

1 substances, materials, and devices, and from conditions hazardous to life
2 or property in the occupancy of buildings and premises as herein provided;
3 providing for the issuance of permits and collection of fees therefore; and
4 each and all regulations, provisions, penalties, conditions and terms of said
5 Fire Code are hereby referred to, adopted, and made a part hereof, with the
6 additions, insertions, deletions and changes, if any, prescribed in sections
7 18.48.010 through 18.48.620, inclusive.

8 Notwithstanding the provisions of the above referenced Fire Code(s),
9 all new or increased fees for services provided pursuant to the Fire Code(s)
10 shall not take effect until a resolution for such fees is adopted by the City
11 Council pursuant to California Government code Sections 66016 and
12 66020.

13
14 18.48.020 Deleted phrases and sections.

15 The following phrases or sections are deleted from the California Fire
16 Code, 2007 Edition:

- | | | |
|----|------------|--------------------------------|
| 17 | 311.2.2 | Delete exceptions 1 and 2. |
| 18 | 901.4.2 | Delete the words "partial or". |
| 19 | 903.2 | Delete exception 1. |
| 20 | 903.4 | Delete exceptions 4 and 5. |
| 21 | 907.2.7.1 | Delete section. |
| 22 | 907.10.1.2 | Delete section. |
| 23 | 913.4 | Delete methods 3 and 4. |
| 24 | 1009.11.1 | Delete exception. |
| 25 | 2701.1 | Delete exception 8. |

26
27 18.48.030 CFC Chapter 1, section 101.3--Scope.

28 Section 101.3 of Chapter 1 of the California Fire Code is amended

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by the addition of subsection 5 to read:

5. The maintenance of fire protection and elimination of fire hazards on vessels moored, anchored, or berthed in waters under the jurisdiction of the City and/or within the boundaries of the Port of Long Beach.

18.48.040 CFC Chapter 1, section 101 --Supplemental rules and regulations.

Section 101 of Chapter 1 of the California Fire Code is amended by the addition of section 101.13 to read:

101.13 Supplemental Rules and Regulations. The Fire Chief is authorized to make and enforce such rules and regulations for the prevention and control of fires, fire hazards and hazardous materials incidents as may be necessary from time to time to carry out the intent of this code. Three certified copies of such rules and regulations shall be filed with the City Clerk and shall take effect immediately thereafter. Additional copies shall be kept in the Fire Prevention Bureau Office. These rules and regulations shall be known as the Fire Prevention Requirements.

18.48.050 CFC Chapter 2, section 202--General Definitions.

Section 202 of Chapter 2 of the California Fire Code High-Rise Building definition, subsection 2 is amended to read:

"High-rise structure" means every building of any type of construction or occupancy having floors used for human occupancy located more than seventy five (75) feet above the lowest floor level having building access (see California Building Code, Section 403.1.2) or the lowest level of Fire Department vehicle access, whichever is more restrictive, except buildings used as hospitals as defined in section 1250 of the California Health and Safety Code.

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18.48.060 CFC Chapter 2, section 202--General definitions.

Section 202 of Chapter 2 of the California Fire Code is amended by adding the following definitions to read:

Boat Yard. A facility for construction, repair, storage, launching, berthing, and fueling of small craft.

Safety Container. An approved container of not over five gallons capacity, having a self-closing lid and spout cover.

Small Craft. Vessels under sixty-five (65) feet in length.

18.48.070 CFC Chapter 3, section 304.1 -- Waste accumulation prohibited and vegetation.

Section 304.1 of Chapter 3 of the California Fire Code is amended by the addition of section 304.1.4 to read:

304.1.4 Alleys to be Kept Clean. It shall be unlawful for any person owning or occupying or having possession or control of any property bordering on any public alley in the City to fail, refuse or neglect to keep the portion of such alley between the center line of the alley and the property line of such property free from garbage, debris, rubbish, combustible materials, flammable liquids, hazardous materials and other obstructions.

18.48.080 CFC Chapter 3, section 307.1.1--Prohibited open burning.

Section 307.1.1 of Chapter 3 of the California Fire Code is amended to read:

307.1.1 Prohibited Open Burning. Open burning shall be conducted in accordance with Section 307 and as required by other governing agencies regulating emissions. No person shall conduct open burning for any purposes except:

1 1. When such fire is set or permission for such fire is given in the
2 performance of the official duty of any Public Safety Officer, and the fire in
3 the opinion of such officer is necessary for the purpose of the prevention of
4 a fire hazard which cannot be abated by any other means or for the
5 purpose of the instruction of public employees in the methods of fighting
6 fire.

7 2. When such fire is set on property used for industrial or
8 institutional purposes to instruct employees in methods of fighting fire.

9 3. The Fire Chief has issued an open burning permit allowing open
10 burning for a specific purpose.

11
12 18.48.090 CFC Chapter 3, section 307.4.2--General.

13 Section 307.4.2 of Chapter 3 of the California Fire Code is amended
14 by the addition of section 307.4.2.1 to read:

15 307.4.2.1 General. Recreational fires shall be in accordance with
16 Section 307. Recreational fires shall not be conducted unless the Fire Chief
17 has issued a permit permitting such fires. For recreational fires this permit
18 shall be issued without cost.

19
20 18.48.100 CFC Chapter 3, section 312.2--Posts.

21 Section 312.2 of Chapter 3 of the California Fire Code is amended
22 by the revision of subsection (4) and the addition of subsections (6) and (7)
23 to read:

24 (4) Set the top of the posts not less than 4 feet above ground.

25 (6) Where heavy truck traffic is anticipated guard posts shall be a
26 minimum of 6 inches in diameter, or as required by the Fire Chief, concrete
27 filled, located not less that 5 feet from the protected object, and have the
28 tops of the posts not less than 4 feet above ground.

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(7) Guard posts shall be painted safety yellow.

18.48.110 CFC Chapter 5, section 503.2.1--Dimensions.

Section 503.2.1 of Chapter 5 of the California Fire Code is amended to read:

503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 26 feet, and an unobstructed vertical clearance of 15 feet.

