

**INITIAL STATEMENT OF REASONS**  
**FOR**  
**PROPOSED BUILDING STANDARDS**  
**OF THE**  
**OFFICE OF THE STATE FIRE MARSHAL**  
**REGARDING THE 2016 CALIFORNIA FIRE CODE,**  
**CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 9**  
**TRIENNIAL CODE ADOPTION CYCLE**

The Administrative Procedure Act (APA) requires that an Initial Statement of Reasons be available to the public upon request when rulemaking action is being undertaken. The following information required by the APA pertains to this particular rulemaking action:

**STATEMENT OF SPECIFIC PURPOSE, PROBLEM, RATIONALE and BENEFITS:**

Health and Safety Code Section 18928:

The specific purpose of this rulemaking effort by the Office of the State Fire Marshal is to act accordance with Health and Safety Code section 18928, which requires all proposed regulations to specifically comply with this section in regards to the adoption by reference with amendments to a model code within one year after its publication.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies addressed in the 2015 International Fire Code and be published as the 2016 California Fire Code.

The general purpose of this proposed action is principally intended to update and codify a new edition of the California Fire Code (California Code of Regulations, Title 24, Part 9) based upon a more current edition of a model code. The current California Fire Code in effect is the 2013 California Fire Code which is based upon the 2012 International Fire Code of the International Code Council. This proposed action:

- Repeal the adoption by reference of the 2012 International Fire Code and incorporate and adopt by reference in its place the 2015 International Fire Code for application and effectiveness in the 2016 California Fire Code.
- Repeal certain amendments to the 2012 International Fire Code and/or California Fire Standards not addressed by the model code that are no longer necessary.
- Adopt new building standards or necessary amendments to the 2015 International Fire Code that address inadequacies of the 2015 International Fire Code as they pertain to California laws.
- Bring forward previously existing California building standards or amendments, which represent no change in their effect from the 2013 California Fire Code.
- Codify non-substantive editorial and formatting amendments from the format based upon the 2012 International Fire Code to the format of the 2015 International Fire Code.

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**NOTE OF EXPLANATION:**

For the **2015 Triennial Code Adoption Cycle**, the Express Terms are displayed as follows:

**\*\*PART 1\*\*** Includes the California Amendments SFM proposes to bring forward from the 2013 California Fire Code **with changes** as shown, and also identifies the model code standards from the 2015 International Fire Code SFM proposes for adoption into the 2016 California Fire Code.

**\*\*PART 2\*\*** Displays the standards SFM proposes to bring forward from the 2013 California Fire Code **without change**, except for nonsubstantive editorial corrections, for adoption into the 2016 California Fire Code; the text is provided for context and the convenience of the code user.

**SUMMARY OF REGULATORY ACTION**

**SFM PROPOSES TO:**

**\*\*PART 1\*\***

1. Bring forward existing California Amendments from the 2013 California Fire Code for adoption into the 2016 California Fire Code **with amendment**.
2. Adopt standards from the 2015 International Fire Code into the 2016 California Fire Code **without amendment**.
3. Adopt standards from the 2015 International Fire Code into the 2016 California Fire Code **with amendment**.
4. Repeal 2013 California Amendments, which are **not** brought forward into the 2016 California Fire Code.

**\*\*PART 2\*\***

1. Bring forward existing California Amendments from the 2013 California Fire Code for adoption into the 2016 California Fire Code **without amendment**, except for editorial corrections.
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**\*\*PART 1\*\***

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[1]

**CHAPTER 1**  
**SCOPE AND ADMINISTRATION**  
**DIVISION I**  
**CALIFORNIA ADMINISTRATION**

The SFM propose to maintain two Divisions within Chapter 1 for existing administrative provisions being brought forward and administrative provisions contained in the 2015 IBC.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each adoption, amendment, or repeal is as follows:

**1.1.1**

**Rationale:** The SFM is proposing to repeal the adoption by reference of the 2012 International Fire Code and incorporate and adopt by reference in its place the 2015 International Fire Code for application and effectiveness in the 2013 California Fire Code. Furthermore, SFM is co-adopting updates to sections in Division I being proposed by BSC and HCD.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[2]

**DIVISION II**  
**SCOPE AND ADMINISTRATION**

The SFM proposes to maintain the Division II designation for the IBC Chapter 1 Administrative provisions - Sections 101 through 113.

The SFM proposes to only adopt Sections 102.1 – 102.5, 102.9, 104.2, 104.5, 104.7 – 104.7.2, 104.10, 105 – 105.2.2, 105.2.4, 105.3, 105.3.3 – 105.3.8, 105.4 – 105.4.6, 105.5, 105.6 – 105.6.8, Table 105.6.8, 105.6.10 – 105.6.11, 105.6.13 – 105.6.15, 105.6.20, Table 105.6.20, 105.6.21 – 105.6.26, 105.6.43, 105.6.46, 105.6.47, 105.7 – 105.7.14, 106.2 – 106.4, 109 – 109.3.1, 110.1 – 110.4, and 111 – 111.4 contained in Chapter 1, Division II pursuant to Health and Safety Code Sections 13108, 13113, 13114, 13131.5, 13143, 13143.6, 17921 and 18949.2.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

[3]

## CHAPTER 2 DEFINITIONS

The SFM proposes to adopt Chapter 2 with amendment and California regulation. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 2 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each, adoption, amendment, or repeal is as follows:

### **BLASTING AGENT BULLET RESISTANT FIREWORKS HIGHWAY PHOSPHORIC MATERIAL RAILWAY SMALL ARMS AMMUNITION**

The SFM is providing the statutory or CCR, Title 19 regulatory definition of the above definitions in accordance with Health and Safety Code 12511 or CCR, Title 19 Division 1, Chapter 10,. See Chapter 56 Express terms and Initial Statement of Reasons for additional information regarding the adoption and amendments relating to explosives. This amendment has no regulatory change in effect.

### **Congregate living health facility (CLHF).**

**Rationale:** SFM is providing the statutory definition of CLHF from Health and Safety Code (HSC) Section 1250. The previous definition was in conflict with the statutory definition. This change will now make the HSC and CBC definitions match.

### **DISCHARGE SITE DISPLAY SITE FALLOUT AREA MORTAR**

The SFM is deleting the above model code definitions as they are not used or are in direct conflict with CCR, Title 19 Division 1, Chapter 10. See Chapter 56 Express terms and Initial Statement of Reasons for additional information regarding the adoption and amendments relating to explosives. This amendment has no regulatory change in effect.

### **GASEOUS HYDROGEN SYSTEM, High-hazard Group H-2.**

**Rationale:** The SFM is repealing existing state amendments to use model code language. The new model code language matches existing SFM definitions. There is no change in regulatory effect.

### **MENTALLY RETARDED PERSONS, PROFOUNDLY OR SEVERELY PERSONS WITH INTELLECTUAL DISABILITIES, PROFOUNDLY OR SEVERELY**

**Rationale:** The SFM is using "Persons with Intellectual disabilities" instead of "Mentally Retarded Person" per AB 2370 and SB1381. There is no change in regulatory effect.

### **Business Group B.**

**Rationale:** The SFM is repealing existing state amendments on Training and skill development programs, to use model code definitions. The new model code language matches existing SFM definitions. There is no change in regulatory effect.

### **Educational Group E - Within places of religious worship.**

**Rationale:** This model code language was previously struck out in the 2013 CFC. SFM is now allowing non-licensed day cares to operate during religious functions as part of the primary occupancy.

### **Institutional Group I-2**

**Rationale:** SFM proposes not to adopt I-2 occupancy conditions. In doing so, SFM proposes to delete all I-2 Condition 1 from the CBC/CFC. SFM finally proposes to adopt call I-2 Condition 2 as the standard for all I-2s.

### **Residential Group R-4**

**Rationale:** SFM proposes not to adopt R-4 occupancy conditions. In doing so, SFM proposes to delete all I-2 Condition 1 from the CBC/CFC. SFM finally proposes to adopt call I-2 Condition 2 as the standard for all R-4s.

Additionally, SFM proposes to reinstate the model code language limiting Group R-4 to 16 ambulatory clients. When more than 16 ambulatory clients are present the occupancy would be a Group R-2.1 which provides a higher level of safety. Furthermore this is correlating publishing errors with the 2013 codes, and correlating the CFC to match the CBC.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[4]

## **CHAPTER 3 GENERAL REQUIREMENTS**

The SFM proposes to only adopt Sections 301, 304, 308.5, 312, 313, 314, 315, 316, 317, 319 of Chapter 3 without modification pursuant to Health and Safety Code Sections 13108, 13113, 13114, 13131.5, 13143, 13143.6, 17921 and 18949.2. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 3 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 12000-12801, 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[5]

## **CHAPTER 4 EMERGENCY PLANNING AND PREPAREDNESS**

The SFM proposes to only adopt Sections 401, 402, 403.2 and 407 of Chapter 4 pursuant to Health and Safety Code Sections 13108, 13113, 13114, 13131.5, 13143, 13143.6, 17921 and 18949.2 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 4 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

[6]

## CHAPTER 5 FIRE SERVICE FEATURES

The SFM proposes to adopt Chapter 5 with amendment and California regulation and continue the non-adoption of Sections 503 and 510.2. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 5 without modification.

(Note: See of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[7]

## CHAPTER 6 BUILDING SERVICES AND SYSTEMS

The SFM proposes to adopt Chapter 6 with amendment and California regulation. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 6 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each adoption, amendment, or repeal is as follows:

### **605.11.1-605.11.2**

**Rationale:** The SFM is repealing existing amendments on Solar PV, to use model code language. The new model code language matches existing SFM definitions. There is no change in regulatory effect.

