by the California Health and Safety Code. Any occupancy not specifically mentioned shall be included in the group that it most nearly resembles based on the proposed life and fire hazard.

**EXCEPTIONS:** 1. Private garages, carports, sheds not more than 1,000 square feet (93 m<sup>2</sup>) of total floor area shall not require fire sprinklers where they are detached and separate from other structures and provided with exterior wall and opening protection as per the California Building Code.

2. Sheds exceeding 1,000 square feet, (93 m<sup>2</sup>) but not exceeding 3,000 square feet (278 m<sup>2</sup>) shall not require fire sprinklers at the discretion of the fire chief when the applicant demonstrates that the applicant's proposal does not increase the fire hazard or fire load.

3. Agricultural buildings as defined in Appendix Chapter C, of the California Building Code not exceeding 2,000 square feet (186 m<sup>2</sup>), not exceeding 25 feet (7620 mm) in height, having a clear unobstructed side yard exceeding 60 feet (18,280 mm) in all directions, and located within an Agricultural zoned district, as defined in the Santa Cruz County Planning Code, or as exempted by the fire chief, shall not require fire sprinklers.

Additionally, agricultural buildings exceeding 2,000 square feet (186 m<sup>2</sup>) but not exceeding 5,000 square feet, not exceeding 25 feet (7620 mm) in height, having a clear unobstructed side yard exceeding 60 feet (18,280 mm) in all directions, and located within an Agricultural zoned district, as defined in the Santa Cruz County Planning Code, shall not require fire sprinklers at the discretion of the fire chief when the applicant demonstrates the applicant's proposal does not increase the fire hazard or fire load.

4. Group B and Group M Occupancies not more than 500 square feet (46.5 m<sup>2</sup>) shall not require fire sprinklers where they are detached and separate from other structures and provided with exterior wall and opening protection as per the California Building Code, Table 508.3.3.

5. Greenhouses of non-combustible construction shall not require fire sprinklers.

**903.2.2 Existing Structures.** An automatic sprinkler system shall be provided in existing structures when, after the effective date of this code, a building permit is issued to allow additions to be made to existing structures which either:

1. already are six thousand (6,000) square feet or greater in total floor area; or
2. When additions are made to a structure which contains an existing fire sprinkler system, the fire sprinkler system shall be extended, thus creating fire sprinkler protection throughout the entire structure.

**Exceptions:**

1. Group U occupancies not more than one thousand (1,000) square feet.
2. Group B and Group M occupancies not more than five hundred (500) square feet.
3. Group R-3 dwellings where additions do not increase the total existing square footage by more than 50%. Additions 500 square feet and less are exempt from fire sprinkler requirements unless the structure is already protected by a fire sprinkler system.
4. Group A-2 occupancies not more than five thousand (5,000) square feet.

**903.2.3 During construction.** Automatic sprinkler systems required during construction, alteration and demolition operations shall be provided in accordance with Section 1413.

**903.2.4 Other hazards.** Automatic sprinkler protection shall be provided for the hazards indicated in Sections 903.2.4.1 through 903.2.4.8.

**903.2.4.1 Windowless stories in all occupancies.** An automatic sprinkler system shall be installed in the locations set forth in Sections 903.2.4.1.1 through 903.2.4.1.4.

**Exception:** Group R-3 and Group U.

**903.2.4.1.1 Stories and basements without openings.** An automatic sprinkler system shall be installed in every story or basement of all buildings where the floor area exceeds 1,500 square feet (139.4m<sup>2</sup>) and where there is not provided at least one of the following types of exterior wall openings:

1. Openings below grade that lead directly to ground level by an exterior stairway complying with Section 1009 or an outside ramp complying with Section 1010. Openings shall be located in each 50 linear feet (15 240 mm), or fraction thereof, of exterior wall in the story on at least one side.
2. Openings entirely above the adjoining ground level totaling at least 20 square feet (1.86 m<sup>2</sup>) in each 50 linear feet (15 240 mm), or fraction thereof, of exterior wall

in the story on at least one side.

**903.2.4.1.2 Opening dimensions and access.** Openings shall have a minimum dimension of not less than 30 inches (762 mm). Such openings shall be accessible to the fire department from the exterior and shall not be obstructed in a manner that fire fighting or rescue cannot be accomplished from the exterior.

**903.2.4.1.3 Openings on one side only.** Where openings in a story are provided on only one side and the opposite wall of such story is more than 75 feet (22 860 mm) from such openings, the story shall be equipped throughout with an approved automatic sprinkler system or openings as specified above shall be provided on at least two sides of the story.

**903.2.4.1.4 Basements.** Where any portion of a basement is located more than 75 feet (22 860 mm) from openings required by Section 903.2.4.1.1, the basement shall be equipped throughout with an approved automatic sprinkler system.

