

ORDINANCE NO. 99-004

HALF MOON BAY FIRE PROTECTION DISTRICT
COUNTY OF SAN MATEO, STATE OF CALIFORNIA

AN ORDINANCE ADOPTING THE CALIFORNIA FIRE CODE
1998 EDITION AND PRESCRIBING REGULATIONS GOVERNING CONDITIONS
HAZARDOUS TO LIFE, PROPERTY AND THE ENVIRONMENT FROM FIRE,
PANIC, EXPLOSION, HAZARDOUS MATERIALS AND HAZARDOUS USES
AND ESTABLISHING A BUREAU OF FIRE PREVENTION AND PROVIDING
OFFICERS THEREFOR

The Board of Directors of the Half Moon Bay Fire Protection District does ordain as follows:

Section I. Adoption of California Fire Code. Ordinance number 97-001 related to providing a Fire Prevention Code for the Half Moon Bay Fire Protection District is hereby repealed. Furthermore there is hereby adopted by the Board of Directors of the Half Moon Bay Fire Protection District, for the purpose of prescribing regulations governing conditions hazardous to life, property and the environment from fire, or explosion, hazardous materials, and hazardous uses, that certain code known as the California Fire Code Volumes 1 and 2, which has been adopted in part by the California Building Standards Commission. The California Fire Code utilizes the 1997 Uniform Fire Code, published by International Fire Code Institute, as the base document. State Fire Marshal amendments that are considered Building Standards are included to form the California Fire Code. The California Fire Code is published and printed by the International Conference of Building Officials, being particularly the 1998 edition thereof, and whole thereof, save and except such portions as are hereinafter deleted, modified or amended by Section IX of this ordinance, of which three (3) copies have been and now are filed in the Office of the Clerk of the Half Moon Bay Fire Protection District, and the same are hereby adopted and incorporated as fully as if set out at length herein, and from the date on which this ordinance shall take effect the provisions thereof shall be controlling within the limits of the Half Moon Bay Fire Protection District.

Section II. Establishment of the Bureau of Fire Prevention. The Bureau of Fire Prevention is hereby established and shall operate under the supervision of the Chief of the Half Moon Bay Fire Protection District or the person or persons authorized by the Chief of the Half Moon Bay Fire Protection District.

Section III. Definitions.

1. Wherever the words "authority having jurisdiction or jurisdiction" are used, it shall be held to mean the Half Moon Bay Fire Protection District.
2. Wherever the words "fire department" are used, it shall be held to mean the Half Moon Bay Fire Protection District.
3. Wherever the words "Chief or Chief of the Bureau of Fire Prevention" are used, they shall be held to mean the Chief of the Half Moon Bay Fire Protection District or the person or persons authorized by the Chief of the Half Moon Bay Fire Protection District.
4. Wherever the word "Administrator" is used, it shall be held to mean the Board of Directors of the Half Moon Bay Fire Protection District.

Section IV. Establishment of Limits within the Half Moon Fire Protection District in Which Storage and Use of Explosives and Blasting Agents Is to Be Prohibited. The storage and use of explosives and blasting agents are prohibited within the boundaries of the Half Moon Bay Fire Protection District.

Exception: The Chief of the Half Moon Bay Fire Protection District or the person or persons authorized by the Chief of the Half Moon Bay Fire Protection District, may issue a permit to store or use explosives and blasting agents after due consideration has been given to the potential hazards to life, and property and compliance to the requirements established by the California State Fire Marshal for the Storage and Use of Explosives. The Chief may require a technical report as described in Section 103.1.1 prior to issuance of said permit.

Section V. Establishment of Limits within the Half Moon Bay Fire Protection District in Which Storage of Flammable/Combustible Liquids in Outside Above-Ground Tanks Is to Be Prohibited.

The Chief shall have the authority to permit or deny each site specific design and/or installation of above ground flammable/combustible liquids tanks within the established boundaries of the Half Moon Bay Fire Protection District. The Chief may require a technical report as described in Section 103.1.1 prior to issuance of said permit.

Section VI. Establishment of Limits within the Half Moon Bay Fire Protection District in which Storage of Liquefied Petroleum Gases Is to Be Prohibited.

The Chief shall have the authority to permit or deny each site specific design and/or installation for the of storage of Liquefied Petroleum Gases within the established boundaries of the Half Moon Bay Fire Protection District. The Chief may require a technical report as described in Section 103.1.1 prior to issuance of said permit.

Section VII. Establishment of Limits within the Half Moon Bay Fire Protection District in Which the Storage of Compressed Natural Gas Is to Be Prohibited.

The Chief shall have the authority to permit or deny each site specific design and/or installation for the of storage of Compressed Natural Gas within the established boundaries of the Half Moon Bay Fire Protection District. The Chief may require a technical report as described in Section 103.1.1 prior to issuance of said permit.

Section VIII. Establishment of minimum roofing classification for all new buildings constructed or re-roofed within the Half Moon Bay Fire Protection District.

All roof installations regulated by California Building Code Chapter 15 and Appendix Chapter 15 shall comply with CBC Standard 15-2 and be listed as a minimum of Class B roofing assembly.

The Chief shall have the authority to inspect all such roofing systems during construction and/or require certification from the installer that the roof system does meet these requirements.

Section IX. Amendments and Deletions to the California Fire Code as Published by and Printed by the International Conference of Building Officials. The California Fire Code is amended and changed as follows:

Section 103.1.4 is amended and changed to read as follows:

103.1.4 Appeals. To determine the suitability of alternate materials and types of construction and to provide for reasonable interpretations of the provisions of this code, the Chief shall be requested in writing by the appellant to provide review and consideration to allow an alternate material, change of construction or formal interpretation to a specific provision of this code.

The appellant is required to provide in writing the full details of the request and the reasons and justifications for the request. Upon receipt of such written request and after giving consideration to the request the Chief shall render a decision in writing to the appellant. The decision rendered by the Chief may be appealed to the Board of Directors of the Half Moon Bay Fire Protection District. The appellant shall request in writing to the Chief that a further appeal to the Board of Directors of the Half Moon Bay Fire Protection District is requested. The Chief shall then forward the appellant's request to the Board of Directors of the Half Moon Bay Fire Protection District. Upon review and consideration, the Board of Directors of the Half Moon Bay Fire Protection District shall render their decision in writing to the Chief and send a duplicate copy to the appellant. The decision rendered by the Board of Directors of the Half Moon Bay Fire Protection District is final.

Section 103.2.1.2 is amended and changed to read as follows:

103.2.1.2 Fire department personnel and police. The Chief and members of the fire prevention bureau and other designated representatives as designated by the Chief shall have the powers of a police officer in performing their duties under this code and shall have the power to issue notices of violation of this code and any other ordinances of the Half Moon Fire Protection District.

Section 103.3.1.1 is amended and changed to read as follows:

103.3.1.1 Authority to inspect. The Chief or other designated representatives shall inspect, as often as necessary, buildings and premises, including such other hazards or appliances designated by the Chief for the purpose of ascertaining and causing to be corrected any conditions which would reasonably tend to cause fire or contribute to its spread, or any violation of the purpose or provisions of this code and of any other law or standard affecting fire safety.

Section 103.3.2.1 is amended and changed to read as follows:

103.3.2.1 General. Construction or work for which a permit or fire department approval is required shall be subject to inspection by the Chief during construction or installation and such construction or work shall remain accessible and exposed for inspection purposes until approved by the Chief. Prior to operation, use or occupancy a final inspection shall be requested. No appliance, device, equipment or system shall be operated or used until the installation has been approved by the Chief.

Section 105.2.3 is amended and changed to read as follows:

105.2.3 Compliance. Permit applicants and the applicants' agents and employees shall carry out the proposed activity in compliance with this code and other laws or regulations applicable thereto, whether specified or not, and in complete accordance with approved plans and specifications and permits. Permits which purport to sanction a violation of this code or any applicable law or regulation shall be void and approvals of plans and specifications or specified permit activity, in the issuance of such permits shall likewise be void. No person shall continue to conduct or maintain any business, occupancy or activity when such permit becomes void.