### **605.11.1.2.6/605.11.1.3.4 Locations of DC conductors**

**Rationale:** The SFM is proposing to bring back this existing state amendment. This amendment was originally brought forward during the 2012 Triennial Code Cycle and was accidentally deleted during the 2013 Intervening Code Adoption Cycle. It was never the SFM's intent to remove the section. The section provides clarifying information on what a clear pathway is.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[8]

## CHAPTER 7 FIRE-RESISTANCE-RATED CONSTRUCTION

The SFM proposes to adopt Chapter 7 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 7 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[9]

## CHAPTER 8 INTERIOR FINISH, DECORATIVE MATERIALS AND FURNISHINGS

The SFM proposes to adopt Chapter 8 with amendment and California regulation and continue the non-adoption of Sections 805 through 808. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 8 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each adoption, amendment, or repeal is as follows:

### **Table 803.3**

**Rationale:** The SFM is correlating this section with the CBC. Amendment will add Group L to table.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[10]

## CHAPTER 9 FIRE PROTECTION SYSTEMS

The SFM proposes to adopt Chapter 9 with amendment and California regulation and continue the non-adoption of Section 904.1.1. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 9 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each adoption, amendment, or repeal is as follows:

### **903.2.8**

**Rationale:** The SFM is using "Persons with Intellectual disabilities" instead of "Mentally Retarded Person" per AB 2370 and SB1381. There is no change in regulatory effect.

### **903.2.8.2, 903.2.8.3, 903.3.1.3**

**Rationale:** SFM proposes not to adopt R-4 occupancy conditions. In doing so, SFM proposes to delete all I-2 Condition 1 from the CBC/CFC. SFM finally proposes to adopt call I-2 Condition 2 as the standard for all R-4s.

**904.11.1.1, 904.11.3**

**Rationale:** The SFM is directing user to CCR, Title 19, Division I which regulates the maintenance of fire suppression systems.

**904.13, 904.13.2, 907.5.2.1**

**Rationale:** SFM proposes not to adopt I-2 occupancy conditions. In doing so, SFM proposes to delete all I-2 Condition 1 from the CBC/CFC. SFM finally proposes to adopt call I-2 Condition 2 as the standard for all I-2s.

**907.2.6.4. Large family day-care**

**Code Advisory Committee (CAC) recommendation:** The CAC recommended approved as submitted but wanted further justification for the change an approximate cost. The SFM has updated the rationale to address the CAC comments.

**Rationale:** The language in 907.2.6.4 is confusing and contradicting. The language allows the AHJ to approve a manual device of his/her choice. However the language specifies that such a device actuate a fire alarm signal. This can only be accomplished by the use of an approved and listed fire alarm device such as a manual fire alarm box. In the same code section it states "such device or devices shall be attached to the structure and may be of any type acceptable to the enforcing agency, provided that such devices are distinctive in tone and are audible throughout the structure." This is also confusing. This change will ensure that the device used is an actual fire alarm device and not a device that emits a signal that does not sound like a typical fire alarm bell or horn. By requiring a listed device, it will ensure that the sound emitted in an alarm situation will be consistent with other fire alarms in other applications that will be recognized as a fire alarm by the occupants within the structure. The equipment required for the installation will cost approximately \$200. Installation will take 2-4 hours at approximately \$160/hour, depending on the location of power that the pull station and fire alarm signal device will connect to. This cost does not include permit fees, which may or may not be required, and which very jurisdiction to jurisdiction.

**907.2.11.3 Installation near cooking appliances, 907.2.11.4 Installation near bathrooms.**

**Rationale:** The SFM is proposing amendment to incorporate specific location provisions contained in NFPA 72 for the placement of smoke alarms. This proposal is primarily based on recommendation from the SFM Smoke Alarm Task Force Recommendations for Regulation and Legislation. Existing amendments to Sections 907.2.11.1.1 and 907.2.11.2 currently direct user to the same section as this new amendment.

**907.4.2.2**

**Rationale:** The SFM proposes to co-adopt this section with DSA. Please refer to DSA's ISOR in Part 2 for justification.

**907.5.2.1**

**Rationale:** SFM proposes not to adopt R-4 occupancy conditions. In doing so, SFM proposes to delete all I-2 Condition 1 from the CBC/CFC. SFM finally proposes to adopt call I-2 Condition 2 as the standard for all R-4s.

**907.2.11.9**

**Rationale:** The SFM is correlating this section with the CBC.

**907.5.2.2.4**

**Rationale:** The SFM is proposing relocating language from IBC Section 1108.2.7.3 to within this section. CBC Chapter 11B does not have an equivalent section. By relocating Section's 1108.2.7.3 language and intent to within section 907.5.2.2.4 the same level of safety of the model codes will be maintained.

**910.3, 910.1, 910.2, 910.2.1, 910.2.2, 910.3.1, 910.3.2, 910.3.3, 910.3.5, 910.3.5.1, 910.3.5.2, 910.4, 910.4.1, 910.4.2, 910.4.3, 910.4.3.1, 910.4.4, 910.4.5, 910.4.6, 910.4.7, 910.5, 910.5.1, 910.5.1.1, 910.5.2, 910.5.2.1, 910.5.2.2, 910.5.2.3, 910.5.2.4**

**Rationale:** The SFM is repealing existing amendments, to use model code language. The new model code language matches existing SFM definitions. There is no change in regulatory effect.

**Section 915 Carbon Monoxide Detection**

**Rationale:** SFM propose to co-adopt section 915 of the CBC with HCD. SFM is correlating the CBC with the CFC. The following is the Rationale from HCD:

HCD proposes to adopt the above referenced section with new California amendments. The newly proposed amendments incorporate language from the 2013 CBC, Section 420.6 (California amendment), which currently contains the State requirements for carbon monoxide (CO) alarms in Group R new and existing occupancies. The newly proposed amendments are consistent with NFPA 720 Standards for Installation of Carbon Monoxide (CO) Detection and Warning Equipment, which provides clarity for implementation and enforcement. Section 915, new in the 2015 IBC, mandates the installation of CO alarms in Group I, Group E, and Group R occupancies, and contains most of the measures currently in Section 420.6.

Section 420.6 was codified in the 2010 CBC during the 2010 Code Adoption Cycle, after the Carbon Monoxide Poisoning Prevention Act of 2010 (SB 183, Chapter 19, Statutes of 2010) was enacted. At that time, there were no CO detection requirements in the International Building Code. ICC included new mandates for installation of CO alarms in Group I and Group R occupancies in the 2012 IBC, Section 908.7. However, for the purposes of consistency with the state law, HCD did not adopt Section 908.7 during the 2012 Triennial Code Adoption Cycle, and this section was not printed in the 2013 California Building Code.

The proposal for CO alarms in the 2015 IBC, Section 915, was developed by the ICC Fire Code Action Committee (FCAC). This ICC committee was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. Since its inception in July 2011, the FCAC has held six open meetings and numerous Regional Work Group and Task Group meetings to discuss and debate the proposed changes. After detailed evaluation and comparison, HCD has determined that the measures for CO alarms in the 2015 International Building Code, Section 915, in most parts, match the existing CO alarm requirements in California Section 420.6. Therefore, HCD proposes to repeal the California Section 420.6 and adopt Section 915 with necessary California amendments, not included in the model code text. There is no intended change in regulatory effect from the requirements in the 2013 California Building Code. (All amended sections are discussed below

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[11]

## CHAPTER 10 MEANS OF EGRESS

The SFM proposes to adopt Chapter 10 with amendment and California regulation. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 10 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each adoption, amendment, or repeal is as follows:

### **1004.1.1.1, 1004.1.1.2, 1004.1.1.3, Table 1006.3.2(1), 1006.3.2.1, 1010.1.9.7, 1010.1.9.8**

**Rationale:** The SFM is repealing existing amendments, to use model code language. The new model code language matches existing SFM definitions. There is no change in regulatory effect.

### **1005.3.1**

**Rationale:** The SFM is proposing amendment to clarify the language of the section.

### **1006.3.2**

**Rational:** The SFM is proposing to amend the section with an editorial change to provide clarification.

### **1010.1.2.1, 1026.4.2**

**Rationale:** The SFM is proposing amendment to relocate existing amendment from 1010.1.2.to 1010.1.2.1. and 1026.4 to 1026.4.2 The model code language divided the section into two. There is no change in regulatory effect.

**1011.15**

**Rationale:** The SFM is proposing amendment to allow lifeguard towers to use ship ladders. Lifeguard towers and similar to I-3 elevated facility observation stations that are used by lifeguard staff only are and not open to the public.

**1013.6.3 Power source.**

**Rationale:** SFM proposes not to adopt I-2 occupancy conditions. In doing so, SFM proposes to delete all I-2 Condition 1 from the CBC/CFC. SFM finally proposes to adopt call I-2 Condition 2 as the standard for all I-2s.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[12]

**CHAPTER 11  
CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS**

The SFM proposes to only adopt Sections 1103.7, 1103.7.3, 1103.7.3.1, 1103.7.8 – 1103.7.8.2, 1103.7.9 – 1103.7.9.10, 1103.8 – 1103.8.5.3 and 1107 of Chapter 11 pursuant to Health and Safety Code Sections 13108, 13113, 13114, 13131.5, 13143, 13143.6, 17921 and 18949.2 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 11 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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**CHAPTERS 12 through 19  
RESERVED**

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[13]

**CHAPTER 20  
AVIATION FACILITIES**

The SFM proposes to maintain the adoption Chapter 21 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 21 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life

and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

**Notation:**

Authority: Health and Safety Code Sections 13108, 13143, 13210, 13211, 18949.2

References: Health and Safety Code Sections 13143, 13211, 18949.2

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[14]

**CHAPTER 21  
DRY CLEANING**

The SFM proposes to maintain the adoption Chapter 21 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 21 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

**Notation:**

Authority: Health and Safety Code Sections 13201, 13143, 18949.2

References: Health and Safety Code Sections 13143, 18949.2

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[15]