**903.2.4.2 Rubbish and linen chutes.** An automatic sprinkler system shall be installed at the top of rubbish and linen chutes and in their terminal rooms. Chutes extending through three or more floors shall have additional sprinkler heads installed within such chutes at alternate floors. Chute sprinklers shall be accessible for servicing.

**903.2.4.3 Buildings 55 feet or more in height.** An automatic sprinkler system shall be installed throughout buildings 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.
3. Occupancies in Group F-2.

**903.2.4.4 Ducts conveying hazardous exhausts.** Where required by the California Mechanical Code, automatic sprinklers shall be provided in ducts conveying hazardous exhausts, flammable or combustible materials.

**Exception:** Ducts where the largest cross-sectional diameter of the duct is less than 10 inches (254 mm).

**903.2.4.5 Commercial cooking operations.** An automatic sprinkler system shall be installed in a commercial kitchen exhaust hood and duct system where an automatic sprinkler system is used to comply with Section 904.

**903.2.4.6 Change of hazard.** The fire code official may require the installation of an automatic fire system when there is a change in the character of the occupancy or use of any building which increases or may cause to increase the hazard of fire or threat to life or safety.

**903.2.4.7 Change in access.** The fire code official may require the installation of an automatic fire system when any alteration or change in the use of a building or portion thereof changes access to property so as to impede the fire department's ability to control a fire.

**903.2.4.8 Other required suppression systems.** In addition to the requirements of Section 903.2, the provisions indicated in Table 903.2.4.8 also require the installation of a suppression system for certain buildings and areas.

**TABLE 903.2.4.8  
ADDITIONAL REQUIRED FIRE-EXTINGUISHING SYSTEMS**

SECTION	SUBJECT
914.2.1	Covered malls
914.3.1	High rise buildings
914.4.1	Atriums
914.5.1	Underground structures
914.6.1	Stages
914.7.1	Special amusement buildings
914.8.2, 914.8.5	Aircraft hangars
914.9	Flammable finishes
914.10	Drying rooms
1028.6.2.3	Smoke-protected seating
1208.2	Dry cleaning plants
1208.3	Dry cleaning machines
1504.2	Spray finishing in Group A, E, I or R
1504.4	Spray booths and spray rooms
1505.2	Dip-tank rooms in Group A, I or R
1505.4.1	Dip tanks
1505.9.4	Hardening and tempering tanks
1803.10	HPM facilities
1803.10.1.1	HPM work station exhaust
1803.10.2	HPM gas cabinets and exhausted enclosures
1803.10.3	HPM exit access corridor
1803.10.4	HPM exhaust ducts
1803.10.4.1	HPM noncombustible ducts
1803.10.4.2	HPM combustible ducts
1907.3	Lumber production conveyor enclosures
1908.7	Recycling facility conveyor enclosures
2106.1	Class A and B ovens
2106.2	Class C and D ovens
2209.3.2.6.2	Hydrogen motor fuel-dispensing area canopies

Table 2306.2	Storage fire protection
2306.4	Storage
2703.8.4.1	Gas rooms
2703.8.5.3	Exhausted enclosures
2704.5	Indoor storage of hazardous materials
2705.1.8	Indoor dispensing of hazardous materials
2804.4.1	Aerosol warehouses
2806.3.2	Aerosol display and merchandising areas
2904.5	Storage of more than 1,000 cubic feet of loose combustible fibers
3306.5.2.1	Storage of smokeless propellant
3306.5.2.3	Storage of small arms primers
3404.3.7.5.1	Flammable and combustible liquid storage rooms
3404.3.8.4	Flammable and combustible liquid storage warehouses
3405.3.7.3	Flammable and combustible liquid Group H-2 or H-3 areas
3704.1.2	Gas cabinets for highly toxic and toxic gas
3704.1.3	Exhausted enclosures for highly toxic and toxic gas
3704.2.2.6	Gas rooms for highly toxic and toxic gas
3704.3.3	Outdoor storage for highly toxic and toxic gas
4204.1.1	Pyroxylin plastic storage cabinets
4204.1.3	Pyroxylin plastic storage vaults
4204.2	Pyroxylin plastic storage and manufacturing
4603.4.1	Pyroxylin plastic storage in existing buildings
4603.4.2	Existing Group I-2 Occupancies

**7.92.903.3.1.3 Section 903.3.1.3 is amended – NFPA 13D Sprinkler Systems.**

Section 903.3.1.3 of Chapter 9 of the Fire Code of Santa Cruz County is amended to read as follows:

**903.3.1.3 NFPA 13D sprinkler systems.** Where allowed, automatic sprinkler systems installed in one and two-family dwellings shall be installed throughout in accordance with NFPA 13D, and installation guidelines as promulgated by the Santa Cruz County Fire Chiefs Association.