Section 105.4.1 is added to read as follows:

105.4.1 Inspection Prior to Enclosing. No portion of any appliance, device, equipment or system intended to be covered by earth or by construction, shall be enclosed, if required to be inspected by permit, until an inspection has been made and approval for enclosing has been given.

Section 105.4.2 is added to read as follows:

105.4.2 Enclosing Prior to Inspection. Any appliance, device, equipment or system enclosed prior to inspection will require such items to be exposed for inspection. The costs of exposing such items will not result in any expressed or implied expense to the Half Moon Fire Protection District.

Section 105.4.3 is added to read as follows:

105.4.3 Stop Orders. When any work is being done or a condition is being established contrary to the provisions of this code, the Chief may order any persons engaged in doing or causing the work to be done to stop work on that portion which is in violation. Such work shall stop until continuation of work is authorized by the Chief.

Section 105.4.4 is added to read as follows:

105.4.4 Final Inspection. When a final inspection is required, no appliance, device, equipment or system shall be operated or placed in use until the installation has been approved and final acceptance has been granted.

Section 105.4.5 is added to read as follows:

105.4.5 Requests for Inspection. Requests for inspection shall be made at least 48 hours prior to the requested time of the inspection.

Section 105.8 is amended and changed to read as follows:

105.8 Permit Required. It shall be unlawful for any person to conduct or maintain any business, special event, occupancy or activity that requires a permit until such permit has been obtained. A permit shall be obtained from the bureau of fire prevention prior to engaging in the following activities, operations, practices or functions:

Subsection s.2 is added to read as follows:

s.2. **Special Event.** To conduct a special event either inside or outside of a structure. Special events include but are not limited to the following types of activity: crafts faire, festivals, historical celebrations, etc.

Section 105.9 is added to read as follows:

105.9. Sale or Delivery Without Permit. It is unlawful for any person to sell, deliver or cause to be delivered any commodity to any person not in possession of a valid permit when a permit is required by the provisions of this code.

Section 202 -A - ADMINISTRATOR is amended and changed to read as follows:

ADMINISTRATOR is the Board of Directors of the Half Moon Bay Fire Protection District.

Section 202 -A add the following terms to read as follows:

AIR REACTIVE is any liquid, solid or gas which, when combined with air, a reaction occurs that forms a hazardous condition. (See also, "pyrophoric")

All Weather Surface shall be a minimum of 6 inches 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%.

Authorized Representatives shall be those persons determined by the Chief of the Half Moon Bay Fire Protection District to act as the Chiefs' agent.

Section 203-B add the following terms to read as follows:

Building Code is the California Building Code, 1998 edition

Section 204-C term **Chief** is amended and changed to read as follows:

CHIEF is the Chief officer of the Half Moon Bay Fire Protection District.

Section 206-E amended and change the following terms to read as follows:

ELECTRICAL CODE is California Electrical Code, 1998 edition.

EXECUTIVE BODY is the Board of Directors for the Half Moon Bay Fire Protection District.

EXPLOSIVE is any material which is designated an explosive by the regulations of the California State Fire Marshal.

EXPLOSIVE MATERIALS is any material which is designated an explosive material by the regulations of the California State Fire Marshal.

Section 207-F amend and change the following terms to read as follows:

FIRE DEPARTMENT is the Half Moon Bay Fire Protection District.

FIREWORKS are a material as defined and classified by the regulations of the California State Fire Marshal.

Section 207-F delete the following terms **Fireworks, Class C, Common and Fireworks, Special**

Section 209 -H add the following term to read as follows:

HIGH EXPLOSIVE is a material as defined and classified by the regulations of the California State Fire Marshal

Section 211 -J amend and change the following terms to read as follows:

JURISDICTION is the Half Moon Bay Fire Protection District.

JURISDICTIONAL AREA is the boundaries established for the Half Moon Bay Fire Protection District.

Section 213-L add the following terms to read as follows:

LIQUEFIED GAS is a material which exists at 60 degrees Fahrenheit and 1 atmosphere pressure as a gas and as a liquid when stored in a pressure vessel.

LIQUID TIGHT is the ability of a material to retain a liquid being contained and prevent the passage of such liquid.

Section 213-L amend and change the following term to read as follows:

LOW EXPLOSIVE any material that is so classified by the regulations of the California State Fire Marshal.

Section 214 -M amend and change the following terms to read as follows:

MASS - DETONATING EXPLOSIVES are any materials that are so classified by the regulations of the California State Fire Marshal

MECHANICAL CODE is the California Mechanical Code, 1998 edition.

Section 217 -P amend and change the following term to read as follows:

PLUMBING CODE is the California Plumbing Code, 1998 edition.

Section 220-S amend and change the following term to read as follows:

STREET is any thoroughfare or public way not less than 20 feet in width which has been dedicated or deeded to the public for public use and required as a means of fire access.

Section 224-W add the following term to read as follows:

WASTE OIL is a Class III-B waste liquid resulting from the use of a Class III-B combustible liquids such as motor oil, hydraulic oil, lubricating oil, brake fluids and transmission fluids.

Section 901.4.2 is amended and changed to read as follows:

901.4.2 Prohibited Parking. If in the judgment of the Half Moon Bay Fire Protection District it is necessary to prohibit vehicular parking, or other materials or articles, along private fire access lanes in order to prevent obstruction of the required width of the fire access lane, signs shall be posted, as appropriate or as indicated in Section 901.4.2.1 and 901.4.2.2.

Section 901.4.2.1 is added to read as follows:

901.4.2.1 Prohibited Parking Signs. A sign of a size, type and design approved by the Half Moon Bay Fire Protection District shall be located on the right side of the fire access lane within the first twenty-five feet of the entry. The sign shall be permanently mounted with the bottom of the sign to be a minimum of six feet above the adjacent grade but not at a height greater than ten feet.

Section 901.4.2.2 is added to read as follows:

901.4.2.2 Fire Access Lane Markings. Curbs along fire access lanes shall be painted traffic red. Such curbs shall have the words "FIRE LANE" stenciled each fifty feet on both the face and top edge of the curbs. The stenciled letters shall be a minimum of three inches in height and have a minimum stroke of one-half inch. The lettering shall be white in color.

Fire access lanes not having curbs shall either be provided with a six inch wide painted red stripe along the edge or provide with signs as described in Section 901.4.2 along the fire access lane at a maximum spacing of fifty feet. Fire lanes utilizing the painted stripe shall have stenciled on the red stripe the words "FIRE LANE" each fifty feet. The stenciled letters shall be a minimum of three inches in height and have a minimum stroke of one-half inch. The lettering shall be white in color.

Section 901.4.2.3 is added to read as follows:

901.4.2.3 Maintenance and Installation of Fire Access Signs. It shall be unlawful for the owner, lessee or person in charge of private property to fail to install and maintain required fire access lane signs and/or markings after having been given notice by the Half Moon Bay Fire Protection District.

Section 901.4.2.4 is added to read as follows:

901.4.2.4 Unlawful Parking. It shall be unlawful for any person to park or leave standing an unattended motor vehicle within a fire access lane having signage and/or markings as described in Sections 901.4.2.1 and 901.4.2.2.

901.4.3.1 Painting of Fire Protection Equipment and Hydrants. When required by the Chief, fire-protection equipment and fire hydrants shall be painted a color specified by the Half Moon Bay Fire Protection District.

Section 901.4.4 is amended to read as follows:

901.4.4 Premises identification. Addresses shall be placed over or near the principal entrance and be easily seen from the street.

Section 901.4.4.1 is added to read as follows:

901.4.4.1 New and Existing Structures. All new and existing buildings shall have approved address numbers posted such as to be clearly visible from the public roadway that serves as access to the property. Where buildings are located remotely to the public roadway, additional signage at the driveway/roadway entrance leading to the building and/or on each individual building may be required by the Half Moon Bay Fire Protection District.