**CHAPTER 22  
COMBUSTIBLE DUST-PRODUCING OPERATIONS**

The SFM proposes to maintain the adoption Chapter 22 without modification.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[16]

**CHAPTER 23  
MOTOR FUEL-DISPENSING FACILITIES AND REPAIR GARAGES**

The SFM proposes to adopt Chapter 23 with amendment and California regulation. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 23 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013

California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each adoption, amendment, or repeal is as follows:

**2309.4.1, 2309.6, 2309.6.1, 2309.6.1.2, 2311.8**

**Rationale:** The SFM is repealing existing amendments, to use model code language. The new model code language matches existing SFM definitions. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[17]

**CHAPTER 24  
FLAMMABLE FINISHES**

The SFM proposes to maintain the adoption Chapter 24 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 24 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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**[18. The SFM proposes to not adopt Chapter 25.]**

**CHAPTER 25  
FRUIT AND CROP RIPENING**

The SFM proposes to not adopt Chapter 25.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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**[19. The SFM proposes to not adopt Chapter 26.]**

**CHAPTER 26  
FUMIGATION AND THERMAL INSECTICIDAL FOGGING**

The SFM proposes to not adopt Chapter 26.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life

and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[20]

#### **CHAPTER 27 SEMICONDUCTOR FABRICATION FACILITIES**

The SFM proposes to maintain the adoption Chapter 27 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 27 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[21]

#### **CHAPTER 28 LUMBER YARDS AND WOODWORKING FACILITIES**

The SFM proposes to maintain the adoption Chapter 28 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 28 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[22]

#### **CHAPTER 29 MANUFACTURE OF ORGANIC COATINGS**

The SFM proposes to maintain the adoption Chapter 29 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 29 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and

published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[23]

### **CHAPTER 30 INDUSTRIAL OVENS**

The SFM proposes to maintain the adoption Chapter 30 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 30 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[24]

### **CHAPTER 31 TENTS, CANOPIES AND OTHER MEMBRANE STRUCTURES**

The SFM proposes to maintain the adoption Chapter 31 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 31 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[25]

### **CHAPTER 32 HIGH-PILED COMBUSTIBLE STORAGE**

The SFM proposes to maintain the adoption Chapter 32 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 32 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114,

13131.5, 13143, 17921, and 18949.2.

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[26]

**CHAPTER 33  
FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION**

The SFM proposes to maintain the adoption Chapter 33 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 33 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[27]

**CHAPTER 34  
TIRE REBUILDING AND TIRE STORAGE**

The SFM proposes to maintain the adoption Chapter 34 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 34 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[28]

**CHAPTER 35  
WELDING AND OTHER HOT WORK**

The SFM proposes to maintain the adoption Chapter 35 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 35 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[29]

**CHAPTER 36  
MARINAS**

The SFM proposes to maintain the adoption Chapter 36 without modification.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[30]

**CHAPTER 37  
COMBUSTIBLE FIBERS**

The SFM proposes to maintain the adoption Chapter 37 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 37 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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**CHAPTERS 37 through 4947  
RESERVED**

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[31]

**CHAPTER 48  
MOTION PICTURE AND TELEVISION PRODUCTION STUDIO SOUND STAGES,  
APPROVED PRODUCTION FACILITIES, AND PRODUCTION LOCATIONS**

The SFM proposes to maintain the adoption Chapter 48 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 48 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and

published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[32]

#### CHAPTER 49 REQUIREMENTS FOR WILDLAND-URBAN INTERFACE FIRE AREAS

The SFM proposes to maintain the adoption Chapter 49 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 49 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[33]

#### CHAPTER 50 HAZARDOUS MATERIALS—GENERAL PROVISIONS

The SFM proposes to adopt Chapter 50 with amendment and California regulation. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 50 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each adoption, amendment, or repeal is as follows:

##### **5001.5.2 Hazardous Materials Inventory Statement (HMIS)**

**Rationale:** The SFM is repealing existing amendments, to use model code language. The new model code language matches existing State amendment. There is no change in regulatory effect.

##### **Table 5003.1.1(1)**

**Rationale:** The SFM is amending the quantity per control area for Division 1.3 explosives to correlate with the Bureau of Alcohol, Tobacco and Firearms (ATF) permitting quantities for small arms ammunition loaders and reloaders. The current Maximum Allowable Quantities for Division 1.3 explosives is overly restrictive and in conflict with ATF permitting quantities. These increased quantities will continue to be allowed only in buildings protected by an automatic sprinkler system and per the adopted regulations in Chapter 56 that require Division 1.3 explosives to be stored within a magazine when not in use. Also see Part 9 CFC Chapter 56 Express terms and Initial Statement of Reasons regarding the adoption and amendments relating to explosives. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 12000-12801, 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

[34]

### CHAPTER 51 AEROSOLS

The SFM proposes to maintain the adoption Chapter 51 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 51 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[35]

### CHAPTER 53 COMPRESSED GASES

The SFM proposes to adopt Chapter 53 with amendment and California regulation. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 53 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each adoption, amendment, or repeal is as follows:

#### **5301.1 Scope**

**Rationale:** The SFM is repealing existing amendments, to use model code language. The new model code language matches existing State amendment. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[36]

### CHAPTER 54 CORROSIVE MATERIALS

The SFM proposes to maintain the adoption Chapter 54 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 54 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life

and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[37]

#### CHAPTER 55 CRYOGENIC FLUIDS

The SFM proposes to maintain the adoption Chapter 55 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 55 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[38]

#### CHAPTER 56 EXPLOSIVES AND FIREWORKS

The SFM proposes to adopt specific provisions relating to explosive materials, developed by the Southern California Fire Prevention Officers, Southern Division, Code Development Committee.

Since the 2005 Triennial Code Cycle, the SFM has deleted all of the model code text and reprinted Title 19 language. This was done for several reasons including conflicts between model code language and federal requirements, conflicts within the model code language, and conflicts between model code language and Title 19. The SFM feels that the model code language is now to a point in the development process to where it should be adopted in California. The SFM worked with the Southern California Fire Prevention Officers to adopt the changes found within Item 38. These changes will help ensure consistent enforcement across the state and aid builders and building owners in what the specific requirements are.

Furthermore, the SFM is repealing many standards contained in Title 19 that are considered building standards and must be adopted through Title 24 in accordance with Health and Safety Code 18940. These building standards are national standards and thereby are being incorporated into Title 24 in accordance with the Nine-Point criteria Health and Safety Code 18930(a)(7). This adoption of Chapter 56 further implements Health and Safety Code 18941 by providing consistency with both state and nationally recognized standards.

The following is an extract from the Code Development Committee's scope of work, which provides the specific purpose and Rationale for item 38.

**Objective:** To evaluate existing laws and regulations pertaining to explosives and recommend changes and/ or additions to incorporate into the California Fire Code (CFC) to the Office of the State Fire Marshal. This project is limited to Explosives and does not include materials classified as fireworks, at this time.

**Necessity:** Currently the Office of the State Fire Marshal does not adopt the explosives provisions in the International Fire Code and further removes them from the CFC and solely relies on the provisions that are contained in California Code of Regulations (CCR), Title 19. This has created inconsistent design and enforcement of buildings and/ or other regulations for enforcing agencies, designers and building owners. Specifically Title 19 does not adequately address the design and construction of buildings for the possession, manufacture, storage, handling, sale and use of explosives, explosive materials, and small arms ammunition.

Committee members:

Adria Reinertson, Riverside County Fire Department  
Mark Dossett, San Diego Fire-Rescue  
Julie Frasure, Rancho Cucamonga Fire Department  
James Carver, El Segundo Fire Department  
Sandie Hastings, Torrance Fire Department  
Dennis Grubb, Orange County Fire Authority  
Galen Taylor, Los Angeles County Fire Department  
Jeff Parr, Los Angeles County Fire Department  
Glen Albright, Ventura Fire Department  
Jennifer Bower, Orange County Fire  
Diedre Locati, Corona Fire Department  
Randy Metz, Carlsbad Fire Department

Committee Findings

- There are inconsistencies between CCR Title 19, NFPA referenced standards and the maximum allowable quantities (MAQ) in the California Fire and Building Codes.
- There are inconsistencies between CCR Title 19, CFC, CBC, and federal regulations used by the Bureau of Alcohol, Tobacco, and Firearms to issue explosives permits.
- CCR Title 19 is out-of-date and refers to explosives categories and magazine types inconsistently with modern referenced standards, i.e. NFPA 495
- Chapter 56 of the International Fire Code (IFC) covers a much broader scope than CCR Title 19 and is more current for the industry.
- CCR Title 19 is lacking detailed regulations concerning the manufacture and use of explosive materials and small arms ammunition.
- CBC Section 434 is outdated and the provisions contained within are now handle by the CFC and CBC via H occupancy construction requirements. The provisions for Storage of Special Effects Materials is now handled based on type of explosive in Chapter 56.