18.48.120 CFC Chapter 5, section 503.2.4--Turning radius.

Section 503.2.4 of Chapter 5 of the California Fire Code is amended to read:

503.2.4 Turning radius. Fire apparatus access roads shall have a minimum inside turning radius of 28 feet.

18.48.130 CFC Chapter 5, section 505.1--Address numbers.

Section 505.1 of Chapter 5 of the California Fire Code is amended by the addition of sections 505.1.1 and 505.1.2 to read:

505.1.1 Rear address numbers. All buildings on the property of the Long Beach Airport, and all Multi-tenant buildings within the City, shall be provided with address numbers and/or suite numbers on the rear doors to each tenant space.

505.1.2 Address illumination. Address numbers on the street or road frontage of the building, shall be internally or externally illuminated. In addition, buildings on the Long Beach Airport property shall have the rear address numbers internally or externally illuminated, in addition to the street or road frontage addresses.

1 18.48.140 CFC Chapter 5, section 506.2--Key box maintenance.

2 Section 506.2 of Chapter 5 of the California Fire Code is amended
3 by the addition of sections 506.2.1 and 506.2.2 to read:

4 506.2.1 Identification. When required, keys shall be clearly tagged as
5 to the area and/or location they serve and a minimum of three separate sets
6 shall be located within the key box.

7 506.2.2 Gates. Vehicular or pedestrian gates obstructing required
8 fire access shall be provided with locking devices and/or over-ride
9 mechanisms, which have been approved by the Chief of the City of Long
10 Beach.

11
12 18.48.150 CFC Chapter 5--Fire service features.

13 Chapter 5 of the California Fire Code is amended by the addition of
14 section 511 to read:

15 SECTION 511-- EMERGENCY HELICOPTER LANDING FACILITY

16 511.1 General. Each high-rise building shall have an emergency
17 helicopter landing facility located on the roof of the building in an area
18 approved by the Fire Department. The landing facility shall be for
19 emergency operations only and installed in accordance with Section 511.

20 511.2 Approaches. A landing glide slope angle determined by a ratio
21 of eight feet horizontal distance for every one foot of vertical clearance is
22 required. Two such approaches shall be available at least ninety degrees
23 removed from each other.

24 511.3 Landing. Takeoff Area. A clear, unobstructed landing and
25 takeoff area is required with a minimum dimension of one hundred feet by
26 one hundred feet and a touchdown area having a minimum dimension of
27 fifty feet by fifty feet.

28 511.4 Roof Perimeter. If the roof has no parapet wall, a substantial

1 fence or safety net shall be provided around the perimeter of the roof in
2 such a manner that it will not restrict or reduce the required landing and
3 takeoff area.

4 511.5 Wind Device. An approved wind-indicating device shall be
5 provided.

6 511.6 Standpipe. A Class II wet standpipe shall be provided and
7 located in such a manner that it will not restrict or reduce the required
8 landing and takeoff area.

9 511.7 Marking. The rooftop shall be marked by an emergency
10 marker as required by the Fire Chief.

11 511.8 Communication System. An extension of the building's
12 emergency communication system shall extend to the roof, and shall
13 consist of a head set and microphone in a cabinet.

14
15 18.48.160 CFC Chapter 9, section 901.4--General.

16 Section 901.4 of Chapter 9 of the California Fire Code is amended
17 by the addition of section 901.4.5 to read:

18 901.4.5 Protection of Fire Protection Systems and Equipment. Fire
19 Protection Systems and Equipment subject to possible vehicular damage
20 shall be adequately protected with guard posts in accordance with Section
21 312 Vehicle Impact Protection, and modifications adopted under this code.

22
23 18.48.170 CFC Chapter 9, section 901.5--Installation.

24 Section 901.5 of Chapter 9 of the California Fire Code is amended
25 by the addition of section 901.5.2 to read:

26 901.5.2 Reinspection Fee. Whenever a scheduled test or inspection
27 required to satisfy Section 901.5 cannot be performed due to the failure of
28 the contractor or owner's representative to be ready, at the time of the

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scheduled test or inspection and the contractor or owner’s representative has not notified the Fire Prevention Bureau at least two hours prior to the scheduled test or inspection, then a reinspection fee may be assessed.

18.48.180 CFC Chapter 9, section 903.1--General.

Section 903.1 of Chapter 9 of the California Fire Code is amended by the addition of sections 903.1.2 through 903.1.5 to read:

Section 903.1.2 Fire Area. The total fire area of buildings for this section shall be computed without regard to fire walls and floors of less than four-hour fire resistive construction without openings.

Section 903.1.3 Control Valves. Fire Sprinkler system control valves shall be located within stairway number 1, and at the discretion of the Fire Chief, shall be provided on all levels of buildings above or below grade.

Section 903.1.4 Existing Buildings. An automatic sprinkler system shall be installed in all existing occupancies as required by this section, if any of the following occurs:

1. There is a change in occupancy classification to one that would require an automatic sprinkler system per the Fire Code in the new occupancy.
2. The Fire Chief determines that an automatic sprinkler system is required to provide a minimum level of public safety.

Section 903.1.5 Partial Automatic Sprinkler Systems. Partial automatic sprinkler systems are not allowed. Where automatic sprinkler systems are required to be installed by this section, or by any other sections in this code, the automatic sprinkler system shall be installed throughout the entire building.

1 18.48.190 CFC Chapter 9, section 903.2--Where required.
2 Section 903.2 of Chapter 9 of the California Fire Code is amended
3 by the addition of the following paragraphs to read:
4 All new commercial, industrial and non-residential buildings that
5 require two or more exits or that are greater than 3,000 sq. ft. shall be
6 protected by an automatic sprinkler system. This shall not apply to existing
7 buildings.
8
9 18.48.200 CFC Chapter 9, section 903.2.7--Group R.
10 Section 903.2.7 of Chapter 9 of the California Fire Code is amended
11 by the addition of the following paragraphs to read:
12 All new multi-family (3 or more units) residential, hotels, motels and
13 similar buildings shall be protected by an automatic sprinkler system.
14 All new single-family dwellings and duplexes greater than 4,000 sq.
15 ft. or more than two-stories in height shall be protected by an automatic
16 sprinkler system.
17
18 18.48.210 CFC Chapter 9, section 903.3.5--Water supplies.
19 Section 903.3.5 of Chapter 9 of the California Fire Code is amended
20 by the addition of section 903.3.5.3 to read:
21 903.3.5.3 Hydraulic Calculations Margin. Fire protection system
22 hydraulic calculations shall include a 10 percent safety margin between the
23 available water supply and the required system supply.
24
25 18.48.220 CFC Chapter 9, section 903.4.1--Signals.
26 Section 903.4.1 of Chapter 9 of the California Fire Code is amended
27 by the addition of section 903.4.1.1 to read:
28 903.4.1.1 Signal reporting. All signals when automatically transmitted

1 to the facilities noted in 903.4.1 shall be transmitted with each devices
2 specific location, type and address.