Section 901.4.4.2 is added to read as follows:

901.4.4.2 Multiple Tenant Structures. Multiple tenant buildings, using the same street address numbers, shall have suite or unit identification posted as required by the Half Moon Fire Protection District.

Section 901.4.4.3 is added to read as follows:

901.4.4.3 Residential Size and Stroke of Numbers. Building address numbers for residential buildings shall be a minimum of four inches in height and a minimum stroke of 3/8 inch.

Section 901.4.4.4 is added to read as follows:

901.4.4.4 Commercial/Industrial Size and Stroke of Numbers. Building address numbers for commercial/industrial buildings shall be a minimum of six inches in height and a minimum stroke of 1/2 inch.

Section 901.4.4.5 is added to read as follows:

901.4.4.5 Color of Numbers. Building address numbers shall be of contrasting color to the background.

Section 901.4.4.6 is added to read as follows:

901.4.4.6 Reflectorized/Illuminated Numbers. New buildings, other than residential buildings, shall have reflectorized building address numbers. New residential buildings shall have internally illuminated building address numbers.

Section 901.4.4.7 is added to read as follows:

901.4.4.7 Suite/Unit Identification. Building containing suites and/or unit identification shall have the suite or unit identification clearly posted with assigned letters or numbers having a minimum height of four inches and a minimum stroke of 3/8 inch. Assigned letters or numbers shall be of contrasting color to the background.

Section 901.4.4.8 is added to read as follows:

901.4.4.8 Directories. Complexes with multiple buildings may be required by the Half Moon Bay Fire Protection District to provide one or more of the following: a directory, a premise map, directional signage. Location, size and color of such elements will be determined by the Half Moon Bay Fire Protection District on a site specific bases.

Section 901.4.4.9 is added to read as follows:

901.4.4.9 Construction Site. When required by the Half Moon Bay Fire Protection District, approved street or road signs and address numbers of the site shall be installed prior to combustible construction materials being placed on the site.

Section 901.4.4.10 is added to read as follows:

901.4.4.10 Identification Prior to Occupancy. Prior to occupancy of any new structure, premises identification required by Section 901.4 shall be installed.

Section 902.2.1 is amended and changed to read as follows:

902.2.1 Required access. Fire apparatus access roads shall be provided in accordance with Section 901 and 902.2 for every facility, building or portion of a building hereafter constructed, modified, remodeled or moved into or within the jurisdiction when any portion of the exterior wall of the first story is located more than 150 feet from fire apparatus access as measured by an approved route around the exterior of the building or facility. See also Section 902.3 for personnel access to buildings.

EXCEPTIONS:

1. When buildings are completely protected by an approved automatic sprinkler system, then provisions of Section 902.2.1 and 902.2.2 may be modified by the Chief.
2. When access roads cannot be installed due to location on property, topography, waterways, nonnegotiable grades or other similar conditions, the Chief is authorized to require additional fire protection as specified in Section 1001.9.
3. The requirements of Sections 902.2.1 and 902.2.2 may be considered for further modification by the Chief, when the fire apparatus access is for not more than two buildings or facilities classified as Group R Division 3 or Group U Occupancies.

More than one fire apparatus road shall be provided when it is determined by the Chief that access by a single road might be impaired by vehicle congestion, condition of terrain, climate conditions or other factors that could limit access.

For high-piled combustible storage, see Section 8102.6.1

For required access during construction, alteration or demolition of a building, see Section 8704.2.

Section 902.2.2.1 is amended and changed to read as follows:

902.2.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6096 mm) and an unobstructed vertical clearance of not less than 14 feet 7 inches.

EXCEPTION: The Chief may give further consideration to the required fire apparatus access road width when the access is for not more than two buildings or facilities classified as Group R Division 3 or Group U Occupancies.

Section 902.2.2.2 is amended and changed to read as follows:

902.2.2.2 Surface. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with a surface so as to provide all-weather driving capabilities. Calculations for design shall bear the wet stamp and signature of a California Registered engineer licensed for such design work. The minimum traffic design index for fire access roads shall be 5.0.

Section 902.2.2.3 is amended and changed to read as follows:

902.2.2.3 Turning Radius. Inside and outside turning radius for fire access roads will be based upon the capability of the fire apparatus used by the Half Moon Bay Fire Protection District. Turning radius design approval must be obtained from the Half Moon Bay Fire Protection District.

Section 902.2.2.4 is amended and changed to read as follows:

902.2.2.4 Dead-ends. Dead-end fire apparatus access roads in excess of 150 feet (45720 mm) in length shall be provided with approved provisions of turning around the fire apparatus. In addition to the means of turn-around at the end of the driveway, additional areas of turn-around may be required by the Half Moon Bay Fire Protection District when the dead-end driveway exceeds 400 feet in total length. Method of fire apparatus turn around is based upon the turning capability of the fire apparatus used by Half Moon Bay Fire Protection District. Approval for turn around design must be obtained from the Half Moon Bay Fire Protection District.

Section 902.2.2.6 is amended and changed to read as follows:

902.2.2.6 Grade. Fire apparatus access roads with a grade of more than 6% must have prior approval of the Half Moon Bay Fire Protection District.

Section 902.2.4.3 is added to read as follows:

902.2.4.3 Security Barriers and Raised Traffic/Landscape Islands. Security barriers and raised traffic/landscape islands shall not be placed across or into the required width of fire access lanes or present an obstruction to the fire access lanes unless prior approval is given by the Half Moon Bay Fire Protection District.

Section 902.2.4.4 is added to read as follows:

902.2.4.4 Speed Bumps. The design of speed bumps within fire access lanes shall be approved by Half Moon Bay Fire Protection District prior to installation. Final inspection of installation is required.

Section 902.2.4.5 is added to read as follows:

902.2.4.5 Roadway Spikes. The installation of roadway traffic control spikes is prohibited within fire access lanes unless prior approval is given by the Half Moon Bay Fire Protection District.

Section 902.3.1 is amended and changed to read as follows:

902.3.1 Required Access. Exterior doors and openings required by this code or the Building Code shall be maintained readily accessible for emergency access by the fire department. Knox Box installation is required for access when any required door or window is provided with security bars or grills.

An approved access walkway leading from the fire apparatus access roads to exterior openings required by this code or the Building Code shall be provided when required by the Chief.

Section 902.5.1 is added to read as follows:

902.5.1 Security Barriers. Barbed wire fencing, razor wire fencing, chain link fencing and other similar security barriers shall not be installed at the roof level without prior approval of the Half Moon Bay Fire Protection District.

Section 902.5.2 is added to read as follows:

902.5.2 Equipment Roof Screens. A means of access into roof screening enclosure, for roof mounted mechanical equipment, shall be provided as required by the Half Moon Bay Fire Protection District. Such entry shall not require entry through the interior of the structure.

Section 903.3 is amended and changed to read as follows:

903.3 Type of Water Supply. Water supplies may consist of reservoirs, pressure tanks, elevated tanks, water mains or other fixed systems capable of providing the required fire flow. The Chief may use any of the individual provisions of Appendix III-A or any other recognized method for the determination of required fire flow for the specific site.

Section 903.3.1 is added to read as follows:

903.3.1 Suburban and Rural Water Supplies. In areas where public and/or private fire mains are not available for the provision of the required fire flow, the Chief may develop a standard which requires a water supply for fire fighting be provided. In developing this standard, the Chief may be guided by NFPA Standard 1231, 1993 edition - Standard on Water Supplies for Suburban and Rural Fire Fighting; NFPA Standard 299, 1997 edition - Protection of Life and Property from Wildfire: Appendix III-B - California Fire Code 1998 edition.

Section 903.3.1.2 is added to read as follows:

903.3.1.2 Storage of Suburban and Rural Water Supplies. In calculating the water supply available to meet the minimum fire flow required in Section 903.1, swimming pools, ponds and underground cisterns which would require a fire department drafting operation shall not be considered as a primary water source.