Overall, the proposed adoption, amendment and/or deletion of regulations is a direct result of the committee findings.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 12000-12801, 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[39]

**CHAPTER 57  
FLAMMABLE AND COMBUSTIBLE LIQUIDS**

The SFM proposes to maintain the adoption Chapter 57 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 57 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[40]

## CHAPTER 58 FLAMMABLE GASES AND FLAMMABLE CRYOGENIC FLUIDS

The SFM proposes to adopt Chapter 58 with amendment and California regulation. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 58 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each adoption, amendment, or repeal is as follows:

**5801.1, 5802.1, 5803.1.1, 5808, 5801.1, 5808.2, 5808.3, 5808.3.1, 5808.3.2, 5808.4, 5808.5, 5808.5.1, 5808.5.2, 5808.5.3, 5808.5.3, 5808.5.4, 5808.6, 5808.7**

**Rationale:** The SFM is repealing existing amendments, to use model code language. The new model code language matches existing State amendment. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[41]

## CHAPTER 59 FLAMMABLE SOLIDS

The SFM proposes to maintain the adoption Chapter 59 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 59 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[42]

## CHAPTER 60 HIGHLY TOXIC AND TOXIC MATERIALS

The SFM proposes to maintain the adoption Chapter 60 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 60 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life

and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[43]

#### **CHAPTER 61 LIQUEFIED PETROLEUM GASES**

The SFM proposes to maintain the adoption Chapter 61 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 61 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[44]

#### **CHAPTER 62 ORGANIC PEROXIDES**

The SFM proposes to maintain the adoption Chapter 62 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 62 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[45]

#### **CHAPTER 63 OXIDIZERS, OXIDIZING GASES AND OXIDIZING CRYOGENIC FLUIDS**

The SFM proposes to maintain the adoption Chapter 63 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 63 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and

published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[46]

**CHAPTER 64  
PYROPHORIC MATERIALS**

The SFM proposes to maintain the adoption Chapter 64 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 64 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[47]

**CHAPTER 65  
PYROXYLIN (CELLULOSE NITRATE) PLASTICS**

The SFM proposes to maintain the adoption Chapter 65 without modification.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[48]

**CHAPTER 66  
UNSTABLE (REACTIVE) MATERIALS**

The SFM proposes to maintain the adoption Chapter 66 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 66 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[49]

**CHAPTER 67  
WATER-REACTIVE SOLIDS AND LIQUIDS**

The SFM proposes to maintain the adoption Chapter 67 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 67 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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**CHAPTERS 68 through 79  
RESERVED**

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**[50. The SFM proposes to adopt Chapter 80 with the following amendments and California regulations.]**

See item 63 for existing SFM amendments and California regulations that are brought forward without modification.

**CHAPTER 80  
REFERENCED STANDARDS**

The SFM proposes to adopt Chapter 80 with amendment and California regulation. See item 64 for additional amendments or building standards proposed for solar photovoltaic panel(s) or systems. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 80 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each adoption, amendment, or repeal is as follows:

**NFPA 2016 edition Standards**

**CAC recommendation:** The SFM informed the CAC that the 2016 NFPA standards have not been published or approved by the NFPA Standards Council. SFM stated that it is our intent to adopt the latest editions of the NFPA standards, if they are finalized by the Standards Council prior to the SFM's 45 day public comment period. If these standards are finalized prior to conclusion of the 45 day comment period, the SFM will adopt the 2016 edition NFPA Standards. SFM is in constant contact with NFPA regarding the topic. The CAC concurred with the SFM's course of action.

The following NFPA standards are proposed to the latest edition:

**NFPA**

- 37 Not current edition. Document has completed revision cycle and updated to the 2015 edition.
- 54 Not current edition. Document has completed revision cycle and updated to the 2015 edition.

**NFPA 13, 13D, 13R, 14, 20, 22, 24, 31, 51A, 52, 55, 59A, 61, 72, 80, 82, 99, 101, 105, 110, 111, 120, 204, 211, 241, 260, 261, 289, 318, 385, 409, 495, 498, 505, 654, 703, 720, 1122, 1127, 2001**

**Rationale:** SFM is proposing to repeal existing CA amendments to adopt the most recent code editions. This edition of the IBC/IFC is adopting the most recent code editions that are the same or newer than previous CA adopted

editions.

The model code adoption years changed in the 2015 IBC; changes in IBC/IFC reflect the adoption years that CA amendments previously adopted.

**NFPA 2, 92, 400**

**Rationale:** SFM is proposing to repeal existing CA amendments to adopt additional codes. This edition of the IBC/IFC is adopting previous codes that were not adopted in previous editions.

**CAC recommendation/response:** The SFM spoke with the BFO CAC regarding the adoption of the 2016 NFPA standards. If they are finalized by NFPA's Standards Council prior to and/or during the 45-day comment period, then the SFM will adopt them. The CAC supported the adoption of the newest standards if timing permits. The SFM is actively working with NFPA to help ensure that we will be able to adopt as many of the most recent editions as possible.

The SFM proposes to only adopt Sections 1103.7, 1103.7.3, 1103.7.3.1, 1103.7.8 – 1103.7.8.2, 1103.7.9 – 1103.7.9.10, 1103.8 – 1103.8.5.3 and 1106 of Chapter 11 pursuant to Health and Safety Code Sections 13108, 13113, 13114, 13131.5, 13143, 13143.6, 17921 and 18949.2 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 4 without modification.

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[51]

**APPENDIX CHAPTER 4 [SFM]  
SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY**

The SFM proposes to maintain the adoption Appendix Chapter 4 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Appendix Chapter 4 without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

**435.8.7 Floor separation**

**Rationale:** SFM is proposing to add language to clarify that the section shall only be applied when non-ambulatory clients are housed above the first floor. Currently, this section would apply in all R-3.1 regardless if there were no non-ambulatory clients or if non-ambulatory clients were only housed on the first floor. This new proposal will clarify the code and will set criteria on when the floor separation is required.

**Sections 436, 452, 455**

**Rationale:** SFM is proposing to duplicate language from Chapter 4 of the CBC into the CFC Appendix Chapter 4. This will aid the code user in finding reference material from chapter 4 of the CBC within the CFC. No change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[52]

**APPENDIX A  
BOARD OF APPEALS**

The SFM proposes to not adopt Appendix A.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[53]

**APPENDIX B  
FIRE-FLOW REQUIREMENTS FOR BUILDINGS**

The SFM proposes to maintain the adoption Appendix B without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Appendix B without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2010 California Fire Code for adoption into the 2013 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[54]

**APPENDIX BB [SFM]  
FIRE-FLOW REQUIREMENTS FOR BUILDINGS**

The SFM proposes to maintain the adoption Appendix BB without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Appendix BB without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The specific purpose and rationale of each adoption, amendment, or repeal is as follows:

**BB105.1**

**Rationale:** The SFM is proposing to add clarifying language to ensure that when the GPM reduction is applied, that 1,500 GPM is minimum allowed flow. This will ensure that the fire flow will always be at least 1,500 GPM.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[55]

**APPENDIX C  
FIRE HYDRANT LOCATIONS AND DISTRIBUTION**

The SFM proposes to maintain the adoption Appendix C without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Appendix C without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[56]

**APPENDIX CC [SFM]  
FIRE HYDRANT LOCATIONS AND DISTRIBUTION**

The SFM proposes to maintain the adoption Appendix CC without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Appendix C without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2013 California Fire Code for adoption into the 2016 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[57]

**APPENDIX D  
FIRE APPARATUS ACCESS ROADS**

**APPENDIX E  
HAZARD CATEGORIES**

**APPENDIX F  
HAZARD RANKING**

**APPENDIX G  
CRYOGENIC FLUIDS—WEIGHT AND VOLUME EQUIVALENTS**

The SFM proposes to not adopt Appendix D through G.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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[58]

**APPENDIX H**  
**~~HAZARDOUS MATERIALS MANAGEMENT PLAN (HMMP) AND~~**  
**~~HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS)~~**  
**INSTRUCTIONS**

**(Note: This IFC appendix chapter will not be printed in the California Fire Code.)**

The SFM proposes to not adopt Appendix H (see item 59 for Appendix H).

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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**[59]**

**APPENDIX H**  
**HAZARDOUS MATERIALS MANAGEMENT PLANS AND**  
**HAZARDOUS MATERIALS INVENTORY STATEMENTS**  
**(See Sections 5001.5.1 and 5001.5.2)**

The SFM proposes to maintain the adoption Appendix H without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Appendix H without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2010 California Fire Code for adoption into the 2013 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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**[60]**

**APPENDIX I**  
**FIRE PROTECTION SYSTEMS—UNSAFE CONDITIONS**

**APPENDIX J**  
**BUILDING INFORMATION SIGN**

The SFM proposes to not adopt Appendix I and J.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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**[61]**

**APPENDIX K**  
**HAUNTED HOUSES, GHOST WALKS, and SIMILAR AMUSEMENT USES**

The SFM proposes to maintain the adoption Appendix K without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Appendix H without modification.

(Note: See Part 2 [item 64] of this document for existing California amendments brought forward from the 2010 California Fire Code for adoption into the 2013 California Fire Code without change except for nonsubstantive editorial corrections.)

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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### **[62. Incorporation and correlation of NFPA 130 Standard for Fixed Guideway Transit and Passenger Rail Systems into the California Codes]**

**Rationale:** Changes to the CFC represent changes made in the CBC. The SFM proposed to adopt NFPA 130 to replace a majority of its amendments located within CBC Section 443. The changes made in Part 62 are correlating the changes made to the CBC to the CFC.

#### **Section 903**

**Rationale:** Section remained unchanged with an editorial change in section name. No change in regulatory effect.

#### **Section 905**

**Rationale:** OSFM is proposing to clarify the standpipe requirements. The previous requirements were not up to current NFPA 14 requirements and industry standard. The PSI and GPM requirements will now be based on NFPA 14 requirements. A class I standpipe system is now being allowed instead of a class III system. A Class III System provides 1 1/2 in. hose stations to supply water for use by trained personnel and 2 1/2 in. hose connections to supply a larger volume of water for use by fire departments. A Class I system only provides a 2 1/2 in. connections to supply water for use by fire departments. Finally, OSFM is adding clarifying language.

#### **Section 907**

**Rationale:** Section remained unchanged with an editorial change in section name. No change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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### **[63. OSHPD/SFM I-2 Updates]**

SFM is moving the following code changes forward on behalf of OSHPD.

#### **905.7.2**

**Rationale:** SFM is proposing to add a provision that would allow standpipe cabinets to be locked in mental health and psychiatric areas of Group I-2 occupancies. Allowing psychiatric patients to have access to hose cabinets could pose a ligature hazard, could result in tampering with the fire protection equipment rendering it inoperable and could also be used by patients as weapons against facility staff. Staff are required to be in possession of keys at all times which gives them immediate access to the equipment in the event of an emergency.