3

4 18.48.230 CFC Chapter 9, section 903.4.2--Alarms.

5 Section 903.4.2 of Chapter 9 of the California Fire Code is amended
6 by the addition of the following sentence to read:

7 The exterior alarm device shall be a horn and strobe device, located
8 on the address side of the building, closest to the location of the remote
9 annunciator.

10

11 18.48.240 CFC Chapter 9, section 905.1--General.

12 Section 905.1 of Chapter 9 of the California Fire Code is amended
13 by the addition of section 905.1.1 to read:

14 Section 905.1.1 Design. All standpipe systems, except Class II
15 systems, shall be designed to deliver a minimum of 125 psi at the most
16 remote and all standpipe outlets.

17

18 18.48.250 CFC Chapter 9, section 905.3.7--Marinas and boatyards.

19 Section 905.3.7 of Chapter 9 of the California Fire Code is amended
20 to read:

21 905.3.7 Marinas and Boatyards. Marinas and boatyards shall be
22 equipped throughout with standpipe systems in accordance with NFPA 303
23 and section 915, as added by the City of Long Beach Municipal Code.

24

25 18.48.260 CFC Chapter 9, section 907.1--General.

26 Section 907.1 of Chapter 9 of the California Fire Code is amended
27 by the addition of sections 907.1.5 and 907.1.6 to read:

28 Section 907.1.5 Evacuation. Buildings over 3 stories may be required

1 to provide building evacuation based on the floor of alarm, the floor above
2 and the floor below, in lieu of a general alarm, at the discretion of the Fire
3 Chief.

4 Section 907.1.6 Control Panels. Fire alarm system control panels,
5 including sprinkler monitoring panels, shall be utilized for connecting and
6 supervising fire alarm and/or fire related equipment only. Security or similar
7 devices shall not be connected to a fire alarm or sprinkler monitoring control
8 panel. The use of control panels capable of this feature is subject to the
9 following:

10 1. The owner of the facility where the panel is being installed shall
11 provide an original letter, on company letterhead, to the Long Beach Fire
12 Department stating that not now, nor in the future, will security or similar
13 equipment be connected to the fire alarm or sprinkler monitoring control
14 panel.

15 2. New and/or existing control panels installed after the adoption of
16 this ordinance found to be in violation of this requirement shall be subject to
17 corrective action, as determined by the Fire Chief.

18
19 18.48.270 CFC Chapter 9, section 90--Fire alarm and detection systems.

20 Section 907 of Chapter 9 of the California Fire Code is amended by
21 the addition of section 907.21 to read

22 Section 907.21 Fire alarm upgrade. All existing multi-family
23 residential, hotels, motels and high-rise buildings shall upgrade the existing
24 fire alarm system to current code, at the time of replacement of the existing
25 non-functioning fire alarm control panel.

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27 18.48.280 CFC Chapter 9, section 910.3.2.2--Sprinklered buildings.

28 Section 910.3.2.2 of Chapter 9 of the California Fire Code is

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amended by the addition of the following sentence to read:

Smoke and heat vents fusible links shall be designed at a minimum of 100 degrees above the temperature rating of the fire sprinklers.

18.48.290 CFC Chapter 9, section 912.1--Installation.

Section 912.1 of Chapter 9 of the California Fire Code is amended by the addition of section 912.1.1

Section 912.1.1 Design. Fire department connections, where required, shall be provided with a minimum number of two (2) 2-1/2 inch inlets, regardless of the size of the fire sprinkler system. Where fire protection system demands are in excess of 1000 gpm a minimum of four (4) 2-1/2 inch inlets shall be provided.

Hazardous locations, high-rise buildings or where fire protection system demands are in excess of 2000 gpm, a second fire department connection utilizing four (4) 2-1/2 inch inlets may be required at the discretion of the Fire Chief.

18.48.300 CFC Chapter 9, section 912.2.1--Visible location.

Section 912.2.1 of Chapter 9 of the California Fire Code is amended by the addition of the following paragraph to read:

Fire department connections shall be located on the address side of the building or structure and shall be within 150 feet of a public fire hydrant.

18.48.310 CFC Chapter 9, section 912.3--Access.

Section 912.3 of Chapter 9 of the California Fire Code is amended by the addition of the following paragraph to read:

Fire department connections, where located in landscaping or other similar areas, shall be provided with a minimum 3-foot concrete pad around

1 the Fire Department connection, and an approved concrete pathway
2 leading to the Fire Department connection.

3

4 18.48.320 CFC Chapter 9--Fire Protection Systems.

5 Chapter 9 of the California Fire Code is amended by the addition of
6 Section 915 to read:

7 SECTION 915 -- PIERS AND WHARVES

8 915.1 General. All piers, wharves, floats, boat yards, and marine
9 service stations shall be equipped with fire protection equipment as follows:

10 915.2 Standpipes.

11 915.2.1 General. All portions of floats exceeding one hundred fifty
12 feet in distance from apparatus access, or servicing more than four vessels,
13 and marine service stations shall be provided with an approved class II wet
14 standpipe system designed in accordance with NFPA 14.

15 915.2.2 Hose Stations. Hose stations shall be so spaced as to
16 provide protection to any portion of floats or floating vessels. Hoses shall be
17 mounted on a reel or rack and enclosed within an approved cabinet. Hose
18 stations shall be labeled FIRE HOSE -- EMERGENCY USE ONLY. All
19 equipment shall meet the approval of the Fire Chief.