Section 903.4.2 is amended and changed to read as follows:

903.4.2 Required installations. The location, number and type of fire hydrants connected to a water supply capable of delivering the required fire flow shall be provided on the public street or on the site of the premises or both to be protected as required and approved by the Chief. The Chief may use any of the individual provisions of Appendix III-B or any other recognized method for the determination of the number of required fire hydrants for the specific site.

Section 1001.3.1 is added to read as follows:

1001.3.1 Design Compliance. All fire alarm systems shall be designed in accordance with the specific California State Fire Marshal Standards as shown as adopted within Chapter 35, California Building Code, 1998 edition.

Section 1001.5.1.2.1 is added to read as follows:

1001.5.1.2.1 Alarm System Maintenance. It shall be the responsibility of the property owner or owner's authorized agent to maintain and service all smoke detector and fire alarm systems.

Section 1001.7.1.1 is added to read as follows:

1001.7.1.1 Prohibition of Parking at Fire Hydrants and Fire-protection Equipment. A sign or signs of a size, type and design approved by the Half Moon Bay Fire Protection District shall be provided to indicate the restriction of parking a vehicle within 10' of a on-site fire hydrant when the hydrant is located at non-curbed areas.

Where on-site fire hydrants are located along curbed areas the curbing shall be painted red for a distance of 10' on each side of the fire hydrant. Additionally, the red curb shall be stenciled with the words "FIRE DEPT. ACCESS NO PARKING". The stenciled letters shall be a minimum of three inches in height and have a minimum stroke of one-half inch. The lettering shall be white in color.

A sign or signs of a size, type and design approved by the Half Moon Bay Fire Protection District shall be provided to indicate the restriction of parking a vehicle within 4' of locations where fire department access is required to fire-protection equipment. Fire-protection equipment is considered, but not limited to, devices such as fire sprinkler system control valves and Fire Dept. Connections.

The Chief may modify these requirements due to specific site conditions.

Section 1002.1 is amended and changed to read as follows:

1002.1 General. Portable fire extinguishers shall be installed in occupancies and locations as set forth in this code and as required by the Chief.

Portable fire extinguishers shall be listed by and in accordance with the requirements of the California State Fire Marshal.

Section 1003.1.1 is amended and changed to read as follows:

1003.1.1 General. Fire extinguishing systems shall be installed in accordance with the NFPA Standards listed in this ordinance and Section 1003.

Section 1003.1.1.2. is added to read as follows:

1003.1.1.2 Hose Threads. Fire hose threads used in connection with fire-extinguishing systems shall be national standard hose thread or as approved by the Chief.

Section 1003.1.1.3. is added to read as follows:

1003.1.1.3 Fire Department Connections. The location of fire department connections shall be approved by the Chief.

Section 1003.1.1.4. is added to read as follows:

1003.1.1.4 High-piled Storage. In buildings used for high-piled combustible storage, fire protection shall be in accordance with Article 81.

Section 1003.1.2 is amended and changed to read as follows:

1003.1.2 Standards. Fire-extinguishing systems shall comply with the NFPA Standards listed in this ordinance.

Section 1003.1.2.1. is added to read as follows:

1003.1.2.1 Non-required Automatic Fire Extinguishing Systems. Automatic fire extinguishing systems that are installed, but not specifically required by this ordinance, shall be approved by the Half Moon Bay Fire Protection District and be installed in accordance with NFPA Standards listed in this ordinance.

Section 1003.1.3 is amended and changed to read as follows:

1003.1.3 Modifications. When residential sprinkler systems as set forth in this Ordinance are provided, exceptions to, or reductions in, Building Code requirements based on the installation of an automatic fire extinguishing system are not allowed.

Section 1003.1.4. is added to read as follows:

1003.1.4 Identification. Fire department connections to sprinkler systems and/or standpipe systems shall be clearly identified as required by the Half Moon Bay Fire Protection District.

Section 1003.1.4. is added to read as follows:

1003.2.2.1 Occupancy Classification Change to Existing Buildings. An Automatic fire sprinkler system shall be installed throughout all existing buildings when a change of occupancy classification occurs and when the existing total floor area is 2,500 or more square feet or three or more stories in height above fire department access at grade.

EXCEPTIONS:

1. When in the opinion of the Chief, the change of occupancy classification did not result in a significant increase in the level of life safety or fire safety of the occupancy, the Chief may waive the requirement for automatic fire sprinkler system installation.
2. When an area separation wall is installed to separate the reclassified portion of the existing building from the remainder of the building, the automatic fire sprinkler system installation may be limited to that portion of the building having the change of occupancy classification. The area separation wall must have the fire resistance rating, as defined within the Building Code, for the specific type of construction of the existing building.

Section 1003.2.2.2. is added to read as follows:

1003.2.2.2 Additions to Existing Buildings. An Automatic fire sprinkler system shall be installed throughout all existing buildings when an addition to the building occurs and the new total floor area is 2,500 or more square feet or three or more stories in height above fire department access at grade.

Section 1003.2.2.3. is added to read as follows:

1003.2.2.3 Area Separation Walls. Portions of a building separated by area separation walls shall not be considered as providing separate buildings when determining the requirements for automatic fire sprinkler system installation.

Section 1003.2.3.1 is amended and changed to read as follows:

1003.2.3 Group A Occupancies. An automatic sprinkler system shall be installed throughout buildings classified as Group A Occupancy when the total floor area is 2,500 or more square feet or three or more stories in height above the fire department access at grade.

Section 1003.2.3.3 is deleted

Section 1003.2.4 is amended and changed to read as follows:

1003.2.4 Group E Occupancies

Section 1003.2.5.1 is amended and changed to read as follows:

1003.2.4.1 General. An automatic sprinkler system shall be installed throughout all buildings containing a Group E, Division I Occupancy and all other Group E Occupancies when the total floor area is 2,500 or more square feet or three or more stories in height above fire department access level.

Section 1003.2.4.2 is amended and changed to read as follows:

1003.2.4.2 Basements. An automatic sprinkler system shall be installed in all basements classified as Group E, Division 1 Occupancies.

Section 1003.2.5 is amended and changed to read as follows:

1003.2.5 Group F Occupancies

Section 1003.2.5.1 is amended and changed to read as follows:

1003.2.5.1 General. An automatic sprinkler system shall be installed throughout all buildings classified as Group F Occupancy when the total floor area is 2,500 or more square feet or three or more stories in height above fire department access level.

Section 1003.2.6 is amended and changed to read as follows:

1003.2.6 Group H Occupancies

Section 1003.2.7.1 is amended and changed to read as follows:

1003.2.6.1 General. An automatic sprinkler system shall be installed throughout all buildings classified as Group H Occupancy when the total floor area is 2,500 or more square feet or three or more stories in height above fire department access level.

Section 1003.2.6.2 is amended and changed to read as follows:

1003.2.6.2 Group H, Division 6 Occupancies. An automatic fire-extinguishing system shall be installed throughout buildings containing Group H, Division 6 Occupancies. The design of the sprinkler system shall not be less than that required under the Building Code for the occupancy hazard classifications as follows:

LOCATION	OCCUPANCY HAZARD CLASSIFICATION
Fabrication areas	Ordinary Hazard Group 2
Service corridors	Ordinary Hazard Group 2
Storage rooms without dispensing	Ordinary Hazard Group 2
Storage rooms with dispensing	Extra Hazard Group 2
Corridors	Ordinary Hazard Group 2 ⁽¹⁾

⁽¹⁾ When the design area of the sprinkler system consists of a corridor protected by one row of sprinklers, the maximum number of sprinklers that need to be calculated is 13.

Section 1003.2.7 is amended and changed to read as follows:

1003.2.7 Group I Occupancies

Section 1003.2.7.1 is amended and changed to read as follows:

1003.2.7.1 General. An automatic sprinkler system shall be installed throughout all buildings classified as Group I Occupancy.

Section 1003.2.8 is added to read as follows:

1003.2.8 Group M Occupancies

Section 1003.2.8.1 is added to read as follows:

1003.2.8.1 General. An automatic sprinkler system shall be installed throughout all buildings classified as Group M Occupancy when the total floor area is 2,500 or more square feet or three or more stories in height above fire department access level.