#### **906.1**

**Rationale:** SFM is proposing to add an additional location where fire extinguishers are required. This language is necessary to correlate provisions in Section 407.2.6.

#### **906.2**

**Rationale:** SFM is proposing to add a provision that would allow fire extinguishers in mental health and psychiatric areas of Group I-2 occupancies to be located in staff locations. Allowing psychiatric patients to have access to fire extinguishers could result in tampering with the fire protection equipment rendering it inoperable and could also be used by patients as weapons against facility staff. Staff would also have immediate access to the equipment in the event of an emergency.

#### **907.5.2.3**

**Rationale:** SFM is proposing to not adopt a model code provision allowing visible notification appliances to be omitted in critical care areas of Group I-2 occupancies. This conflicts with other provisions that allow visible notification devices to be allowed in lieu of audible devices in patient areas. Critical care areas consist of ICUs, CCUs, NICUs and operating rooms. Providing audible devices in these areas have shown to adversely affect newborn and premature babies; when a procedure is underway in an operating room, it is not always possible for a surgeon to immediately respond to a fire alarm located elsewhere within the building; often the procedure must continue unabated or, at best, be brought to a point where the procedure can be safely delayed without placing the patient in undue peril. Since the potential for distracting the surgeon is high when the fire alarm activates, possibly resulting in harmful outcomes, locating the audible notification appliance within the operating room is not recommended. Typically, the omission of audible devices and the installation of visible devices is the preferred means of notification in operating rooms and NICUs.

#### **909.5.3, 909.5.3.1**

**Rationale:** SFM is proposing to amend model code to coordinate and clarify the requirements for openings in smoke barriers. Section 407.5 references Section 716.5.3 for protection of openings in smoke barriers, and 716.5.3 references Section 907.5; however the sections conflict with one another, do not address special requirements for power-operated horizontal sliding fire doors and do not address provisions in Chapter 10 for doors in a means of egress. This proposal also coordinates a Life Safety Code provision that requires all smoke barrier doors to close whenever any smoke barrier doors are closed by the activation of the fire alarm system.

#### **1003.3.1**

**Rationale:** SFM is proposing to amend model code to prohibit protruding objects on ceilings of I-2 and I-2.1 occupancies that are provided with smoke barriers. Passive smoke control where patients are relocated from one smoke compartment to another require additional volume and capacity at ceilings to accommodate smoke intrusion during movement. Signs, soffits and other protruding objects that would be permitted to reduce the ceiling volume by 50% would cause the smoke compartments where patients are relocated to fill with smoke faster, potentially requiring additional vertical relocation or evacuation to the exterior of the building, placing patients at further risk.

#### **1010.1.1, 1011.2**

**Rationale:** SFM is proposing to amend model code to change references from 'litter' patients to 'stretcher' patients as the term litter is not used anymore.

#### **1010.1.2**

**Rationale:** SFM is proposing to carry forward and amend an existing amendment relating to pivot or balanced doors in Group I-2 and I-2.1 occupancies. Panic hardware is required on all egress doors in I-2 and I-2.1 occupancies serving an occupant load of 50 or more. Panic hardware on balanced doors and pivot doors is not practical, particularly where bed and stretcher patients are moved through the openings or where opening forces are limited.

#### **1010.1.10**

**Rationale:** SFM is proposing to amend model code to coordinate changes to the California Electrical Code that require panic hardware on doors to electrical rooms with equipment rated 800 amperes or more.

#### **1016.2**

**Rationale:** SFM is proposing to amend model code to prohibit exit access through elevator lobbies for Group I-2 and I-2.1 occupancies. Elevator lobbies are a component of passive smoke control and smoke compartmentation; lobbies are required to prevent smoke from migrating to other floors from the floor of fire origin, however some floors are not required to be provided with lobbies, assuming smoke will be contained in lobbies on the other floors. Passing patients through or relocating patient to elevator lobbies will expose them to products of combustion and could be detrimental to patients with compromised respiratory systems.

SFM is also proposing to relocate exception 6 to exception 3 allowing locked doors in the means of egress for detention and correctional facilities.

#### **1020.1**

**Rationale:** SFM is proposing to amend model code to clarify that an automatic sprinkler system is not required for existing healthcare facilities containing care suites.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2013 International Building Code and published as the 2016 California Building Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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**\*\*PART 2\*\***

[64]

The SFM proposes to bring forward previously existing California building standards or amendments, which represent no change in their effect from the 2013 California Fire Code and is displayed for context and for the convenience of code users. Furthermore, the SFM proposes to codify non-substantive editorial and formatting amendments from the format based upon the 2012 International Fire Code to the format of the 2015 International Fire Code.

**CHAPTER 1**

**SCOPE AND ADMINISTRATION**

**DIVISION I  
CALIFORNIA ADMINISTRATION**

**SECTION 1.1  
GENERAL**

**1.1 – 1.1.12**

The SFM is proposing to maintain the adoption of those existing California regulations contained Sections 1.1 through 1.1.12 without modification.

**SECTION 1.11  
OFFICE OF THE STATE FIRE MARSHAL**

**1.11 – 1.11.10**

The SFM is proposing to maintain the adoption of those existing California regulations contained Sections 1.11 through 1.11.10 without modification.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Building Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

**DIVISION II  
SCOPE AND ADMINISTRATION**

The SFM proposes to maintain the Division II designation for the IBC Chapter 1 Administrative provisions - Sections 101 through 113.

**102.3  
102.4**

**102.5  
Table 105.6.21**

**105.6.49**

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

**CHAPTER 2  
DEFINITIONS**

### **201.3**

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

### **202 Definitions**

**AGED HOME OR INSTITUTION**  
**ASSEMBLY**  
**BEDRIDDEN PERSON**  
**BUILDING**  
**CARE AND SUPERVISION**  
**CATASTROPHICALLY INJURED**  
**CELL**  
**CELL COMPLEX**  
**CELL TIERS**  
**CHARTER SCHOOL**  
**CHILD-CARE CENTER**  
**CHILD OR CHILDREN**  
**CHRONICALLY ILL**  
**CLINIC-OUTPATIENT**  
**COMMUNITY CARE FACILITY**  
**CONGREGATE LIVING FACILITIES**  
**CONGREGATE RESIDENCE**  
**COURTROOM DOCK**  
**COURTHOUSE HOLDING FACILITY**  
**DAY-CARE**  
**DAY-CARE HOME, FAMILY**  
**DAY-CARE HOME, LARGE FAMILY**  
**DAY-CARE HOME, SMALL FAMILY**  
**DAY ROOM**  
**DETENTION ELEVATOR**  
**DETENTION TREATMENT ROOM**  
**DETOXIFICATION FACILITIES**  
**DIRECT ACCESS**  
**ENFORCING AGENCY**  
**FIRE APPLIANCE**  
**FOSTER FAMILY HOME**  
**FULL-TIME CARE**  
**GROUP HOME**  
**HIGH-RISE BUILDING**  
**Existing high-rise structure**  
**High-rise structure**  
**New high-rise Building**  
**New high-rise structure**  
**HOLDING FACILITY**  
**HOSPITALS AND PSYCHIATRIC HOSPITALS**  
**HOUSING UNIT**  
**INFANT**  
**LABORATORY**  
**LISTED**  
**LABORATORY SUITE**  
**LODGING HOUSE**  
**MEMBRANE STRUCTURE**  
**NON-ACCESSIBLE AREA**

**NONAMBULATORY PERSONS  
NONCOMBUSTIBLE  
NURSING HOMES**

**OCCUPANCY CLASSIFICATION**

Assembly Group A  
Assembly Group A-1  
Assembly Group A-2  
Assembly Group A-3  
Assembly Group A-4  
Assembly Group A-5  
Business Group B  
Group C (Camps, Organized)  
Educational Group E  
Factory Industrial Group F  
Factory Industrial F-1 Moderate-hazard occupancy  
Factory Industrial F-2 Low-hazard Occupancy  
High-hazard Group H  
High-hazard Group H-1  
High-hazard Group H-2  
High-hazard Group H-3  
High-hazard Group H-4  
High-hazard Group H-5  
Institutional Group I  
Institutional Group I-2  
Institutional Group I-2.1  
Institutional Group I-3  
Condition 1  
Condition 2  
Condition 3  
Condition 4  
Condition 5  
Condition 6  
Condition 7  
Condition 8  
Institutional Group I-4  
Group L Laboratories  
Residential Group R  
Residential R-1  
Residential R-2  
Residential R-2.1  
Residential R-3  
Residential R-3.1  
Residential Group R-4  
PERMANENT PORTABLE BUILDING  
PERSONAL CARE SERVICE  
PROTECTIVE SOCIAL CARE FACILITY  
RELOCATABLE BUILDING (PUBLIC SCHOOL)  
RESIDENTIAL CARE FACILITY FOR THE CHRONICALLY ILL (RCF/CI)  
RESIDENTIAL CARE FACILITY FOR THE ELDERLY (RCFE)  
RESIDENTIAL FACILITY (RF)  
RESTRAINT  
SECURE INTERVIEW ROOMS  
SPRAY ROOM  
STATE-OWNED/LEASED BUILDING  
TEMPORARY HOLDING CELL, ROOM or AREA  
TEMPORARY HOLDING FACILITY  
TENABLE ENVIRONMENT  
TENT.  
TERMINALLY ILL  
WAITING ROOM

### WINERY CAVES

The above definitions as amended or definitions containing California regulations are brought forward without modification. Editorial and formatting revisions have been made that relocated the above definition from other chapters to chapter 2 due to the restructuring of the model code provisions. There is no change in regulatory effect.