20 915.2.3 Fire Department Inlet Connection. At the shore end, the
21 waterline shall be equipped with not less than a single two and one-half
22 inch Fire Department connection.

23 915.3 Access and Water Supply. Piers and wharves shall be
24 provided with fire apparatus access roads and water-supply systems with
25 on-site fire hydrants as may be required by the Fire Chief. Such roads and
26 water systems shall conform to Section 503 and 508.

27 915.4 Portable Fire Extinguishers. One fire extinguisher having a
28 minimum rating of 2A-20-B:C shall be provided at each required hose

1 station. Additional fire extinguishers, suitable for the hazards involved, shall
2 be provided and maintained in accordance with section 906.2 and NFPA
3 10.

4 915.5 Cabinets. Cabinets for the protection of fire protection
5 equipment shall be of non-corrosive materials.

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7 18.48.330 CFC Chapter 10, section 1003--General means of egress.

8 Section 1003 of Chapter 10 of the California Fire Code is amended
9 by the addition of section 1003.8 to read:

10 1003.8 Protection of Means of Egress. When the Fire Chief
11 determines that means of egress require protection from possible vehicular
12 damage, crash posts shall be installed in accordance with Section 312
13 Vehicle Impact Protection.

14
15 18.48.340 CFC Chapter 10, section 1009.11--Stairway to roof.

16 Section 1009.11 of Chapter 10 of the California Fire Code is
17 amended to read:

18 1009.11 Stairway to roof. In buildings located four or more stories in
19 height above grade plane, one stairway shall extend to the roof surface,
20 unless the roof has a slope steeper than four units vertical in 12 units
21 horizontal (33-percent slope).

22
23 18.48.350 CFC Chapter 10, section 1009.11--Stairway to roof.

24 Section 1009.11 of Chapter 10 of the California Fire Code is
25 amended by the addition of Section 1009.11.3 to read:

26 1009.11.3 Stairway 1. When a stairway to the roof is required it shall
27 be designated stairway 1.

28 18.48.360 CFC Chapter 22, section 2203.1.1--Scope.

1 Section 2203.1.1 of Chapter 22 of the California Fire Code is
2 amended by the addition of the following paragraph to read:

3 Dispensing devices shall be protected against physical damage from
4 vehicles by mounting on a concrete island 6 inches or more in height or by
5 other approved methods.

6
7 18.48.370 CFC Chapter 22, section 2206.7.9.2--Vapor processing system.

8 Section 2206.7.9.2 of Chapter 22 of the California Fire Code is
9 amended by the addition of sections 2206.7.9.2.5 through 2206.7.9.2.10 to
10 read:

11 2206.7.9.2.5 Component design. If a component is likely to contain a
12 flammable vapor/air mixture under operating conditions and can fail in a
13 manner, which could ignite the mixture, the component shall be designed to
14 withstand an internal explosion without failure to the outside and protected
15 to prevent flame propagation to other parts of the system.

16 2206.7.9.2.6 Fire checks. Approved fire checks or other positive
17 means of automatic isolation of underground storage tanks shall be
18 installed in vapor-return piping to prevent a flashback from reaching the
19 underground tanks. Such devices also shall be installed in all vapor/air
20 piping as close as practical to each burner or group of burners in a vapor
21 incineration unit, and in all vapor-transfer piping as close as practical to
22 refrigeration, absorption or similar types of processing equipment.

23 2206.7.9.2.7 Vent termination. Vents from vapor-processing units
24 shall not be less than 12 feet above adjacent ground level and not less than
25 8 feet above the processing unit itself. Vent outlets shall be directed and
26 located such that flammable vapors will not accumulate, travel to an unsafe
27 location or enter buildings.

28 2206.7.9.2.8 Electrical equipment. Electrical equipment shall be in

1 accordance with the California Electrical Code.

2 2206.7.9.2.9 Site control. Fences, bumper posts or other control
3 measures shall be provided where necessary to protect from tampering,
4 trespassing and vehicle traffic. The area within 15 feet of the installed
5 vapor-processing unit shall be kept clear of combustible materials.

6 2206.7.9.2.10 Maintenance, tests and inspection. Vapor-recovery
7 and vapor-processing equipment shall be subject to periodic maintenance,
8 tests and inspections. Maintenance, tests and inspections set forth in the
9 listing document, or other tests required by the chief, shall be the
10 responsibility of the owner or occupant of the premises on which such
11 equipment is located.

12 Maintenance on a vapor-recovery system or vapor-processing
13 equipment shall be performed by the manufacturer of the affected
14 equipment, or an equally qualified person. Written records of maintenance,
15 tests, inspections and the results and recommendations shall be maintained
16 on the premises where the equipment is located, and shall be made
17 available to the Fire Chief on request.

18 Incidents involving leaks, fires, explosions, overheating or requiring
19 shutting down equipment, other than for routine maintenance or tests, shall
20 be immediately reported to the Fire Department.

21

22 18.48.380 CFC Chapter 26--Welding and other hot work.

23 Chapter 26 of the California Fire Code is amended by the addition of
24 Sections 2610 and 2611 to read:

25 SECTION 2610 -- WELDING AND CUTTING ABOARD VESSELS

26 2610.1 General. No person shall perform any welding or cutting
27 operations aboard any vessel moored or anchored in the waterfront
28 facilities under the jurisdiction of the Long Beach Harbor Department

1 without first complying with the regulations of the Port of Long Beach Tariff
2 and notifying the Fire Department.

3 2610.2 Conditions. No person shall perform any welding or cutting
4 operations aboard any vessel moored, anchored or in drydock or on any
5 waterfront facility within the corporate limits of the City, which are not
6 included and regulated in Section 2610.1 above, at any yacht moorage,
7 shipyard, boat landing or marina without first notifying and receiving
8 permission from the proper authority as hereinafter defined:

9 1. Proper authority for a yacht moorage, shipyard, boat landing or
10 marina shall mean the manager or owner. Prior to giving permission to do
11 welding or cutting, a permit shall be obtained from the Fire Department.