Section 1003.2.9 is added to read as follows:

1003.2.9 Group R, Division 1 Occupancies

Section 1003.2.9.1 is added to read as follows:

1003.2.9.1 General. An automatic sprinkler system shall be installed throughout all buildings classified as Group R, Division 1 Occupancy when the total floor area is 2,500 or more square feet or three or more stories in height above fire department access level.

Section 1003.2.10.2 is added to read as follows:

1003.2.10.2 Congregate residence. An automatic sprinkler system shall be installed within congregate residences having an occupant load of 20 or more or three or more stories in height above fire department access level.

Section 1003.2.10.3 is added to read as follows:

1003.2.10.3 Residential or quick-response standard sprinklers shall be used in the dwelling units and guest room portions of Group R, Division 1 buildings .

Section 1003.2.11 is added to read as follows:

1003.2.11 Group S Occupancies

Section 1003.2.11.1 is added to read as follows:

1003.2.11.1 General. An automatic sprinkler system shall be installed throughout all buildings classified as Group S Occupancy when the total floor area is 2,500 or more square feet or three or more stories in height above fire department access level.

Section 1003.2.12 is added to read as follows:

1003.2.12 Group U, Division 1 Occupancies

Section 1003.2.12.1 is added to read as follows:

1003.2.12.1 General. The Half Moon Bay Fire Protection District shall determine the requirement for automatic fire sprinklers within Group U, Division 1 occupancies based upon the location of the structure in relationship to fire access roads and exposures, size of structure, methods of construction and intended usage within the structure.

Section 1003.2.12.2 is added to read as follows:

1003.2.12.2 Group U Division 1 attached to Group R Division 3. Group U Division 1 structures that are attached to a Group R Division 3 residential structure, requiring automatic fire sprinkler system protection, shall be provided with automatic fire sprinkler protection.

Section 1003.2.12.2 is added to read as follows:

1003.2.12.2 Agricultural Buildings. Buildings used for agricultural purposes that exceed the size limitation and other provisions of California Building Code Section 312.2.1 shall, for the purposes of fire sprinkler protection, be considered as a Group U Division 3 Occupancy when they are constructed in conformance with the provisions of California Building Code Appendix Chapter 3 Division II.

Agricultural buildings that are classified as Group U Division 3 Occupancies shall be provided with automatic fire sprinkler coverage as determined by the Half Moon Bay Fire Protection District. The requirement for automatic fire sprinkler protection will be based upon location of the structure in relationship to the fire access roads, exposures, size of structure, methods of construction and intended use within the structure.

Section 1003.3.1 is amended and changed to read as follows:

1003.3.1 General. All valves controlling the water supply for automatic sprinkler systems and water-flow switches on all sprinkler systems shall be electrically monitored where the number of sprinklers is ten or more. Signals from such electrical monitoring shall be transmitted to a central station service that is approved by the Half Moon Fire Protection District.

EXCEPTION: Single family dwellings.

Section 1003.3.2 is amended and changed to read as follows:

1003.3.2 Central Station. Valve monitoring and water-flow alarm and trouble signals shall be distinctly different and shall be automatically transmitted to a central station approved by the Half Moon Bay Fire Protection District.

EXCEPTION: Underground key or hub valves in roadway boxes provided by the municipality or public utility need not be monitored.

Section 1003.3.3 is added to read as follows:

1003.3.3 On-site Alarms. An approved audible sprinkler flow alarm shall be provided on the exterior of the building in an approved location. An approved audible sprinkler flow alarm to alert the occupants shall be provided in the interior of the building in a normally occupied location approved by the Half Moon Bay Fire Protection District.

Section 1003.3.3.1 is added to read as follows:

1003.3.3.1 Audible Device for Group R Division 3 Occupancies. All Group R Division 3 Occupancies that are required to have automatic fire sprinkler systems installed shall have:

1. A distinctively sounding interior audible device indicating water flow. Such device shall be located within and audible throughout the living portion of the structure.
2. An exterior alarm bell indicating water flow.

Section 1003.4 is amended and changed to read as follows:

1003.4 Permissible Sprinkler Omissions. Automatic fire sprinkler omissions will not be permitted within any portion of a structure that is required by this ordinance to be provided with an automatic fire sprinkler system.

EXCEPTION: The Chief of the Half Moon Bay Fire Protection District may consider the omission of fire sprinklers when a written request for omission has been submitted by an applicant. This request shall provide specific details as to why the area should not be provided with automatic fire sprinklers. The Chief has the authority to require other forms of approved automatic fire extinguishing systems when the Chief has determined that the application of water from an automatic fire sprinkler system would be detrimental to the fire and life safety of the building occupants and/or the building.

Section 1004.1.1 is amended and changed to read as follows:

1004.1.1 General. Standpipe systems shall be installed in accordance with NFPA Standard 14 and Section 1004.

Section 1004.1.1.1 is added to read as follows:

1004.1.1.1 Hose Threads. Fire hose threads used in connection with fire-extinguishing systems shall be national standard hose thread or as approved by the Chief.

Section 1004.1.1.2 is added to read as follows:

1004.1.1.2 Fire Department Connections. The location of fire department connections shall be approved by the Chief.

Section 1004.1.1.3 is added to read as follows:

1004.1.1.3 High-piled Storage. In buildings used for high-piled combustible storage, fire protection shall be in accordance with Article 81.

Section 1004.1.1.4 is added to read as follows:

1004.1.1.4 Area Separation Walls. Portions of a building separated by area separation walls shall not be considered as providing separate buildings when determining the requirements for standpipe installation.

Section 1004.1.2 is amended and changed to read as follows:

1004.1.2 Standards. Standpipe systems shall comply with NFPA Standard 14, 1993.

Section 1005 is amended and changed to read as follows:

1005 BASEMENT PIPE INLETS

Section 1005.1 is amended and changed to read as follows:

1005.1 General. Basement pipe inlets shall be installed in the first floor of all buildings, regardless of occupancy classification, having a basement when required by the Chief.

Section 1006.2.7 is amended and changed to read as follows:

1006.2.7 Portable fire extinguishers. A sodium bicarbonate or potassium bicarbonate dry-chemical type portable fire extinguisher having a minimum rating of 40-B shall be installed within 30 feet (9144 mm) of commercial food heat-processing equipment, as measured along an unobstructed path of travel. The fire extinguisher must be listed and be in accordance with the requirements of the California State Fire Marshal.

Section 1007.1.3 is added to read as follows:

1007.1.3 Fire Department Response to False Alarms. Any building owner or owner's agent who fails to properly maintain and service any smoke detector or fire alarm system, water flow detection alarm or fire sprinkler tamper alarm, after being notified that service or maintenance is required, will be subject to the payment of costs related to any false alarm response by the fire department.

Section 1007.1.4 is added to read as follows:

1007.1.4 Contractor responsibility of notification. It shall be the responsibility of the contractor, servicing, repairing, or making modifications to a building system that is monitored by an alarm system, to notify the Half Moon Bay Fire Protection District prior to beginning such servicing, repairing or modifications. Failure by the contractor to provide such notification will subject the contractor to the payment of costs related to any alarm response by the fire department.

Section 1007.2.2.2 is amended and changed to read as follows:

1007.2.2.2 System initiation. Activation of the fire alarm shall immediately initiate an approved prerecorded message announcement using an approved voice communication system in accordance with the requirements of the California State Fire Marshal, that is audible above the ambient noise level of the occupancy.

EXCEPTION: When approved by the Chief, the prerecorded announcement is allowed to be manually deactivated for a period of time, not to exceed three minutes, for the sole purpose of allowing a live voice announcement from an approved, constantly attended station.

Section 1007.2.9.1.7 is added to read as follows:

1007.2.9.1.7 Smoke Detection for Group R Division 3 Occupancies. All new Group R Division 3 Occupancies shall be provided with an approved smoke detection system throughout the structure. Installation of the smoke detection system shall be reviewed and approved by the Half Moon Bay Fire Protection District prior to installation.