**Assembly Group A-5-** The Fixed guideway transit systems and Subterranean spaces for winery facilities in natural or manmade caves are existing state amendment and was never intended to be repealed in the 2013 or 2015 CBC and CFC. An error occurred during the drafting of the 2013 codes and was not found and is being reinstated.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

### CHAPTER 3 GENERAL REQUIREMENTS

301.1	308.1.1	311.3
304.1	308.3	313.1
304.1.2	308.5	316.4
304.1.3	310.2	319
304.3	310.3	319.1
306.1	311.1.1	

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

### CHAPTER 4 EMERGENCY PLANNING AND PREPAREDNESS

401.3.4	403.13.1	404.6.3.1
401.9	403.13.2	404.6.3.1.2
403.5.1	403.13.3	404.6.4
403.5.1.1	404.5	404.6.5
403.5.2	404.6	404.6.5.1
403.5.3	404.6.1	404.6.5.1.2
403.5.4	404.6.1.2	404.6.5.1.3
403.10.2.1	404.6.2	404.6.6
403.10.2.1.2	404.6.2.1	Table 405.2
403.10.2.1.3	404.6.2.2	
403.13	404.6.3	

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

#### 403.5, 404.1, 404.2.2, 404.5.1, 405.2

**Rationale:** The SFM proposes to place relevant CCR, Title 19, Division I, sections within Chapter 4 for user convenience. The following new Sections or amendments have no change in regulatory effect.

#### 403.10.2.1.1

**Rationale:** The SFM proposes to copy existing amendments to section. Model code changed separating Group E and College and University Pre-Fire Planning. This amendment copied over from Section 403.5.1.1(Group E Emergency Pre-Fire Planning).

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

## CHAPTER 5 FIRE SERVICE FEATURES

503.1.1	507.3	508.1
503.2	507.5	508.1.2
503.5.2	507.5.1	508.1.6
504.4	507.5.3	508.1.7
507.2.1		

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

### 504.1

**Rationale:** The SFM proposes to place relevant CCR, Title 19, Division I, section within Chapter 5 for user convenience. The following new Sections or amendments have no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

## CHAPTER 6 BUILDING SERVICES AND SYSTEMS

603.1	604.2.7	606.4.
603.1.2	604.2.9	606.7
603.2	604.2.13	606.8
603.3	604.2.14.1	606.9
603.3.2.4	604.2.14.1.1	606.16
603.4.	604.2.14.1.3	607.1
603.5	604.2.14.3	607.4
603.5.2	604.2.16	607.5
603.6.1	605.3	607.6
604.1	605.4	607.9
604.1.2	605.9	608.4
604.1.4	605.11	608.6.1
604.1.4.1	605.11.1.2	608.8
604.1.7	606.1	609.1
604.2.2	606.2	
604.2.6	606.3	

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

### 603.8

**Rationale:** The SFM proposes to place relevant CCR, Title 19, Division I, sections within Chapter 6 for user convenience. The following new Sections or amendments have no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

## CHAPTER 7 FIRE-RESISTANCE-RATED CONSTRUCTION

**701.1**

**704.1**

**705.1**

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

## CHAPTER 8 INTERIOR FINISH, DECORATIVE MATERIALS AND FURNISHINGS

**801.1**

**806.2**

**807.5.3.1**

**802.1**

**807.3**

**807.5.3.2**

**803.1**

**807.4**

**807.5.3.3**

**803.5**

**807.5**

**807.5.3.4**

**803.8.1**

**807.5.1.2**

**807.5.7**

**803.8.2**

**807.5.1.5**

**807.5.7.1**

**803.11**

**807.5.1.5.1**

**808.1**

**803.11.1**

**807.5.3**

**808.2**

**804.1**

**804.3.3.2**

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

**803.5**

**Rationale:** The SFM proposes to place relevant CCR, Title 19, Division I, section within Chapter 8 for user convenience. The following new Sections or amendments have no change in regulatory effect.

**807.5.3, 807.5.3.1, 807.5.3.2, 807.5.3.3, 807.5.3.4**

**Rationale:** SFM proposes not to adopt I-2 occupancy conditions. In doing so, SFM proposes to delete all I-2 Condition 1 from the CBC/CFC. SFM finally proposes to adopt call I-2 Condition 2 as the standard for all I-2s. Also, OSFM is changing I-1 to R-2.1.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

CHAPTER 9  
FIRE PROTECTION SYSTEMS

901.4.1	905.4	907.2.26.4.1
901.4.2	905.5	907.2.26.4.2
901.4.3	906.2.1	907.2.27
901.6	906.3	907.2.28
901.6.1	Table 906.3(1)	907.2.28.1
Table 901.6.1	906.3.2	907.2.29
901.6.2	Table 906.3(2)	907.2.29.1
901.7	906.3.4	907.2.29.2
902.1	906.4	907.2.29.3
903.2.	906.5	907.2.29.4
903.2.1.2	906.7	907.3.
903.2.1.3	906.8	907.3.1
903.2.3	907.1.2	907.3.2.
903.2.4.1	907.1.3	907.3.2.1
903.2.5.2	907.1.4	907.3.2.2
903.2.5.4	907.1.5	907.3.2.3
903.2.6	907.2	907.3.2.4
903.2.6.1	907.2.1.	907.3.3
903.2.6.2	907.2.1.1	907.4.1
903.2.7	907.2.1.3	907.4.2.1
903.2.8.1	907.2.2	907.4.2.2
902.2.8.4	907.2.2.2	907.4.2.7
903.2.9.1	907.2.3	907.5.2.1.3
903.2.10	907.2.3.1	907.5.2.2
903.2.11.4	907.2.3.2	907.5.2.3.1
Table 903.2.11.6	907.2.3.3	907.5.2.3.2
903.2.13	907.2.3.4	Table 907.5.2.3.2
903.2.14.	907.2.3.5	907.5.2.3.3
903.2.14.1	907.2.3.6	907.5.2.3.4
903.2.14.2	907.2.3.6.1	907.5.2.4
903.2.15	907.2.3.6.2	907.5.2.5
903.2.15.1	907.2.3.7	907.6
903.2.16	907.2.3.8	907.6.1
903.2.16.1	907.2.3.8.1	907.6.1.1
903.2.17.1	907.2.3.8.2	907.6.4
903.2.17.2	907.2.5.1	907.6.4.1
903.2.17.2.1	907.2.6.	907.6.4.1.1
903.2.17.2.2	907.2.6.1	907.6.4.2
903.2.17.2.3	907.2.6.1.1	907.6.4.3
903.2.17.2.4	907.2.6.2	907.6.4.4
903.2.17.2.5	907.2.6.2.1	907.6.6
903.2.17.2.6	907.2.6.2.2	907.6.6.3
903.2.18	907.2.6.3	909.1
903.2.19	907.2.6.3.3	909.2
903.2.19.1	907.2.6.3.4	909.3
903.2.19.1.1	907.2.7	909.4.3
903.2.19.1.2	907.2.9	909.5
903.3	907.2.9.1	909.5.3.1
903.3.1.1	907.2.9.4	909.5.3.2
903.3.1.1.1	907.2.9.4.1	909.10.2
903.3.1.2	907.2.11	909.10.5
903.3.2	907.2.11.1	909.11
903.3.5	907.2.11.2	909.11.1
903.3.9	907.2.11.2.1	909.16
903.4.2	907.2.11.2.2	909.16.1
903.4.3	907.2.11.2.3	909.16.3
904.1	907.2.11.5	919.18.8
904.2.2	907.2.11.6	909.18.9

<b>904.3.1</b>	<b>907.2.11.8</b>	<b>909.12.2</b>
<b>904.5</b>	<b>907.2.13</b>	<b>911.2.</b>
<b>904.6</b>	<b>907.2.13.1</b>	<b>912.4</b>
<b>904.7</b>	<b>907.2.13.1.2</b>	<b>912.6</b>
<b>904.7.1</b>	<b>907.2.18.</b>	<b>912.7</b>
<b>904.8</b>	<b>907.2.21</b>	<b>909.13.1</b>
<b>904.8.1</b>	<b>907.2.24</b>	<b>913.5</b>
<b>904.9</b>	<b>907.2.24.1</b>	<b>913.6</b>
<b>904.9.1</b>	<b>907.2.24.2</b>	<b>914.1</b>
<b>904.10</b>	<b>907.2.24.3</b>	<b>914.2.1</b>
<b>904.10.1</b>	<b>907.2.24.4</b>	<b>914.3</b>
<b>904.11.1.3</b>	<b>907.2.24.4.1</b>	<b>914.3.1</b>
<b>904.12</b>	<b>907.2.24.4.2</b>	<b>914.3.1.1</b>
<b>904.12.5</b>	<b>907.2.24.4.3</b>	<b>914.3.1.2</b>
<b>904.12.5.2</b>	<b>907.2.25</b>	<b>914.3.1.2.1</b>
<b>904.12.6</b>	<b>907.2.25.1</b>	<b>914.3.8</b>
<b>905.2</b>	<b>907.2.25.2</b>	<b>914.3.8.1.</b>
<b>905.3</b>	<b>907.2.26.1</b>	<b>914.3.8.2.</b>
<b>905.3.1</b>	<b>907.2.26.2</b>	<b>914.5.3.</b>
<b>905.3.9</b>	<b>907.2.26.3</b>	<b>Table 914.8.3</b>
<b>905.3.10</b>	<b>907.2.26.4</b>	<b>914.10</b>

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**914.3.2-** The 100 GPM provision is existing state amendment and was never intended to be repealed in the 2013 or 2015 CBC and CFC. An error occurred during the drafting of the 2013 codes and was not found and is being reinstated.

**909.12 and 909.12.1**

**Rationale:** The SFM is proposing amendment to relocate existing amendment from 909.12 to 909.12.1. The model code language divided the section into two. There is no change in regulatory effect.