**7.92.903.6.1 Section 903.6.1 is amended – Pyroxylin plastics.**

Section 903.6.1 of Chapter 9 of the Fire Code of Santa Cruz County is amended to read as follows:

**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/m<sup>2</sup>) over the area of the vault.

**7.92.2205.1 Section 2205.1 is amended – Tank filling operations for Class I, II or IIIA liquids.**

Section 2205.1 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2205.1 Tank filling operations for Class I, II or III liquid fuels.** Delivery operations to tanks for Class I, II or III liquid fuels shall comply with Sections 2205.1.1 through 2205.1.3 and the applicable requirements of Chapter 34.

**7.92.2205.1.1 Section 2205.1.1 is amended – Delivery vehicle location.**

Section 2205.1.1 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2205.1.1 Delivery vehicle location.** Where liquid delivery to above-ground storage tanks is accomplished by positive-pressure operation, tank vehicles shall be positioned a minimum of 25 feet (7620 mm) from tanks receiving Class I liquids and 15 feet (4572 mm) from tanks receiving Class II and III liquid fuels.

**7.92.2206.2 Section 2206.2 is amended – Method of storage.**

Section 2206.2 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2206.2 Method of storage.** Approved methods of storage for Class I, II and III liquid fuels at motor fuel-dispensing facilities shall be in accordance with Sections 2206.2.1 through 2206.2.5.

**7.92.2206.2.1 Section 2206.2.1 is amended – Underground tanks.**

Section 2206.2.1 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2206.2.1 Underground tanks.** Underground tanks for the storage of Class I, II and III liquid fuels shall comply with Chapter 34.

**7.92.2206.2.2 Section 2206.2.2 is amended – Aboveground tanks located inside buildings.**

Section 2206.2.2 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2206.2.2 Aboveground tanks located inside buildings.** Aboveground tanks for the storage of Class I, II and III liquid fuels are allowed to be located in buildings. Such tanks shall be located in special enclosures complying with Section 2206.2.6, in a liquid storage room or a liquid storage warehouse complying with Chapter 34, or shall be listed and labeled as protected aboveground tanks.

**7.92.2206.2.3 Section 2206.2.3 is amended – Aboveground tanks located outside, above grade.**

Section 2206.2.3 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2206.2.3 Aboveground tanks located outside, above grade.** Aboveground tanks shall not be used for the storage of Class I, II or III liquid motor fuels except as provided by this section.

1. Above-ground tanks used for outside, above-grade storage of Class I, II or III liquid fuels shall be listed and labeled as protected aboveground tanks and be in accordance with Chapter 34. Such tanks shall be located in accordance with Table 2206.2.3.

2. Tanks containing fuels shall not exceed 12,000 gallons (45 420 L) in individual capacity or 48,000 gallons (181 680 L) in aggregate capacity. Installations with the maximum allowable aggregate capacity shall be separated from other such installations by not less than 100 feet (30 480 mm).

3. Tanks located at farms, construction projects, or rural areas shall comply with Section 3406.2.

**7.92.2206.2.4 Section 2206.2.4 is amended – Aboveground tanks located in above-grade vaults or below-grade vaults.**

Section 2206.2.4 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2206.2.4 Aboveground tanks located in above-grade vaults or below-grade vaults.**

Aboveground tanks used for storage of Class I, II or III liquid motor fuels are allowed to be installed in vaults located above grade or below grade in accordance with Section 3404.2.8 and shall comply with Sections 2206.2.4.1 and 2206.2.4.2. Tanks in above-grade vaults shall also comply with Table 2206.2.3.

**7.92.2206.2.4.2 Section 2206.2.4.2 is amended – Fleet vehicle motor fuel-dispensing facilities.**

Section 2206.2.4.2 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2206.2.4.2 Fleet vehicle motor fuel-dispensing facilities.** Tanks storing Class II and Class III liquid fuels at a fleet vehicle motor fuel-dispensing facility shall be limited to a maximum individual capacity of 20,000 gallons (75 700 L) and an aggregate capacity of 80,000 gallons (302 800 L).

**7.92.2206.2.5 Section 2206.2.5 is amended – Portable tanks.**

Section 2206.2.5 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2206.2.5 Portable tanks.** Where approved by the fire code official, portable tanks are allowed to be temporarily used in conjunction with the dispensing of Class I, II or III liquid fuels into the fuel tanks of motor vehicles or motorized equipment on premises not normally accessible to the public. The approval shall include a definite time limit.