Section 1007.2.9.2.1.1 is added to read as follows:

1007.2.9.2.1.1 Smoke Detection for Existing Group R Division 3 Occupancies. All existing Group R Division 3 Occupancies shall be provided with an approved smoke detection system throughout the structure when any of the following occurs:

1. When alteration, repairs, structural changes or additions occur, within a twelve month period and the value of such work is in excess of \$1,000.00.
2. When property is occupied by other than the property owner and rental or lease income is derived.
3. When existing property is sold.

Installation of the smoke detection system shall be reviewed and approved and inspected by the Half Moon Bay Fire Protection District prior to installation.

Section 1103.4 is added to read as follows:

1103.4 Fire Hazard Abatement

Section 1103.4.1 is added to read as follows:

1103.4.1 Public Nuisance. When in the opinion of the Chief the presence of combustible material on a lot creates a hazard, such material shall constitute a public nuisance. "Combustible material" as used in this Section 1103.4 means and includes seasonal and recurrent weeds, stubble, brush, dry grass, dry leaves or tumbleweeds; or rubbish, litter or flammable material of any kind. "Lot" as used within Section 1103.4, means and includes any parcel of land, whether or not occupied by any building or structure.

Section 1103.4.2 is added to read as follows:

1103.4.2 Unlawful Disposal. Every person who places, deposits or dumps combustible material on a lot, or on land lying within one hundred feet (100') thereof, whether or not such person owns such lot or land, or whether or not such person so places, deposits or dumps on such lot or land with the consent of the owner thereof, is subject to the criminal sanctions set forth in Health and Safety Code Section 13871.

Section 1103.4.3 is added to read as follows:

1103.4.3 Clearance of Brush, Vegetative Growth and Combustible Material from Lots. All lots shall be cleared of brush, vegetative growth and combustible material upon written notification by the Half Moon Bay Fire Protection District.

Section 1103.4.4 is added to read as follows:

1103.4.4 Clearance of Brush, Vegetative Growth from Structure Area. Any person owning, leasing, controlling, operating or maintaining any building or structure in, upon or adjoining any hazardous fire area or any such area within the jurisdictional boundary of the Half Moon Bay Fire Protection District, shall upon written notification remove and clear such brush, vegetative growth from the area of the building or structure, as prescribed within the written notice.

Section 1103.4.5 is added to read as follows:

1103.4.5 Fire Breaks. The Half Moon Bay Fire Protection District may require the installation of "fire breaks" around or within parcels of property where combustible weeds, crops, brush or other combustible materials are present. The specific width and length of the "fire breaks" will be determined by the Half Moon Bay Fire Protection District. The following conditions will be included as part of the determining factors regarding the width and length of the "fire breaks":

1. Height and width of combustible material present
2. Prevailing weather conditions
3. Topography of site
4. Available fire apparatus access
5. Fire protection systems available on-site
6. Relationship of structures within the given parcel of the combustible material or adjacent parcels where structures would become an exposure to the presence of the combustible material

Section 1105.7 is added to read as follows:

1105.7 Fuel Cylinders for Asphalt Roofing Kettles. All fuel cylinders, used in conjunction with asphalt roofing kettles or related equipment, shall be adequately secured to prevent overturning.

Section 1107.3 is added to read as follows:

1107.3 Immersion Heaters. All electrical immersion heaters used in dip tanks, sinks, and similar operations shall be provided with approved over-temperature controls and low liquid level electrical disconnects. Manual reset of protection devices shall be provided. All devices shall be listed by a nationally recognized listing agency.

Section 1109.7 is amended and changed to read as follows:

1109.7 Sparks from Chimneys. Chimneys used with fireplaces or heating appliances in which solid or liquid fuel is used shall be maintained with a spark arrester as required for incinerators by the Mechanical Code. This provision shall apply to all new chimneys and the Chief may require a spark arrester to be installed on an existing chimney.

Section 1114 is added to read as follows:

1114- Illegal Dumping. No person shall place, deposit, or dump any ashes or combustible waste material in or upon any lands not approved for such use.

Section 1203 is amended and changed to read as follows:

1203 MEANS OF EGRESS OBSTRUCTIONS

Section 1203.1 is amended and changed to read as follows:

1203.1 General. Obstructions, including storage, shall not be placed in the required width of an exit, except projections as allowed by the Building Code. Exits shall not be obstructed in any manner and shall remain free of any material or matter that would, in the opinion of the Chief, obstruct or render the exit hazardous.

Section 1203.2 is added to read as follows:

1203.2 Seismic Restraint for Storage Shelving. All storage shelving shall be provided with adequate seismic restraint as required by Chapter 16 of the California Building Code. Storage shelving not required to have seismic restraint by the Building Code may be required to be secured to prevent obstruction of the means of egress as determined by the Half Moon Bay Fire Protection District.

Section 1207.8 is added to read as follows:

1207.8 Vehicular Obstructions. Whenever exit doors are located such that they could be obstructed by vehicular parking, such doors shall be provided with adequate barriers to prevent vehicular obstruction of the path of egress.

Section 1303.3.1 is amended and changed to read as follows:

1303.3.1 General. Emergency plans, employee duty assignments, employee training and fire drills as specified in Sections 1303.4, 1303.5 and 1303.6 shall be provided in Groups A, E, I, Group R, Division 1 and Group R Division 2 Occupancies. Additional requirements shall be as set forth in Sections 1303.3.2 and 1303.3.5.

EXCEPTIONS:

1. Group A Occupancies used exclusively for religious worship with an occupant load of less than 2,000.
2. Group A, Division 3 Occupancies.
3. Group R, Division 1 Occupancies apartments without full-time staff need only to comply with Section 1303.3.5.3

Section 1303.3.2.1 is added to read as follows:

1303.3.2.1 Group R, Division 2 Occupancies. Fire drills shall be conducted monthly. Drills are to be participated in by all staff and occupants who are physically and mentally capable of participation. On-site records of fire drills shall be made available for review upon request by the fire department.

Section 1303.3.3.2 is amended and changed to read as follows:

1303.3.3.2 Fire drills. Fire drills in Group E occupancies shall be conducted as follows:

1. Frequency. Fire drills shall be conducted at least once each month during school sessions.

EXCEPTIONS:

1. During severe weather, fire drills are allowed to be postponed when approved by the Chief.

2. For secondary level, fire drills may be conducted twice every school year. One fire drill shall be conducted within the first 30 days of a new school year.

3. Extent of evacuation. Fire drills shall include the complete evacuation of all persons from the building or portion thereof used for educational purposes.

EXCEPTION: The staff member responsible for notifying the fire department and handling the emergency communications.

4. Fire department notification. When required by the Chief, the fire department shall be notified prior to each drill.

5. Initiation. When a fire alarm system is provided, fire drills shall be initiated by activation of the fire alarm system. Fire alarm initiating shall be via a different device each time the drills are conducted.

6. Records. Records of drills shall be maintained and available, for review and/or submittal, upon request of the fire department.

Section 2401.13.1 is amended and changed to read as follows:

2401.13.1 General. Portable fire extinguishers suitable for flammable or combustible liquids and electrical-type fires shall be provided as specified by the Chief. Fire extinguishers shall be in accordance with the requirements of the California State Fire Marshal.

Section 2401.13.2 is amended and changed to read as follows:

2401.13.2 On towing vehicles. Vehicles used for towing aircraft shall be equipped with at least one fire extinguisher having a minimum rating of 20-B:C.

Section 2401.13.3 is amended and changed to read as follows:

2401.13.3 On welding apparatus. Welding apparatus shall be equipped with at least one fire extinguisher having a minimum rating of 2-A:10B:C.

Section 2401.13.4 is amended and changed to read as follows:

2401.13.4 On aircraft refuelers. Aircraft refuelers shall be equipped with at least two fire extinguishers having a minimum rating of 20-B:C. A fire extinguisher shall be readily accessible from either side of the vehicle.