12 2. Proper authority for any area not covered in (1) shall be the Fire
13 Chief.

14 2610.3 Special Hazards. Welding or cutting shall be prohibited
15 aboard any vessel in congested moorage, except as approved by the Chief
16 or in an approved shipyard site where adequate fire protection, as approved
17 by the Chief, is provided. Vessels shall be located in such a manner as to
18 facilitate their quick removal in case of fire or other emergency. If an
19 unusual hazard exists which endangers life or property, the Chief may
20 require sufficient and competent personnel to be immediately available to
21 move the vessel in the event of an emergency.

22 2610.4 Access. Brows, gangways, ladders or other facilities shall be
23 provided for prompt and easy access to a vessel upon which welding or
24 cutting is being conducted. A Jacobs ladder or other suitable equipment
25 may be required to be rigged on the offshore side in such a manner that it
26 can be immediately lowered for a boarding party in the event of an
27 emergency.

28 2610.5 Prohibitions. Welding and cutting prohibited:

1 1. Within two hundred feet of any vessel or any transfer apparatus on
2 any waterfront facility while transferring any liquefied petroleum gas,
3 liquefied natural gas, or flammable liquid between such vessel and/or
4 waterfront facility.

5 2. Within one hundred feet of any vessel or any transfer apparatus
6 on any waterfront facility while transferring any combustible liquid between
7 such vessel and/or waterfront facility.

8 2610.6 Dangerous Conditions. At any time the General Manager of
9 the Port, the Director of the Marine Division, or their authorized assistants,
10 the Master of the vessel, the Fire Chief, or any other responsible person is
11 aware of a dangerous condition existing during welding or cutting
12 operations, he/she shall immediately cause such operations to be
13 discontinued. Operations shall not be resumed until the danger is abated,
14 and the Fire Department is satisfied that appropriate safety levels are being
15 provided.

16 2610.7 Cylinder Locations. Compressed gas and liquefied petroleum
17 gas cylinders when being used aboard a vessel shall not be placed below
18 decks or under overhanging decks except by permission of the Fire Chief.

19 2610.8 Acetylene Generators. The use of acetylene generators on
20 vessels or waterfront facilities is prohibited.

21 2610.9 National Standards. All welding and cutting operations
22 covered by this section shall also comply with the requirements of other
23 applicable sections of these regulations and with N.F.P.A. No. 303, "Fire
24 Protection Standard for Marinas and Boatyards."

25 SECTION 2611 -- TESTS AND RECORDS REQUIRED

26 2611.1 General. Wherever tests are required to determine the safety
27 of welding and cutting operations, records shall be maintained to the
28 satisfaction of the Chief. Additional tests and inspections shall be required

1 to insure that safe conditions are maintained and to determine that welding
2 or cutting operations may be conducted with safety under the following
3 conditions:

4 If the work has been delayed for a prolonged period of time.

5 When transfer of ballast or manipulation of valves or closure
6 equipment tends to alter conditions in pipelines, tanks or compartments
7 subject to gas accumulation.

8 If there is removal or disturbance of hatches or separations from
9 adjoining compartments aboard vessels.

10 4. If vessels or containers are moved from one area to another.

11 2611.2 Hazardous Conditions. If at any time conditions become
12 hazardous, the person making the test or inspection shall immediately notify
13 the responsible person of the hazard. The responsible person shall
14 immediately cause all operations to stop and remain stopped until the
15 hazard is abated, and the Fire Department is satisfied that appropriate
16 safety levels are being provided.

17
18 18.48.390 CFC Chapter 33, section 3301--General.

19 Section 3301 of Chapter 33 of the California Fire Code is amended
20 by the addition of sections 3301.2 and 3301.3 to read:

21 3301.2 Financial Responsibility. Before a permit required by
22 Appendix Chapter 1, Section 105.6.14 is issued, the permittee shall file with
23 the Chief a certificate of insurance issued by an insurance company
24 authorized to transact business in the State of California. Such certificate
25 shall certify that the operations under the permit are covered by the policy.
26 The insurance coverage shall not be less than One Million Dollars for injury
27 or death of one person, One Million Dollars for injury or death to more than
28 one person and One Million Dollars for damage to property in any one

1 occurrence. Should the Fire Marshal decide that the activities of the
2 permittee should be supervised by employees of the Fire Department, then
3 the permittee shall furnish to the Fire Marshal the original or certified copy
4 of the policy of insurance in the amounts above provided. The City of Long
5 Beach, its officers, agents, employees and volunteers shall be named
6 parties insured under said policy insofar as the activities of such officers
7 and employees pertain to operations of permittee under the permit. The
8 policy of insurance shall be approved by Risk Management as to sufficiency
9 and the City Attorney as to form. Upon approval, the policy of insurance will
10 be returned if permittee files a certificate of insurance issued by the
11 insurance carrier. No insurance will be required if the permittee is a public
12 agency.

13 3301.3 Qualifications. The handling and firing of explosives shall be
14 performed only by authorized pyrotechnicians licensed by the State of
15 California, or by employees who are at least 18 years of age under the
16 direct personal supervision of the authorized blaster.

17
18 18.48.400 CFC Chapter 33, section 3308--Fireworks display.

19 Section 3308 of Chapter 33 of the California Fire Code is amended
20 by the addition of sections 3308.2, 3308.3 and 3308.4 to read:

21 3308.2 Prohibition. Except as hereinafter provided, it shall be
22 unlawful for any person to possess, store, offer for sale, expose for sale,
23 sell at retail, or use or explode any fireworks, provided that the Chief shall
24 have power to adopt reasonable rules and regulations for the granting of
25 permits for supervised public displays of fireworks by a jurisdiction, fair
26 associations, amusement parks, other organizations or for the use of
27 fireworks by artisans in pursuit of their trade. Every such use or display
28 shall be handled by a competent operator approved by the Chief and shall

1 be of such character and so located, discharged or fired so as, in the
2 opinion of the Chief after proper investigation, not to be hazardous to
3 property or to endanger any person.