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**CHAPTER 10  
MEANS OF EGRESS**

<b>1001.1</b>	<b>1010.1.4.3</b>	<b>1020.5</b>
<b>1002</b>	<b>1010.1.4.4.1</b>	<b>1020.5.1</b>
<b>1003.1</b>	<b>1010.1.7</b>	<b>1020.6</b>
<b>1003.2</b>	<b>1010.1.8</b>	<b>1021.1</b>
<b>1003.3</b>	<b>1010.1.9.1</b>	<b>Table 1021.1</b>
<b>1003.3.3.1</b>	<b>1010.1.9.6</b>	<b>1021.2</b>
<b>1003.3.4</b>	<b>1010.1.9.10</b>	<b>1021.2.2</b>
<b>1003.5</b>	<b>1010.1.9.11</b>	<b>1023.2</b>
<b>1004.1</b>	<b>1010.1.9.12</b>	<b>1023.3.1</b>
<b>1004.3</b>	<b>1010.1.11</b>	<b>1023.4</b>
<b>Table 1004.1.2</b>	<b>1011.5.2</b>	<b>1023.5</b>
<b>1004.4</b>	<b>1011.6</b>	<b>1023.6</b>
<b>1005.3.2</b>	<b>1011.12.2</b>	<b>1023.7</b>
<b>1005.7.1</b>	<b>1011.11</b>	<b>1023.9</b>
<b>1005.7.2</b>	<b>1012.6.3</b>	<b>1023.9.1</b>
<b>1006.2.1</b>	<b>1013.1</b>	<b>1023.11</b>
<b>Table 1006.2.1</b>	<b>1013.2</b>	<b>1023.11.1</b>

1006.2.2.3	1013.4	1023.11.2
1006.2.2.4	1013.7	1024.2
1006.2.2.6	1013.8	1024.3
Table 1006.3.2(1)	1014.1	1024.5
Table 1006.3.2(2)	1014.8	1024.6
1008.2	Table 1015.1	1026.2
1009.1	1015.2	1026.3
1009.2	1015.2.1	1026.4
1009.3	1015.2.2	1028.1
1009.4	1015.3	1028.5
1009.5	1015.4	1029.1
1009.6.3	1016.2.2	1029.2
1009.6.4	Table 1017.2	1029.3
1009.7.2	1018.1	1029.3.1
1009.8.1	1018.3	1029.6.4
1009.8.2	1019.3	1029.9.1
1009.10	1019.4	1029.14
1009.12	Table 1020.1	1030.1
1010.1.1	Table 1020.2	1030.4
1010.1.1.1	1020.4	1031.1

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#### 1004.3

**Rationale:** The SFM is directing user to CCR, Title 19, Division I which regulates the posting of Room Capacity.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

## CHAPTER 11 CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS

1101.2	1103.7.9.3	1103.8.5.
1101.3	1103.7.9.4	1103.8.5.1
1103.7	1103.7.9.5	1103.8.5.2
1103.7.3	1103.7.9.6	1103.8.5.3
1103.7.3.1	1103.7.9.7	1104.5
1103.7.8	1103.7.9.8	1104.17
1103.7.8.1	1103.7.9.9	Table 1104.18
1103.7.8.2	1103.7.9.10	1107
1103.7.9	1103.8.2	1107.1
1103.7.9.1	1103.8.3	
1103.7.9.2	1103.8.4	

#### Sections 1113, 1114, 1115, 1116

Relocated provisions from the 2013 California Building Code, Chapter 34 Sections 3414-3426 are renumbered to 1114-1126 herein. Renumbering the sections in such a manner will keep the last two section digits of relocated sections consistent with the previous code section for ease of the code user. The italicized text are existing California amendments to be carried forward from the previously adopted 2013 California Building Code, Chapter 34.

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

**CHAPTERS 12 through 19  
RESERVED**

**CHAPTER 20  
AVIATION FACILITIES**

<b>2004.6</b>	<b>2007.1</b>	<b>2007.4</b>
<b>2006.17</b>		

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

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**CHAPTER 21  
DRY CLEANING**

<b>2101.1.1</b>	<b>2104.2.1</b>	<b>2107.1</b>
<b>2103.3</b>	<b>2105.3</b>	

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

**CHAPTER 22  
COMBUSTIBLE DUST-PRODUCING OPERATIONS**

**CHAPTER 23  
MOTOR FUEL-DISPENSING FACILITIES AND REPAIR GARAGES**

<b>2301.1</b>	<b>2308.3.1</b>	<b>2309.6.1.2.4</b>
<b>2301.4</b>	<b>2308.8.1.2.4</b>	<b>2309.6.2</b>
<b>2301.5</b>	<b>2309.2.3</b>	<b>2310.1</b>
<b>2301.6</b>	<b>2309.3.1.1</b>	<b>2311.1</b>
<b>2303.1</b>	<b>2309.3.1.2</b>	<b>2311.2.3</b>
<b>2303.1.1</b>	<b>2309.3.1.5</b>	<b>2311.3.1</b>
<b>2305.4</b>	<b>2309.3.1.5.1</b>	<b>2311.4.1</b>
<b>2306.7.6</b>	<b>2309.3.2</b>	<b>2311.4.3</b>
<b>2308.3</b>	<b>2309.6.1.2.3</b>	<b>2311.7.1</b>

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated

specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

#### **CHAPTER 24 FLAMMABLE FINISHES**

<b>2403.2.1</b>	<b>2404.3.1</b>	<b>2404.7.2</b>
<b>2403.2.1.1</b>	<b>2404.3.2.6</b>	<b>2404.9.4</b>
<b>2403.2.1.4</b>	<b>2404.3.3</b>	<b>2405.2</b>
<b>2403.2.5</b>	<b>2404.6.1.2.2</b>	<b>2407.2</b>
<b>2404.2</b>	<b>2404.7</b>	

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

#### **CHAPTER 25 FRUIT AND CROP RIPENING**

##### **2504.5**

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

#### **CHAPTER 26 FUMIGATION AND THERMAL INSECTICIDAL FOGGING**

#### **CHAPTER 27 SEMICONDUCTOR FABRICATION FACILITIES**

<b>2701.1</b>	<b>2703.7.1.</b>	<b>2704.3.1.</b>
<b>2701.4.</b>	<b>2703.7.2</b>	<b>2705.2.3.2</b>
<b>2703.2.2</b>	<b>2703.7.3</b>	<b>2705.2.3.1</b>
<b>2703.3.1</b>	<b>2703.10.4</b>	<b>2705.3.1</b>
<b>2703.3.2</b>	<b>2703.14</b>	<b>2705.3.2.1</b>
<b>2703.3.3</b>	<b>2703.14.1</b>	<b>2705.3.3</b>
<b>2703.3.4</b>	<b>2703.14.2</b>	
<b>2703.3.8</b>	<b>2703.15.1</b>	

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated

specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

## **CHAPTER 28 LUMBER YARDS AND WOODWORKING FACILITIES**

<b>2803.1</b>	<b>2803.3</b>	<b>2803.4</b>
<b>2803.2</b>		

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

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## **CHAPTER 29 MANUFACTURE OF ORGANIC COATINGS**

<b>2904.1.</b>	<b>2909.2.</b>	<b>2909.6.</b>
<b>2905.1</b>	<b>2909.4.</b>	

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## **CHAPTER 30 INDUSTRIAL OVENS**

<b>3001.1</b>	<b>3004.1</b>	<b>3006.3</b>
<b>3003.1</b>	<b>3004.2</b>	

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## **CHAPTER 31**

### TENTS, CANOPIES AND OTHER MEMBRANE STRUCTURES

<b>3101.1</b>	<b>3104.3</b>	<b>3104.15.7</b>
<b>3101.2</b>	<b>3104.4</b>	<b>3104.16.1</b>
<b>3101.3</b>	<b>3104.5</b>	<b>3104.17.2</b>
<b>3103.8.2</b>	<b>3104.6</b>	<b>3104.20</b>
<b>3103.8.4.</b>	<b>3104.7</b>	<b>3104.21</b>
<b>3103.9.1</b>	<b>3104.12</b>	<b>3104.22</b>
<b>3103.12.6.1</b>	<b>3104.13</b>	<b>3104.23</b>
<b>3104.1</b>	<b>3104.15.1</b>	
<b>3104.2</b>	<b>3104.15.2</b>	

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### CHAPTER 32 HIGH-PILED COMBUSTIBLE STORAGE

<b>3201.3</b>	<b>3206.3.2.1</b>	<b>3207.2</b>
<b>Table 3206.2</b>	<b>3206.3.2.2</b>	<b>3208.2</b>
<b>3206.3.1</b>	<b>3206.8</b>	

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### CHAPTER 33 FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION

<b>3303.1</b>	<b>3304.7</b>	<b>3314.1</b>
<b>3303.3</b>	<b>3306.2.1</b>	

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### CHAPTER 34 TIRE REBUILDING AND TIRE STORAGE

<b>3401.1</b>	<b>3405.4.</b>	<b>3406.1</b>
<b>3403.1</b>	<b>3405.7</b>	<b>3408.1</b>
<b>3404.2</b>	<b>3405.8</b>	<b>3408.2</b>
<b>3405.1</b>	<b>3405.9</b>	

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### **CHAPTER 35 WELDING AND OTHER HOT WORK**

#### **3506.4**

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

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### **CHAPTER 36 MARINAS**

### **CHAPTER 37 COMBUSTIBLE FIBERS**

<b>3703.5</b>	<b>3704.4</b>	<b>3704.5</b>
<b>3704.3</b>		

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### **CHAPTERS 38 through 4947 RESERVED**

### **CHAPTER 48 MOTION PICTURE AND TELEVISION PRODUCTION STUDIO SOUND STAGES, APPROVED PRODUCTION FACILITIES, AND PRODUCTION LOCATIONS**

#### **4801 through 4811.15**

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated

specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

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#### **CHAPTER 49 REQUIREMENTS FOR WILDLAND-URBAN INTERFACE FIRE AREAS**