Section 2401.13.5 is amended and changed to read as follows:

2401.13.5 At aircraft motor vehicle fuel-dispensing stations. Portable fire extinguishers at aircraft motor vehicle fuel-dispensing stations shall be located such that pumps or dispensers are not more than 75 feet (22860 mm) from one such extinguisher. Fire Extinguishers shall be provided as follows:

1. When the open-hose discharge capacity of the aircraft fueling system is not more than 200 gallons per minute (757 L per minute), at least two extinguishers having a minimum rating of 20-B:C, shall be provided.
2. When open-hose discharge capacity of the aircraft fueling system is more than 200 gallons per minute (757 L per minute) but not over 350 gallons per minute (1325 L per minute), at least one wheeled extinguisher having a minimum rating of 80-B:C, and having a minimum capacity of 125 pounds (57 kg) of agent, shall be provided.
3. When the open-hose discharge capacity of the aircraft fueling system is more than 350 gallons per minute (1325 L per minute), at least two wheeled extinguishers having a minimum rating of 80-B:C each, and having a minimum capacity of 125 pounds (57 kg) of agent each, shall be provided.

Section 2403.5.1 is added to read as follows:

2403.5.1 Fire Extinguishers. At least one fire extinguisher having a minimum 80-B:C rating shall be provided for each permanent take-off and landing area and for the aircraft parking areas. Portable fire extinguishers shall comply with the requirements of the California State Fire Marshal.

Section 3407 is amended and changed to read as follows:

3407 Fire Protection. Offices, storage buildings and vehicles used for site operations shall each be provided with at least one portable fire extinguisher with a rating of not less than 4-A:40-BC. When required by the Chief, additional portable fire extinguishers shall be provided in specific use areas as required by the Half Moon Bay Fire Protection District and in compliance with the requirements of the California State Fire Marshal.

Section 4502.8.2 is amended and changed to read as follows:

4502.8.2 Fire Extinguishers. Portable fire extinguishers shall be provided for spraying areas in accordance with the requirements for an extra (high) hazard occupancy as required by the Half Moon Bay Fire Protection District and in compliance with the requirements of the California State Fire Marshal.

Section 4503.7.1 is amended and changed to read as follows:

4503.7.1 General. Areas in vicinity of dip tanks shall be provided with portable fire extinguishers suitable for flammable liquid fires as specified for extra (high) hazard occupancies as required by the Half Moon Bay Fire Protection District and in compliance with the requirements of the California State Fire Marshal.

Section 4601.1 is added to read as follows:

4601.1 Compressed Gases. Cylinders of compressed gases shall be stored in accordance with Articles 74 and 80.

Section 6103.3 is amended and changed to read as follows:

6106.3 Location. The use of listed portable unvented liquid or gas fueled heating appliances shall be limited to supplemental heating in those occupancies that are specifically permit for such use by the Chief. The use of portable unvented liquid or gas fueled heating appliances within residential dwellings is prohibited by State law.

EXCEPTION: When approved by the Chief, portable unvented liquid or gas fueled heating appliances may be used in any occupancy during construction when such use is necessary for the construction and the used does not represent a hazard to life or property.

Section 7701.1.2 is added to read as follows:

7701.1.2 Enforcement. The regulations of the California State Fire Marshal are used for enforcement of the requirements for defining explosives, the storage, handling and use of explosives. The Half Moon Bay Fire Protection District may enforce those provisions of Article 77 that are deemed by the Chief to be more restrictive than the regulations of the California State Fire Marshal.

Delete Sections 7801.1 through 7803.9 and replace as follows:

Section 7801.1 is amended and changed to read as follows:

7801.1 Fireworks prohibition. It shall be unlawful for any person to possess, store, to offer for sale, expose for sale, sell at retail or wholesale, or use or explode any fireworks within the jurisdictional boundaries of the Half Moon Bay Fire Protection District.

EXCEPTION: State Fire Marshal licensed pyrotechnic operators may operate pyrotechnic displays and events after obtaining a permit for such operations from the Half Moon Bay Fire Protection District.

Section 7801.2 is amended and changed to read as follows:

7801.2 Model rocket sales. Model rockets and associated engines may be offered for retail sales after obtaining a permit from the Half Moon Bay Fire Protection District.

Section 7801.3 is amended and changed to read as follows:

7801.3 Discharge of model rockets. Model rockets may be discharged within the jurisdictional boundaries of the Half Moon Bay Fire Protection District after obtaining a permit for such discharge from the Half Moon Bay Fire Protection District.

Section 7901.5.3 is amended and changed to read as follows:

7901.5.3 Portable fire extinguishers. Portable fire extinguishers shall be provided as required by the Half Moon Bay Fire Protection District and in compliance with the requirements of the California State Fire Marshal.

Section 7902.5.1.2.1 is amended and changed to read as follows:

7902.5.1.2.1 Portable fire extinguishers. Approved portable fire extinguishers shall be provided as required by the Half Moon Bay Fire Protection District and in compliance with the requirements of the California State Fire Marshal, except as specified in Section 7902.5.11.5.2.

Section 7902.5.12.5.1 is amended and changed to read as follows:

7902.5.12.5.1 Fire-extinguishing systems. Liquid storage warehouses shall be protected by automatic sprinkler systems installed in accordance with this ordinance and Table 7902.5-F, 7902.5-G, 7902.5-H, 7902.5-I or 7902.5-J. In-rack sprinklers shall also comply with U.F.C. Standard 81-2. Automatic foam-water systems and automatic aqueous film forming foam-water sprinkler systems may only be used when approved by the Chief.

Section 7903.2.3.2.3 is amended and changed to read as follows:

7903.2.3.2.3 Fire protection. Rooms or buildings classified in accordance with the Building Code as Group H, Divisions 2 or 3 Occupancies shall be protected by an approved automatic fire extinguishing system in accordance this ordinance. See also Section 1003.2.5.

Section 7904.5.1.2 is amended and changed to read as follows:

7904.5.1.2 Fire protection. Fire protection shall be provided in accordance with Article 10. Approved portable fire extinguishers shall be provided as required by the Half Moon Bay Fire Protection District and in compliance with the requirements of the California State Fire Marshal. Extinguishers having a minimum rating of 40-B shall be provided at each loading rack. Suitable fire-control devices, such as small hose or portable fire extinguishers, shall be available to protect locations where fires are likely to occur. The Chief is authorized to require additional fire-control equipment where an unusual exposure hazard exists. Such additional fire-control equipment shall be sufficient to extinguish a fire in the largest tank. The design and amount of such equipment shall be in accordance with approved engineering standards.

Section 8001.3.2.1 is added to read as follows:

8001.3.2.1 Knox Box. When required by the Half Moon Bay Fire Protection District, a Knox Box of the size and type designated, shall be located at a location on-site as specified by the Half Moon Bay Fire Protection District.

Section 8003.1.6 is amended and changed to read as follows:

8003.1.6 Fire-extinguishing systems. Indoor storage areas and storage buildings shall be protected by an automatic sprinkler system. The design of the sprinkler system shall not be less than that required for Ordinary Hazard Group 2 with a minimum design area of 3,000 square feet (278.7 m²). Where the materials or storage arrangement requires a higher level of sprinkler system protection in accordance with nationally recognized standards, the higher level of sprinkler system protection shall be provided.

EXCEPTION: The Chief may allow approved alternate automatic fire-extinguishing systems.

Section 8003.12.2.3 is amended and changed to read as follows:

8003.12.2.3 Fire-extinguishing systems. Outside storage of highly toxic solids and liquids shall be in fire-resistive containers or shall comply with one of the following:

1. The storage area shall be protected by an automatic, open head, deluge fire sprinkler system of the type and density specified in this ordinance or
2. Storage shall be located under a canopy of noncombustible construction, with the canopied area protected by an automatic fire sprinkler system of the type and density specified in this ordinance. Such storage shall not be considered indoor storage. See Section 8003.1.20.