**7.92.2206.2.6 Section 2206.2.6 is amended – Special enclosures.**

Section 2206.2.6 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2206.2.6 Special enclosures.** Where installation of tanks in accordance with Section 3404.2.11 is impractical, or because of property or building limitations, tanks for liquid motor fuels are allowed to be installed in buildings in special enclosures in accordance with all of the following:

1. The special enclosure shall be liquid tight and vapor tight.
2. The special enclosure shall not contain backfill.
3. Sides, top and bottom of the special enclosure shall be of reinforced concrete at least 6 inches (152 mm) thick, with openings for inspection through the top only.
4. Tank connections shall be piped or closed such that neither vapors nor liquid can escape into the enclosed space between the special enclosure and any tanks inside the special enclosure.
5. Means shall be provided whereby portable equipment can be employed to discharge to the outside any vapors which might accumulate inside the special enclosure should leakage occur.
6. Tanks containing Class I, II or III liquids inside a special enclosure shall not exceed 6,000 gallons (22 710 L) in individual capacity or 18,000 gallons (68 130 L) in aggregate capacity.
7. Each tank within special enclosures shall be surrounded by a clear space of not less than 3 feet (910 mm) to allow for maintenance and inspection.

**7.92.2206.6.2 Section 2206.6.2 is amended – Piping, valves, fittings and ancillary equipment for aboveground tanks for Class I, II and IIIA liquids.**

Section 2206.6.2 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2206.6.2 Piping, valves, fittings and ancillary equipment for aboveground tanks for Class I, II and III liquid fuels.** Piping, valves, fittings and ancillary equipment for aboveground tanks shall comply with Sections 2206.6.2.1 through 2206.6.2.6.

**7.92.2206.7.6 Section 2206.7.6 is amended – Fuel delivery nozzles.**

Section 2206.7.6 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2206.7.6 Fuel delivery nozzles.** A listed automatic-closing-type hose nozzle valve with or without a latch-open device shall be provided on island-type dispensers used for dispensing Class I, II or III liquid fuels.

Overhead-type dispensing units shall be provided with a listed automatic-closing-type hose nozzle valve without a latch-open device.

**Exception:** A listed automatic-closing-type hose nozzle valve with latch-open device is allowed to be used on overhead-type dispensing units where the design of the system is

such that the hose nozzle valve will close automatically in the event the valve is released from a fill opening or upon impact with a driveway.

**7.92.2206.7.6.1 Section 2206.7.6.1 is amended – Special requirements for nozzles.**

Section 2206.7.6.1 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2206.7.6.1 Special requirements for nozzles.** Where dispensing of Class I, II or III liquid fuels is performed, a listed automatic-closing-type hose nozzle valve shall be used incorporating all of the following features:

1. The hose nozzle valve shall be equipped with an integral latch-open device.
2. When the flow of product is normally controlled by devices or equipment other than the hose nozzle valve, the hose nozzle valve shall not be capable of being opened unless the delivery hose is pressurized. If pressure to the hose is lost, the nozzle shall close automatically.

**Exception:** Vapor recovery nozzles incorporating insertion interlock devices designed to achieve shutoff on disconnect from the vehicle fill pipe.

3. The hose nozzle shall be designed such that the nozzle is retained in the fill pipe during the filling operation.
4. The system shall include listed equipment with a feature that causes or requires the closing of the hose nozzle valve before the product flow can be resumed or before the hose nozzle valve can be replaced in its normal position in the dispenser.

**7.92.2210.1 Section 2210.1 is amended – General.**

Section 2210.1 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2210.1 General.** The construction of marine motor fuel-dispensing facilities shall be in accordance with the International Building Code and NFPA 30A. The storage of Class I, II or III liquid fuels at marine motor fuel-dispensing facilities shall be in accordance with this chapter and Chapter 34.

**7.92.2210.2 Section 2210.2 is amended – Storage and handling.**

Section 2210.2 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2210.2 Storage and handling.** The storage and handling of Class I, II or III liquid fuels at marine motor fuel-dispensing facilities shall be in accordance with Sections 2210.2.1 through 2210.2.3.

**7.92.2210.2.1 Section 2210.2.1 is amended – Class I, II or III liquid fuel storage.**

Section 2210.2.1 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2210.2.1 Class I, II or III liquid fuel storage.** Class I, II or III liquid fuels stored inside of buildings used for marine motor fuel-dispensing facilities shall be stored in approved containers or portable tanks. Storage of Class I liquids shall not exceed 10 gallons (38 L).

**Exception:** Storage in liquid storage rooms in accordance with Section 3404.3.7.

**7.92.2210.2.2 Section 2210.2.2 is amended – Class II or III liquid storage and dispensing.**

Section 2210.2.2 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2210.2.2 Class II or III liquid fuel storage and dispensing.** Class II or III liquid fuels stored or dispensed inside of buildings used for marine motor fuel-dispensing facilities shall be stored in and dispensed from approved containers or portable tanks. Storage of Class II and III liquids shall not exceed 120 gallons (454 L).