4 3308.3 Financial Responsibility. Before a permit required by
5 Appendix Chapter 1, Section 105.6.14 is issued, the permittee shall file with
6 the Chief a certificate of insurance issued by an insurance company
7 authorized to transact business in the State of California. Such certificate
8 shall certify that the operations under the permit are covered by the policy.
9 The insurance coverage shall not be less than One Million Dollars for injury
10 or death of one person, One Million Dollars for injury or death to more than
11 one person and One Million Dollars for damage to property in any one
12 occurrence. Should the Fire Marshal decide that the activities of the
13 permittee should be supervised by employees of the Fire Department, then
14 the permittee shall furnish to the Fire Marshal the original or certified copy
15 of the policy of insurance in the amounts above provided. The City of Long
16 Beach, its officers, agents, employees and volunteers shall be named
17 parties insured under said policy insofar as the activities of such officers
18 and employees pertain to operations of permittee under the permit. The
19 policy of insurance shall be approved by Risk Management as to sufficiency
20 and the City Attorney as to form. Upon approval, the policy of insurance will
21 be returned if permittee files a certificate of insurance issued by the
22 insurance carrier. No insurance will be required if the permittee is a public
23 agency.

24 3308.4 Qualifications. The handling and firing of explosives shall be
25 performed only by authorized pyrotechnicians licensed by the State of
26 California, or by employees who are at least 18 years of age under the
27 direct personal supervision of the authorized blaster.

28

1 18.48.410 CFC Chapter 34, section 3404.2.11.3--Depth and cover.

2 Section 3404.2.11.3 of Chapter 34 of the California Fire Code is
3 amended to read:

4 3404.2.11.3 Depth and cover. Excavation for underground storage
5 tanks shall be made with due care to avoid undermining of foundations of
6 existing structures. Underground tanks shall be set on firm foundations and
7 surrounded with at least 6 inches of noncorrosive inert material such as
8 clean sand or gravel well tamped in place or in accordance with the
9 manufactures installation instructions. Tanks shall be covered with a
10 minimum of 2 feet of earth or shall be covered by not less than 1 foot of
11 earth, on top of which shall be placed a slab of reinforced concrete not less
12 than 4 inches thick.

13 When underground tanks are, or are likely to be, subject to traffic,
14 they shall be protected against damage from vehicles passing over them by
15 at least 3 feet of earth cover, or 18 inches of well tamped earth plus 6
16 inches of reinforced concrete, or 8 inches of asphaltic concrete. When
17 asphaltic or reinforced concrete paving is used as part of the protection, it
18 shall extend at least 1 foot horizontally beyond the outline of the tank in all
19 directions.

20 For tanks built in accordance with Sections 3404.2.7 the burial depth
21 and the height of the vent line shall be such that the static head imposed at
22 the bottom of the tank will not exceed 10 psig if the fill or vent pipe is filled
23 with liquid.

24 If the depth of cover exceeds 7 feet or the manufacture's
25 specifications, reinforcements shall be provided in accordance with the tank
26 manufacture's recommendations.

27 Nonmetallic underground tanks shall be installed in accordance with
28 the manufacture's instructions. The minimum depth of cover shall be as

1 specified above.

2

3 18.48.420 CFC Chapter 34, section 3405.3.5.2--Occupancy quantity
4 limits.

5 Section 3405.3.5.2 of Chapter 34 of the California Fire Code is
6 amended by the addition of the following paragraph to Subsection 7, Group
7 R Occupancies, to read:

8 In dwellings and apartment houses containing not more than three
9 dwelling units and accompanying attached or detached garages, storage
10 other than fuel oil is prohibited, except that which is required for
11 maintenance or equipment operation which shall not exceed five gallons.
12 Containers shall be listed or approved for the specific product to be stored,
13 and shall have an exterior label identifying the product in the container.

14

15 18.48.430 CFC Chapter 38, section 3801--General.

16 Section 3801 of Chapter 38 of the California Fire Code is amended
17 by the addition of section 3801.4 to read:

18 3801.4 Inside Storage or Use. No liquefied petroleum gases of any
19 type or mixture shall be permitted in any occupancy either for sale, use or
20 storage without the approval of the Chief.

21 18.48.440 CFC Chapter 38, section 3803.2.2--Industrial vehicles and
22 floor maintenance machines.

23 Section 3803.2.2 of Chapter 38 of the California Fire Code is
24 amended by the addition of section 3803.2.2.1 to read:

25 3803.2.2.1 Portable Cylinders. The use of portable cylinders of
26 liquefied petroleum gas as motorized equipment fuel in occupancies is
27 limited as follows: Liquefied petroleum gas fuel tanks on motorized
28 equipment are limited to two per vehicle with a combined capacity not to

1 exceed fifty pounds. Refilling or exchanging of tanks shall not be permitted
2 within the occupancy and shall be permitted only in approved locations as
3 determined by the Chief.

4
5 18.48.450 CFC Chapter 38, section 3804.3--Container location.

6 Section 3804.3 of Chapter 38 of the California Fire Code is amended
7 by the addition of section 3804.3.2 to read:

8 3804.3.2 Tank Orientation. Unless special protection is provided and
9 approved by the Fire Chief, containers of liquid petroleum gas shall be
10 oriented so that their longitudinal axes do not point toward other liquid
11 petroleum containers, vital process equipment, control rooms, loading
12 stations, flammable liquid storage tanks or required fire access roads.

13
14 18.48.460 CFC Appendix Chapter 1, section 101.1--Title.

15 Section 101.1 of Appendix Chapter 1 of the California Fire Code is
16 amended to read:

17 Section 101.1 Titles. These regulations shall be known as the Fire
18 Code of the City of Long Beach, hereinafter referred to as" this code".

19
20 18.48.470 CFC Appendix Chapter 1, section 101.2--Scope.

21 Section 101.2 of Appendix Chapter 1 of the California Fire Code is
22 amended by the addition of subsection 5 to read:

23 5. The maintenance of fire protection and elimination of fire hazards
24 on vessels moored, anchored, or berthed in waters under the jurisdiction of
25 the City and/or within the boundaries of the Port of Long Beach.

26
27 18.48.480 FC Appendix Chapter 1, section 104.3--Right of entry.