Section 8004.1.10 is amended and changed to read as follows:

8004.1.10 Fire-extinguishing systems. Indoor rooms or area in which hazardous materials are dispensed or used shall be protected by an automatic fire extinguishing system. Sprinkler system design shall not be less than that required by this ordinance for Ordinary Hazard, Group 2, with a minimum design area of 3,000 square feet (278.7 m²). Where the materials or storage arrangement require a higher level of sprinkler system protection in accordance with nationally recognized standards, the higher level of sprinkler protection shall be provided.

EXCEPTION: The Chief may allow approved alternate automatic fire-extinguishing systems.

Section 8101.5.2 is amended and changed to read as follows:

8101.5.2 Designation based on engineering analysis. The designation of a high-piled combustible storage area, or portion thereof, is allowed to be based on a lower hazard class than that of the highest class of commodity stored when a limited quantity of the higher hazard commodity has been demonstrated by engineering analysis to be adequately protected by the sprinkler system provided. The engineering analysis shall consider the ability of the sprinkler system to deliver the higher density required by the higher-hazard commodity. The higher density

shall be based on the actual storage height of the pile or rack and the minimum allowable design area for sprinkler operation as set forth in the density/area figures provided in U.F.C. Standards 81-1 and 81-2. The contiguous area occupied by higher-hazard commodity shall not exceed 120 square feet (11.15 m²), and additional areas of higher-hazard commodity shall be separated from other such areas by 25 feet (7620 mm) or more. The sprinkler system shall be capable of delivering the higher density over a minimum area of 900 square feet (83.6 m²) for wet pipe systems and 1,200 square feet (111.5 m²) for dry pipe systems. The shape of the design area shall be in accordance with this ordinance.

Section 8102.9.2 is amended and changed to read as follows:

8102.9.2 Fire department hose connection. When exit passageways are required by the building code for egress, a Class I standpipe system shall be provided in accordance with this ordinance.

Section 8102.11 is amended and changed to read as follows:

8102.11 Portable fire extinguishers. Portable fire extinguishers shall be provided as required by the Half Moon Bay Fire Protection District and in compliance with the requirements of the California State Fire Marshal.

Section 8103.2.1 is amended and changed to read as follows:

8103.2.1 General. When fire sprinklers are required by Table 81-A, an automatic fire sprinkler system shall be installed. The design and installation of the automatic fire sprinkler system and other applicable fire protection shall be in accordance with this ordinance and U.F.C. Standard 81-2.

Section 8203.1 is amended and changed to read as follows:

8203.1 General. Liquefied petroleum gas equipment shall be installed in accordance with U.F.C. Standard 82-1, except as otherwise provided in Article 82, Section VI of this ordinance and in other laws or regulations.

Section 8204.2 is amended and changed to read as follows:

8204.2 Maximum Capacity within Established Limits. Within the limits established by law restricting the storage of LP-gas for the protection of heavily populated or congested commercial areas, the aggregate capacity of any one installation shall not exceed a 2,000 gallon (7571 L) water capacity (see sample adoption ordinance, Section 5).
EXCEPTION: Unless in accordance with the provisions of Section VI of this ordinance.

Section 8204.4 is amended and changed to read as follows:

8204.4 Multiple Container Installation. Multiple container installations with a total water storage capacity of more than 180,000 gallons (681 374 L) [150,000-gallon (567 811 L) LP-gas capacity] shall comply with the provisions of Section VI of this ordinance. The Chief may utilize the following criteria, as part of or in whole, during evaluation toward acceptance under the provisions of Section VI of this ordinance:

Installations with a total water storage capacity of more than 180,000 gallons shall be subdivided into groups containing not more than 180,000 gallons (681 374 L) in each group. Such groups shall be separated by a distance of not less than 50 feet (15 240 mm) unless the containers are:

1. Mounded in an approved manner.
2. Protected with approved insulation on areas that are subject to impingement of ignited gas from pipelines or other leaks.
3. Protected by firewalls of approved construction.
4. Protected by an approved system for application of water as specified in U.F.C. Standard 82-1, Table 3-2.2.4, or

5. Protected by other approved means.

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

Section 9001.4 is added to read as follows:

9001.4 APPENDIX CHAPTERS. Appendix chapters, which are not specifically adopted, may be used in whole or in part by the Half Moon Bay Fire Protection District as guides toward enforcement of the provisions of this ordinance.

Section 9003 n.2 is amended and changed to read as follows:

9003 n.2. NATIONAL FIRE PROTECTION ASSOCIATION
Post Office Box 9101, Batterymarch Park, Quincy, MA 02269
NFPA STANDARDS

n.2.1 The Half Moon Bay Fire Protection District may utilize in whole or in part any of the latest editions of the printed NFPA Standards as a guide in the enforcement of the provisions of this ordinance. The following specific Standards, along with the amendments by the California State Fire Marshal found within Chapter 35 of the California Building Code, are hereby adopted for enforcement:

NFPA Standard # 11, 1994 edition
NFPA Standard # 12, 1997 edition
NFPA Standard # 13, 1996 edition
NFPA Standard # 13R, 1996 edition
NFPA Standard # 15, 1996 edition
NFPA Standard # 16-A, 1994 edition
NFPA Standard # 17-A, 1994 edition
NFPA Standard # 24, 1995 edition
NFPA Standard # 50, 1990 edition
NFPA Standard # 72, 1996 edition
NFPA Standard # 2001, 1996 edition

NFPA Standard # 11-A, 1994 edition
NFPA Standard # 12-A, 1992 edition
NFPA Standard #13-D, 1996 edition
NFPA Standard # 14 1996 edition
NFPA Standard # 16, 1991 edition
NFPA Standard # 17, 1994 edition
NFPA Standard # 20 1996 edition
NFPA Standard # 37, 1994 edition
NFPA Standard # 58, 1992 edition
NFPA Standard # 253, 1984 edition

Section X. Penalties. Any person who violates any of the provisions of this Ordinance as adopted herein or fails to comply therewith, or who violates or fails to comply with any order made thereunder, or who builds in violation of any detailed statement of specifications or plans submitted and approved thereunder, or any certificate of operation or permit issued thereunder, and from which no appeal has been taken, or fails to comply with such an order as affirmed or modified by the Half Moon Fire Protection District or by a court of competent jurisdiction, within the required time, shall be considered to be in violation and noncompliance, and therefore upon conviction, guilty of a misdemeanor, punishable by a fine and/or imprisonment as determined by a court of competent jurisdiction. The imposition of one penalty for any violation shall not excuse the violation or permit it to continue; and all such persons shall be required to correct or remedy such violations or defects within a reasonable time; and when not otherwise specified, each ten days that the prohibited condition exists shall constitute a separate offense.

Section XI. FINDINGS:

The Half Moon Bay Fire Protection District, by Resolution No. 1999-10, adopted findings based on local climatic, geological and topographical conditions existing within the District that support the modifications to the California Fire Code, 1998 Edition as set forth by this Ordinance. The specific findings supporting each modification to the California Fire Code are shown on the chart attached to this Ordinance as Exhibit A.

Section XII SEVERABILITY:

If any Section, subsection, provision or other portion of this ordinance, or its application to any person or circumstance, is held invalid or unenforceable, all other parts of this ordinance shall remain in full force and effect, and the Board declares that it would have adopted each section, subsection and provision independently, and that each provision is severable.

Section XIII EFFECTIVE DATE

This ordinance shall be in full force and effect after it is ratified by the City of Half Moon Bay and The County of San Mateo, but in any event no sooner than thirty (30) days after its adoption by the District. Within fifteen (15) days after the ordinance is adopted, a summary of this ordinance and a tally of how each Board member voted shall be published once in a newspaper of general circulation, and posted at the District office.

INTRODUCED at a regular meeting of the Board of Directors of the Half Moon Bay Fire Protection District on Aug 24, 1999.

PASSED AND ADOPTED at a regular meeting of the Board of Directors of the Half Moon Bay Fire Protection District on Oct 26, 1999 by the following roll call vote:

AYES: Francis Navin, Robert Myers, Douglas Mackintosh, Tim Moran


NOES:

ABSENT: Bert Silva



President, Board of Directors
Half Moon Bay Fire Protection District

ATTEST:



Secretary of the District