**7.92.2210.2.3 Section 2210.2.3 is amended – Heating equipment.**

Section 2210.2.3 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2210.2.3 Heating equipment.** Heating equipment installed in Class I, II or III liquid storage or dispensing areas shall comply with Section 2201.6.

**7.92.2210.3.2 Section 2210.3.2 is amended – Supervision.**

Section 2210.3.2 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2210.3.2 Supervision.** Marine motor fuel-dispensing facilities shall have an attendant or supervisor who is fully aware of the operation, mechanics and hazards inherent to fueling of boats on duty whenever the facility is open for business. The attendant's primary function shall be to supervise, observe and control the dispensing of Class I, II or III liquids or flammable gases.

**7.92.2210.3.3 Section 2210.3.3 is amended – Hoses and nozzles.**

Section 2210.3.3 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2210.3.3 Hoses and nozzles.** Dispensing of Class I, II or III liquid fuels into the fuel tanks of marine craft shall be by means of an approved-type hose equipped with a listed automatic-closing nozzle without a latch-open device.

Hoses used for dispensing or transferring Class I, II or III liquid fuels, when not in use, shall be reeled, racked or otherwise protected from mechanical damage.

**7.92.2210.3.4 Section 2210.3.4 is amended – Portable containers.**

Section 2210.3.4 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2210.3.4 Portable containers.** Class I, II or III liquid fuels shall not be dispensed into a portable container unless such container is approved.

**7.92.2210.5.2 Section 2210.5.2 is amended – Spills.**

Section 2210.5.2 of Chapter 22 of the Fire Code of Santa Cruz County is amended to read as follows:

**2210.5.2 Spills.** Spills of Class I, II or III liquid fuels at or on the water shall be reported immediately to the fire department and jurisdictional authorities.

**7.92.3003.5.3 Section 3003.5.3 is amended – Securing compressed gas containers, cylinders and tanks.**

Section 3003.5.3 of Chapter 30 of the Fire Code of Santa Cruz County is amended to read as follows:

**3003.5.3 Securing compressed gas containers, cylinders and tanks.** Compressed gas containers, cylinders and tanks shall be secured to prevent falling caused by contact, vibration or seismic activity. Securing of compressed gas containers, cylinders and tanks shall be by one of the following methods:

1. Securing containers, cylinders and tanks to a fixed object with two or more non-combustible restraints.
2. Securing containers, cylinders and tanks on a cart or other mobile device designed for the movement of compressed gas containers, cylinders or tanks.
3. Nesting of compressed gas containers, cylinders and tanks at container filling or servicing facilities or in seller's warehouses not accessible to the public. Nesting shall be allowed provided the nested containers, cylinders or tanks, if dislodged, do not obstruct the required means of egress.
4. Securing of compressed gas containers, cylinders and tanks to or within a rack, framework, cabinet or similar assembly designed for such use.

**Exception:** Compressed gas containers, cylinders and tanks in the process of examination, filling, transport or servicing.

**7.92.3300 IFC Chapter 33 is deleted and replaced – Explosives and Fireworks**

IFC Chapter 33 is deleted in entirety. The following shall become Chapter 33 of the Fire Code of Santa Cruz County.

**3301.1 Scope.** For explosives requirements see California Code of Regulations, Title 19, Division 1, Chapter 10. For fireworks requirements see California Code of Regulations, Title 19, Division 1, Chapter 6.

**Exceptions:**

1. The Armed Forces of the United States, Coast Guard or National Guard.
2. Explosives in forms prescribed by the official United States Pharmacopoeia.
3. The possession, storage and use of small arms ammunition when packaged in accordance with DOTn packaging requirements.
4. The use of explosive materials by federal, state and local regulatory, law enforcement and fire agencies acting in their official capacities.
5. Items preempted by federal regulations.

**3301.1.2 – Fireworks.** The possession, manufacture, storage, sale, handling and use of fireworks are prohibited.

**Exceptions:**

1. The use of fireworks for display as allowed in Section 3302.

**3302 – Display Fireworks**

**3302.1 Permit Restrictions.** The fire code official is authorized to limit the quantity of fireworks permitted at a given location. No person, possessing a permit for storage of fireworks at any place, shall keep or store an amount greater than authorized in such permit.

**3302.2 – Financial Responsibility.** The permit holder shall furnish a bond or certificate of insurance in an amount deemed adequate by the fire code official for the payment of all potential damages to a person or persons or to property by reason of the permitted display, and arising from any acts of the permit holder, the agent, employees or subcontractors. The permit holder shall comply with all provisions of Title 19 California Code of Regulations, Chapter 6.

**3302.3 – Special Effects and other Proximate Displays.** The display of fireworks, including proximate audience displays and pyrotechnic special effects in motion picture, television, theatrical, and group entertainment productions, shall comply with all provisions of Title 19 California Code of Regulations, Chapter 6.