28 Section 104.3 of Appendix Chapter 1 of the California Fire Code is

1 amended by the addition of the following paragraph to read:

2 The Fire Chief shall have the authority to direct inspection and insure
3 compliance with the Long Beach Fire Code on all tankers and vessels at
4 anchor or dockside in waters under the jurisdiction of the City and/or within
5 the boundaries of the Port of Long Beach. All vessels shall comply with
6 rules and regulations set forth in federal, state and local codes. Access to
7 vessels shall be maintained at all times while the vessel is at anchor or
8 dockside by use of proper brows or accommodation ladders.

9
10 18.48.490 FC Appendix Chapter 1, section 105.1.2--Types of permits.

11 Section 105.1.2 of Appendix Chapter 1 of the California Fire Code is
12 amended by revising the first sentence to read:

13 105.1.2 Types of permits. There shall be three types of permits as
14 follows:

15
16 18.48.500 CFC Appendix Chapter 1, section 105.1.2--Types of permits.

17 Section 105.1.2 of Appendix Chapter 1 of the California Fire Code is
18 amended by the addition of subsection 3 to read:

19 3. Inspection permit. An inspection permit allows the applicant to
20 construct, enlarge, alter, repair, move, demolish, or change the occupancy
21 of a building or structure, fire access roadways, smoke control systems,
22 high piled storage, hazardous materials when not in "H" occupancies, and
23 special systems as indicated in section 18.48.560 of this code.

24
25 18.48.510 CFC Appendix Chapter 1, section 105.2.2--Inspection authorized.

26 Section 105.2.2 of Appendix Chapter 1 of the California Fire Code is
27 amended by the addition of section 105.2.2.1 to read:

28 105.2.2.1 Reinspection Fee. Whenever an inspection is scheduled

1 under Section 105.2.2 and the permittee is not ready for inspection and
2 does not inform the Chief or his representative at least two hours prior to
3 the scheduled inspection, a reinspection fee may be assessed.
4

5 18.48.520 CFC Appendix Chapter 1, section 105.3.1--Expiration.

6 Section 105.3.1 of Appendix Chapter 1 of the California Fire Code is
7 amended by revising the second sentence of the first paragraph to read:

8 105.3.1 Expiration. Construction and inspection permits shall
9 automatically become invalid unless the work authorized by such permit is
10 commenced within 180 days after its issuance, or if the work authorized by
11 such permit is suspended or abandoned for a period of 180 days after the
12 time the work is commenced.
13

14 18.48.530 CFC Appendix Chapter 1, section 105.6--Required operational
15 permits.

16 Section 105.6 of Appendix Chapter 1 of the California Fire Code is
17 amended to read:

18 105.6 Required Operational Permits. The fire code official is
19 authorized to issue operational permits for the operations set forth in
20 Appendix Chapter 1, Sections 105.6.1 through 105.6.61.
21

22 18.48.540 CFC Appendix Chapter 1, section 105.6--Required operational
23 permits.

24 Section 105.6 of Appendix Chapter 1 of the California Fire Code is
25 amended by the addition of sections 105.6.48 through 105.6.61 to read:

26 105.6.48 Airport, Heliport and Helistop. An operational permit is
27 required to operate an airport, heliport and helistop.

28 105.6.49 Battery Systems. An operational permit is required to

1 operate stationary lead-acid battery systems having a liquid capacity
2 greater than 50 gallons.

3 105.6.50 Business Occupancies. An operational permit is required to
4 operate any occupancy classified as a B, M or S Occupancy.

5 Exception. High-rise. See Permit 105.6.53

6 105.6.51 Educational Occupancy. An operational permit is required
7 to operate any occupancy classified as E1, E2, E3 or B (for Adult
8 Education).

9 105.6.52 General Use Permit. An operational permit is required to
10 maintain, store, use or handle materials, or to conduct processes which
11 may produce conditions hazardous to life or property, or to install
12 equipment used in connection with such processes, or to carry on any
13 activity which in the opinion of the Chief may be hazardous to life and
14 property and which is not specifically covered by Section 105.6

15 105.6.53 High-rise. An operational permit is required to operate any
16 high-rise structure.

17 105.6.54 Hot Air Balloon. An operational permit is required to launch
18 any hot air balloon which has its lifting power provided by an open flame
19 device. A plan shall be submitted for approval showing distances from
20 buildings and other possible hazards, as determined by the Chief, before
21 the permit is issued.

22 105.6.55 Institutional Occupancy. An operational permit is required
23 to operate any occupancy with over 6 occupants classified as an I-1, I-2, I-3
24 or any R occupancy providing care.

25 105.6.56 Marine Service Station. An operational permit is required to
26 operate a marine service station.

27 105.6.57 Radioactive Material. An operational permit is required to
28 store or handle radioactive materials.

1 Maintenance performed in accordance with this code is not considered a
2 modification and does not require a permit.

3 105.7.16 Smoke Control System. An inspection permit is required
4 for the installation or modification of a smoke control system. Maintenance
5 performed in accordance with this code is not considered a modification
6 and does not require a permit.

7 105.7.17 Fire Department Emergency Access and Building
8 Emergency Egress. An inspection permit is required for the construction or
9 modification of a Fire Department emergency access and building
10 emergency egress.

11 105.7.18 High Piled Storage. An inspection permit is required for
12 the construction or modification of a high piled storage area inside, or
13 outside of any building or structure.

14 105.7.19 Hazardous Materials, when not in "H" Occupancies. An
15 inspection permit is required for the installation or modification of a
16 hazardous material, when not in "H" Occupancies.

17 105.7.20 Special Systems. An inspection permit is required for the
18 construction or modification of vapor recovery systems, dust collection
19 systems, compressed or liquefied gas manifolds, and other special systems
20 requiring Fire Department approvals.

21
22 18.48.570 CFC Appendix Chapter 1, section 105--Permits.

23 Section 105 of Appendix Chapter 1 of the California Fire Code is
24 amended by the addition of sections 105.8, 105.9 and 105.10 to read:

25 105.8 Operational Permit Fees. The fee set forth and established for
26 the particular activity by a resolution of the City Council shall accompany all
27 operational permits required pursuant to the provisions of this code.

28 105.9 Construction and Inspection Permit Fees. Construction and

1 inspection permit fees shall be paid at the time of the permit issuance. In
2 addition to the permit fee, the applicant shall pay a plan check fee. The fee
3 set forth and established for the particular activity by a resolution of the City
4 Council shall accompany all construction and inspection permits required
5 pursuant to the provisions of this code.

6 105.10 DECLARATION OF INTENDED USE OF OCCUPANCY. As
7 required by the Chief, any or all owners of any occupancy may be required
8 to record with the County Recorder of the County of Los Angeles a legal
9 instrument of intended use. This legal instrument shall be called a
10 Declaration of Intended Use, which shall specifically state by occupancy
11 classification designations all intended uses of all portions of the occupancy
12 and may not be modified or withdrawn without the approval of the Chief.
13 Unapproved changes of occupancy or use can be cause for an immediate
14 hearing before the Building Official and the Fire Chief or their designees.
15 Such hearing shall be conducted to rule on the revocation of the Certificate
16 of Occupancy and the revocation of all permits issued to all owners,
17 tenants, operators and occupants of all portions of the occupancy. The
18 Declaration of Intended Use shall be binding on all present and future
19 owners, tenants, operators and occupants.

20 105.9.10.1 Existing Occupancy Modification. Any existing occupancy
21 that is modified in any manner where the modifications exceed 1% of the
22 total floor area of the smallest aggregate individual floor area or tier area in
23 any twelve month period, shall require the filing of a Declaration of Intended
24 Use.

25 105.9.2 Filing. A certified copy of the recorded Declaration of
26 Intended Use shall be filed with the Building Official and the Fire Chief
27 before any Certificate of Occupancy and/or any permits are issued to any or
28 all owners, operators or occupants of the occupancy.

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18.48.580 CFC Appendix Chapter 1, section 107.6--Overcrowding.

Section 107.6 of Chapter 1 of the California Fire Code is amended by the addition of section 107.6.1 to read:

107.6.1 Occupant Count. The supervisor of each place of assembly shall have an effective system to keep count of the number of occupants present in the assembly area. If at any time, the Chief determines that an accurate count of occupants is not being maintained, the occupancy shall be cleared until an accurate count can be made.

18.48.590 CFC Appendix Chapter 1, section 109.3--Violation penalties.

Section 109.3 of Appendix Chapter 1 of the California Fire Code is amended to read:

Section 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 directive of the fire code official, or of a permit or certificate used under the provisions of this code, shall be guilty of a misdemeanor, punishable by a fine, or by imprisonment, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

18.48.600 CFC Appendix Chapter 1, section 111.4--Failure to comply.

Section 111.4 of Appendix Chapter 1 of the California Fire Code is amended to read:

Section 111.4 Failure to comply. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition,

1 shall be guilty of a misdemeanor, punishable by a fine, or by imprisonment,
2 or both such fine and imprisonment. Each day that a violation continues
3 after due notice has been served shall be deemed a separate offense.
4

5 18.48.610 CFC Appendix Chapter 1--Administration.

6 Appendix Chapter 1 of the California Fire Code is amended by the
7 addition of section 112 to read:

8 SECTION 112-- RESPONSIBILITY

9 112.1 Responsibility for Costs. Persons who personally or through
10 another willfully, negligently, or in violation of law set a fire, allow a fire to be
11 set, allow a fire kindled or attended by them to escape from their control,
12 allow any hazardous materials to escape from their control, neglect to
13 properly comply with any written notice of the Chief, or willfully or
14 negligently allow the continuation of a violation of this code and
15 amendments thereto are liable for the expenses of fighting the fire, for the
16 expenses of any investigation, or for the expenses incurred during a
17 hazardous materials incident. Such expenses shall be a charge against that
18 person. Such charge shall constitute a debt of such person, and is
19 collectible by the City in the same manner as in the case of an obligation
20 under a contract, expressed or implied and a lien may be attached to the
21 involved property.

22 112.2 Reporting Injuries Caused by Fires. Any Person, firm,
23 corporation, or agency that maintains a hospital, pharmacy, or any other
24 medical or first aid service shall immediately report to the Chief any person
25 suffering from any fire-related injury. The report shall be made both by
26 telephone and in writing, and shall include the name and address of the
27 injured person, the person's whereabouts, and the character and extent of
28 the person's injuries.

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112.3 Non-Compliance/Reinspection Fee. When the Chief or his representative arrives at an occupancy to inspect for compliance with a written order or notice and finds that compliance has not been made or is prevented from making the inspection due to inaccessibility of the area or other circumstances, or when an inspection is scheduled for operational or construction permits and the permittee is not ready for inspection and does not inform the Chief or his representative two hours prior to the scheduled inspection, a reinspection fee may be assessed.

18.48.620 CFC Appendix Chapter B, section B105.2--Buildings other than one- and two-family dwellings.

Exception for Section B105.2 of Appendix Chapter B of the California Fire Code is amended to read:

Exception: A reduction in required fire-flow of up to 50 percent, as approved, is allowed when the building is provided with an approved automatic sprinkler system installed in accordance with Section 903.1.1 or 903.3.1.2. The resulting fire flow shall not be less than 1500 gallons per minute for the prescribed duration as specified in Table B105.1.

Section 2. The City Clerk shall certify to the passage of this ordinance by the City Council and cause it to be posted in three (3) conspicuous places in the City of Long Beach, and it shall take effect on the thirty-first (31st) day after it is approved by the Mayor, but in no event prior to January 1, 2008.

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OFFICE OF THE CITY ATTORNEY
ROBERT E. SHANNON, City Attorney
333 West Ocean Boulevard, 11th Floor
Long Beach, CA 90802-4664

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I hereby certify that the foregoing ordinance was adopted by the City Council of the City of Long Beach at its meeting of _____, 20__ by the following vote:

Ayes: Councilmembers: _____

Noes: Councilmembers: _____

Absent: Councilmembers: _____

City Clerk

Approved: _____
(Date)

Mayor