**7.92.3804.2 Section 3804.2 is amended – Maximum Capacity.**

Section 3804.2 of Chapter 38 of the Fire Code of Santa Cruz County is amended to read as follows:

**3804.2 - Maximum Capacity** For the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed a water capacity of 2,000 gallons (7570 L).

**Chapter 50 – [Reserved for future]**

**Chapter 51 – [Reserved for future]**

**7.92.5200 Chapter 52 is added – Suppression and Control of Hazardous Fire Areas.**

Chapter 52 of the Fire Code of Santa Cruz County is added to read as follows:

**5201— SCOPE.** The unrestricted use of grass-, grain-, brush- or forest-covered land in hazardous fire areas is a potential menace to life and property from fire and resulting erosion. Safeguards to prevent the occurrence of fires and to provide adequate fire-protection facilities to control the spread of fire which might be caused by recreational, residential, commercial, industrial or other activities shall be in accordance with Chapter 52.

**5202— DEFINITIONS.** For the purpose of this chapter, certain terms are defined as follows:  
**TRACER** is any bullet or projectile incorporating a feature which marks or traces the flight of said bullet or projectile by flame, smoke or other means which results in fire or heat.  
**TRACER CHARGE** is any bullet or projectile incorporating a feature designed to create a visible or audible effect by means which result in fire or heat and shall include any incendiary bullets and projectiles.

**5203— PERMITS.** The fire code official is authorized to stipulate conditions for permits. Permits shall not be issued when public safety would be at risk, as determined by the fire code official.

**5204 — RESTRICTED ENTRY.** The fire code official shall determine and publicly announce when hazardous fire areas shall be closed to entry and when such areas shall again be opened to entry. Entry on and occupation of hazardous fire areas, except public roadways, inhabited areas or established trails and camp sites which have not been closed during such time when the hazardous fire area is closed to entry, is prohibited.

**EXCEPTIONS:**

1. Residents and owners of private property within hazardous fire areas and their invitees and guests going to or being upon their lands.
2. Entry, in the course of duty, by peace or police officers, and other duly authorized public officers, members of a fire department and members of the United States Forest Service.

**5205 — TRESPASSING ON POSTED PROPERTY.**

**5205.1 General.** When the fire code official determines that a specific area within a hazardous fire area presents an exceptional and continuing fire danger because of the density of natural growth, difficulty of terrain, proximity to structures or accessibility to the public, such areas shall be closed until changed conditions warrant termination of closure. Such areas shall be posted as hereinafter provided.

**5205.2 Signs.** Approved signs prohibiting entry by unauthorized persons and referring to Appendix II-A shall be placed on every closed area.

**5205.3 Trespassing.** Entering and remaining within areas closed and posted is prohibited.

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

**5206— SMOKING.** Lighting, igniting or otherwise setting fire to or smoking tobacco, cigarettes, pipes or cigars in hazardous fire areas is prohibited.

**EXCEPTION:** Places of habitation or within the boundaries of established smoking areas or campsites as designated by the fire code official.

**5207— SPARK ARRESTERS.** Chimneys used in conjunction with fireplaces, barbecues, incinerators or heating appliances in which solid or liquid fuel is used, upon buildings, structures or premises located within 200 feet (60 960 mm) of hazardous fire areas, shall be provided with a spark arrester constructed with heavy wire mesh or other noncombustible material with openings not to exceed  $\frac{1}{2}$  inch (12.7 mm).

**5208 — TRACER BULLETS, TRACER CHARGES, ROCKETS AND MODEL AIRCRAFT.** Tracer bullets and tracer charges shall not be possessed, fired or caused to be fired into or across hazardous fire areas.

Rockets, model planes, gliders and balloons powered with an engine, propellant or other feature liable to start or cause fire shall not be fired or projected into or across hazardous fire areas.

**5209 — APIARIES.** Lighted and smoldering material shall not be used in connection with smoking bees in or upon hazardous fire areas except by permit from the fire code official.

**5210 — OPEN-FLAME DEVICES.** Welding torches, tar pots, decorative torches and other devices, machines or processes liable to start or cause fire shall not be operated or used in or upon hazardous fire areas, except by permit from the fire code official.

**EXCEPTION:** Use within habited premises or designated campsites which are a minimum of 30 feet (9144 mm) from grass-, grain-, brush- or forest-covered areas.

Flame-employing devices, such as lanterns or kerosene road flares, shall not be operated or used as a signal or marker in or upon hazardous fire areas.

**EXCEPTION:** The proper use of fuses at the scenes of emergencies or as required by standard railroad operating procedures.

**5211 — OUTDOOR FIRES.** Outdoor fires shall not be built, ignited or maintained in or upon hazardous fire areas, except by permit from the fire code official.

**EXCEPTION:** Outdoor fires within habited premises or designated campsites where such fires are built in a permanent barbecue, portable barbecue, outdoor fireplace,

incinerator or grill and are a minimum of 30 feet (9144 mm) from a grass-, grain-, brush- or forest-covered area.

Permits shall incorporate such terms and conditions which will reasonably safeguard public safety and property. Outdoor fires shall not be built, ignited or maintained in or upon hazardous fire areas under the following conditions:

1. When high winds are blowing,
2. When a person age 17 or over is not present at all times to watch and tend such fire, or
3. When public announcement is made that open burning is prohibited.

Permanent barbecues, portable barbecues, outdoor fireplaces or grills shall not be used for the disposal of rubbish, trash or combustible waste material.

**5212 — INCINERATORS AND FIREPLACES.** Incinerators, outdoor fireplaces, permanent barbecues and grills shall not be built, installed or maintained in hazardous fire areas without prior approval of the fire code official.

Incinerators, outdoor fireplaces, permanent barbecues and grills shall be maintained in good repair and in a safe condition at all times. Openings in such appliances shall be provided with an approved spark arrester, screen or door.

**EXCEPTION:** When approved, unprotected openings in barbecues and grills necessary for proper functioning.

**5213 — CLEARANCE OF BRUSH AND VEGETATIVE GROWTH FROM ELECTRICAL TRANSMISSION LINE**

**5213.1 General.** Clearance of brush and vegetative growth from electrical transmission and distribution lines shall be in accordance with Section 5213.

**EXCEPTION:** Section 5213 does not authorize persons not having legal right of entry to enter on or damage the property of others without consent of the owner.

**5213.2 Support Clearance.** Persons owning, controlling, operating or maintaining electrical transmission or distribution lines shall have an approved program in place that identifies poles or towers with equipment and hardware types that have a history of becoming an ignition source, and provides a combustible free space consisting of a clearing of not less than 10 feet (3048 mm) in each direction from the outer circumference of such pole or tower during such periods of time as designated by the fire chief.

**EXCEPTION:** Lines used exclusively as telephone, telegraph, messenger call, alarm transmission or other lines classed as communication circuits by a public utility.

**5213.3 Electrical Distribution and Transmission Line Clearances.**

**5213.3.1 General.** Clearances between vegetation and electrical lines shall be in accordance with Section 5213.3.

**5213.3.2 Trimming clearance.** At the time of trimming, clearances not less than those established by Table 5213-A should be provided. The radial clearances shown below are minimum clearances that should be established, at time of trimming, between the vegetation and the energized conductors and associated live parts.

**EXCEPTION:** The fire code official is authorized to establish minimum clearances different than those specified in Table 5213-A when evidence substantiating such other clearances is submitted to the fire code official and approved.

**5213.3.3 Minimum clearance to be maintained.** Clearances not less than those established by Table 5213-B shall be maintained during such periods of time as designated by the fire code official. The site specific clearance achieved, at time of pruning, shall vary based on species growth rates, the utility company specific trim cycle, the potential line sway due to wind, line sway due to electrical loading and ambient temperature, and the tree's location in proximity to the high voltage lines.

**EXCEPTION:** The fire code official is authorized to establish minimum clearances different than those specified by Table 5213-B when evidence substantiating such other clearances is submitted to the fire code official and approved.

**TABLE 5213-A—MINIMUM CLEARANCES BETWEEN VEGETATION AND ELECTRICAL LINES AT TIME OF TRIMMING**

LINE VOLTAGE	MINIMUM CLEARANCE CONDUCTOR (feet)	RADIAL FROM
	× 304.8 mm	
2,400- 72,000	4	
72,001- 110,000	6	
110,001- 300,000	10	
300,001 or more	15	

**TABLE 5213-B—MINIMUM CLEARANCES BETWEEN VEGETATION AND ELECTRICAL LINES TO BE MAINTAINED**

<b>LINE VOLTAGE</b>	<b>MINIMUM CLEARANCE (inches)</b>
	<b>× 25.4 MM</b>
750-35,000	6
35,001-60,000	12
60,001-115,000	19
115,001-230,000	30 <sup>1/2</sup>
230,001-500,000	115

**5213.3.4 Electrical power line emergencies.** During emergencies, the utility company shall perform the required work to the extent necessary to clear the hazard. An emergency can include situations such as trees falling into power lines, or trees in violation of Table 5213-B.

**5213.4 Correction of Condition.** The fire code official is authorized to give notice to the owner of the property on which conditions regulated by Section 5213 exist to correct such conditions. If the owner fails to correct such conditions, the legislative body of the jurisdiction is authorized to cause the same to be done and make the expense of such correction a lien on the property where such condition exists.

#### **5214 — CLEARANCE OF BRUSH OR VEGETATIVE GROWTH FROM STRUCTURES**

**5214.1 General.** Persons owning, leasing, controlling, operating or maintaining buildings or structures in, upon or adjoining hazardous fire areas, and persons owning, leasing or controlling land adjacent to such buildings or structures, shall:

**5214.1.1 Clearance.** Maintain an effective firebreak through clearance of brush and vegetation in accordance with Section 304.1.2.

**5214.1.2 Trees and Deadwoods.** Maintain trees adjacent to or overhanging a building free of deadwood.

**5214.2 Corrective Actions.** The executive body is authorized to instruct the fire chief to give notice to the owner of the property upon which conditions regulated by Section 5214.1 exist to correct such conditions. If the owner fails to correct such conditions, the executive body is authorized to cause the same to be done and make the expense of such correction a lien upon the property where such condition exists.

#### **5215 — CLEARANCE OF BRUSH OR VEGETATIVE GROWTH FROM ROADWAYS.**

The fire code official is authorized to cause areas within 10 feet (3048 mm) on each side of portions of highways and private streets which are improved, designed or ordinarily used for vehicular traffic to be cleared of flammable vegetation and other combustible growth. The fire code official is authorized to enter upon private property to do so.

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

**5216 — UNUSUAL CIRCUMSTANCES.** If the fire code official determines that difficult terrain, danger of erosion or other unusual circumstances make strict compliance with the clearance of vegetation provisions of Sections 5213, 5214 or 5215 of Chapter 51 undesirable or impractical, enforcement thereof may be suspended and reasonable alternative measures shall be provided.

**5217 — DUMPING.** Garbage, cans, bottles, papers, ashes, refuse, trash, rubbish or combustible waste material shall not be placed, deposited or dumped in or upon hazardous fire areas or in, upon or along trails, roadways or highways in hazardous fire areas.

**EXCEPTION:** Approved public and private dumping areas.

**5218 — DISPOSAL OF ASHES.** Ashes and coals shall not be placed, deposited or dumped in or upon hazardous fire areas.

**EXCEPTIONS:**

1. In the hearth of an established fire pit, camp stove or fireplace.
2. In a noncombustible container with a tight-fitting lid, which is kept or maintained in a safe location not less than 10 feet (3048 mm) from combustible vegetation or structures.
3. Where such ashes or coals are buried and covered with 1 foot (304.8 mm) of mineral earth not less than 25 feet (7620 mm) from combustible vegetation or structures.

**5219 — USE OF FIRE ROADS AND FIREBREAKS.** Motorcycles, motor scooters and motor vehicles shall not be driven or parked upon, and trespassing is prohibited upon, fire roads or firebreaks beyond the point where travel is restricted by a cable, gate or sign, without the permission of the property owners. Vehicles shall not be parked in a manner which obstructs the entrance to a fire road or firebreak.

**EXCEPTION:** Public officers acting within their scope of duty.

Radio and television aerials, guy wires thereto, and other obstructions shall not be installed or maintained on fire roads or firebreaks unless located 16 feet (4877 mm) or more above such fire road or firebreak.

**5220 — USE OF MOTORCYCLES, MOTOR SCOOTERS AND MOTOR VEHICLES.** Motorcycles, motor scooters and motor vehicles shall not be operated within hazardous fire areas, without a permit by the fire code official, except upon clearly established public or private roads. Permission from the property owner shall be presented when requesting a permit.

**5221 — TAMPERING WITH FIRE DEPARTMENT LOCKS, BARRICADES AND SIGNS.** Locks, barricades, seals, cables, signs and markers installed within hazardous fire areas,

by or under the control of the fire code official, shall not be tampered with, mutilated, destroyed or removed.

Gates, doors, barriers and locks installed by or under the control of the fire code official shall not be unlocked.

**5222 — LIABILITY FOR DAMAGE.** The expenses of fighting fires which result from a violation of this chapter shall be a charge against the person whose violation caused the fire. Damages caused by such fires shall constitute a debt of such person and are collectable by the fire code official in the same manner as in the case of an obligation under a contract, expressed or implied.

## Chapter 53 – [Reserved for future]

### SECTION III

The geographic limits referred to in certain sections of the Fire Code of Santa Cruz County are hereby established as follows:

**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 3404.2.9.5.1 and 3406.2.4.4 of the Fire Code of Santa Cruz County in which the storage of Class I flammable liquids or Class II combustible liquids in aboveground tanks outside of buildings is restricted are hereby established as the political boundary of the Santa Cruz County Fire Department.

**Exceptions:** Such use is allowed in the following zoning districts:

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

**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 3506.2 of the Fire Code of Santa Cruz County in which storage of flammable cryogenic fluids in stationary containers is prohibited are hereby established as the political boundary of the Santa Cruz County Fire Department.

- 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.