##### **4901 through 4907.1**

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

**4905.2-** Editorial change with no change in regulatory effect.

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#### **CHAPTER 50 HAZARDOUS MATERIALS—GENERAL PROVISIONS**

<b>5001.2.2.1</b>	<b>5003.8.5.2</b>	<b>5003.10.4.2</b>
<b>5001.5.1</b>	<b>5003.8.6.2</b>	<b>5003.10.4.3</b>
<b>Table 5003.1.1(2)</b>	<b>5003.8.7.1</b>	<b>5003.10.4.4</b>
<b>5003.2.2.2</b>	<b>5003.9.4</b>	<b>5004.2.2.6</b>
<b>5003.2.8</b>	<b>5003.9.9</b>	<b>5004.3.1</b>
<b>5003.7.3</b>	<b>5003.10</b>	<b>5004.7</b>
<b>5003.8.1</b>	<b>5003.10.2</b>	<b>5004.13</b>
<b>Table 5003.8.2</b>	<b>5003.10.2.1</b>	<b>5005.1.5</b>
<b>5003.8.3.1</b>	<b>5003.10.2.2</b>	<b>5005.2</b>
<b>5003.8.4.1</b>	<b>5003.10.4</b>	<b>5005.3.9</b>
<b>5003.8.4.2</b>	<b>5003.10.4.1</b>	

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#### **CHAPTER 51 AEROSOLS**

##### **5101.1**

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### **CHAPTER 53 COMPRESSED GASES**

<b>5303.7.6</b>	<b>5303.16.9</b>	<b>55305.7</b>
<b>5303.8.</b>	<b>5303.16.11</b>	<b>306.2</b>
<b>5303.16.1</b>	<b>5303.16.14</b>	<b>5306.2.1</b>
<b>5303.16.2</b>	<b>5305.5</b>	<b>5306.2.2</b>

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### **CHAPTER 54 CORROSIVE MATERIALS**

#### **5404.2.1**

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### **CHAPTER 55 CRYOGENIC FLUIDS**

<b>5503.1.2</b>	<b>5504.2.1.2</b>	<b>5505.4.1</b>
<b>5503.5.2</b>	<b>5504.2.1.3</b>	<b>5505.4.1.1</b>
<b>5503.6</b>	<b>5504.2.2.2</b>	
<b>5503.6.2</b>	<b>5504.2.2.3</b>	

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### **CHAPTER 56 EXPLOSIVES AND FIREWORKS**

**CHAPTER 57  
FLAMMABLE AND COMBUSTIBLE LIQUIDS**

<b>5701.1</b>	<b>5704.2.8.17</b>	<b>5705.3.7.3</b>
<b>5701.3</b>	<b>5704.2.9.2.2</b>	<b>5705.3.7.4</b>
<b>5703.1</b>	<b>5704.2.9.3</b>	<b>5705.3.7.5.1</b>
<b>Table 5703.1.1</b>	<b>5704.2.9.4</b>	<b>5706.2</b>
<b>5703.1.3</b>	<b>5704.2.9.6.1</b>	<b>5706.2.3</b>
<b>5703.6.1</b>	<b>5704.3.3.5</b>	<b>5706.2.4.4</b>
<b>5704.2.1</b>	<b>5704.3.7.1</b>	<b>5706.2.8</b>
<b>5704.2.7.7</b>	<b>5704.3.8</b>	<b>5706.4.1</b>
<b>5704.2.8.1</b>	<b>5705.3.4</b>	<b>5706.4.4</b>
<b>5704.2.8.2</b>	<b>5705.3.5.3</b>	<b>5706.5.1.11</b>
<b>5704.2.8.9</b>	<b>5705.3.7.1</b>	
<b>5704.2.8.12</b>	<b>5705.3.7.2</b>	

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**CHAPTER 58  
FLAMMABLE GASES AND FLAMMABLE CRYOGENIC FLUIDS**

<b>5801.4</b>	<b>5803.1.5.1</b>	<b>5806.4.3</b>
<b>5803.1.5</b>	<b>5806.2</b>	

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**CHAPTER 59  
FLAMMABLE SOLIDS**

<b>5906.2.2</b>	<b>5906.4.2</b>	<b>5906.5.6</b>
<b>5906.2.3</b>	<b>5906.5.5</b>	

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**CHAPTER 60  
HIGHLY TOXIC AND TOXIC MATERIALS**

<b>6003.1.3</b>	<b>6004.2.2.7</b>	<b>6005.3.2</b>
<b>6003.1.4.2</b>	<b>6004.2.2.8</b>	
<b>6003.2.3.2</b>	<b>6005.3.1</b>	

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**CHAPTER 61  
LIQUEFIED PETROLEUM GASES**

<b>6101.1</b>	<b>6103.2.1.7</b>	<b>6109.11.2</b>
<b>6103.1</b>	<b>6103.3</b>	
<b>6103.2.1.4</b>	<b>6104.2</b>	

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**CHAPTER 62  
ORGANIC PEROXIDES**

**6204.1.2.**

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**CHAPTER 63  
OXIDIZERS, OXIDIZING GASES AND OXIDIZING CRYOGENIC FLUIDS**

**6306.4**

The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

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#### **CHAPTER 64 PYROPHORIC MATERIALS**

##### **6404.1.4.**

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#### **CHAPTER 65 PYROXYLIN (CELLULOSE NITRATE) PLASTICS**

#### **CHAPTER 66 UNSTABLE (REACTIVE) MATERIALS**

##### **6604.1**

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#### **CHAPTER 67 WATER-REACTIVE SOLIDS AND LIQUIDS**

#### **CHAPTERS 68 through 79 RESERVED**

#### **CHAPTER 80 REFERENCED STANDARDS**

##### **ASME**

A17.1/CSA B44—09  
*BPE – 2009*

##### **FM**

3260—00  
3011—99  
4430-80

##### **ICC**

ICC/ANSI A117.1—09  
ICC 300—12

##### **SFM**

SFM 12-3  
SFM 12-7-3  
SFM 12-7A-1  
SFM 12-7A-2  
SFM 12-7A-3  
SFM 12-7A-4  
SFM 12-7A-4A  
SFM 12-7A-5  
SFM 12-8-100  
SFM 12-10-1  
SFM 12-10-2

<del>IBC—15</del>	SFM 12-10-3
<del>IEBC-15</del>	
<del>IFGC—15</del>	<b>UL</b>
<del>IMC—15</del>	13-96
<del>IPC—15</del>	38-99
<del>IPMC—15</del>	193-04
<del>IRC—125</del>	199-95
ICC ES AC 331	217-06
ICC ES AC77	228-97
<del>WUIC—12</del>	260-04
	262-04
<b>NFPA</b>	268A-98
13—13	312-04
13D—13	346-05
13R—13	464-03
14—13	497B-04
24—13	521-99
25—06 CA	539-00
32—07	632-00
37—10	753-04
54—15	791-06
72—13	813-96
2001—15	864-03

The above reference standards as amended or reference standards containing California regulations are brought forward without modification. There is no change in regulatory effect.

#### **NFPA 32**

**Rationale:** Adding clarifying language. The previous amendments were showing items struck out in the express terms and therefore not printed in the CBC/CFC. Editorial language added to make previous conditions clear so that code user will know what items in the model code is removed.

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### **APPENDIX CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY**

#### **435 through 435.10**

The above Appendix containing California regulations are brought forward without modification. There is no change in regulatory effect.

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### **APPENDIX B FIRE-FLOW REQUIREMENTS FOR BUILDINGS**

#### **B104.2 through B106**

The above Appendix containing California regulations are brought forward without modification. There is no change in regulatory effect.

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rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

**APPENDIX BB [SFM]  
FIRE-FLOW REQUIREMENTS FOR BUILDINGS**

**BB101 through BB105.1**

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**APPENDIX C  
FIRE HYDRANT LOCATIONS AND DISTRIBUTION**

**C101.1**

The above Appendix containing California regulations are brought forward without modification. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

**APPENDIX CC [SFM]  
FIRE HYDRANT LOCATIONS AND DISTRIBUTION**

**CC101 through CC105.2**

The above Appendix containing California regulations are brought forward without modification. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

**APPENDIX H  
HAZARDOUS MATERIALS MANAGEMENT PLAN (HMMP) AND  
HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS)  
INSTRUCTIONS**

**(Note: IFC Appendix Chapter H not to be printed in the California Fire Code.)**

**APPENDIX H  
HAZARDOUS MATERIALS MANAGEMENT PLANS AND  
HAZARDOUS MATERIALS INVENTORY STATEMENTS  
(See Sections 5001.5.1 and 5001.5.2)**

The above Appendix containing California regulations are brought forward without modification. There is no change in regulatory effect.

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale for these actions is to establish minimum requirements for the prevention of fire and for the protection of life

and property against fire and panic in occupancies that are addressed in the 2015 International Fire Code and published as the 2016 California Fire Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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#### **TECHNICAL, THEORETICAL, AND EMPIRICAL STUDY, REPORT, OR SIMILAR DOCUMENTS:**

The SFM did not rely on any technical, theoretical, and empirical study, report, or similar documents outside of those contained in this rulemaking in proposing that CBSC adopt said model code as a reference standard for the placement of existing SFM regulatory amendments for the California Building Standards Codes.

#### **STATEMENT OF JUSTIFICATION FOR PRESCRIPTIVE STANDARDS:**

The SFM believes that the amendments to the model code any additional building standards proposed are offered in typically both a prescriptive and performance base. The nature and format of the model code adopted by reference afford for both methods, the following is an general overview of the model codes proposed to be adopted by reference as well as state modifications:

This comprehensive fire code establishes minimum regulations for fire prevention and fire protection systems using prescriptive and performance-related provisions. It is founded on broadbased principles that make possible the use of new materials and new system designs.

This code is founded on principles intended to establish provisions consistent with the scope of a building and fire code that adequately protects public health, safety and welfare; provisions that do not unnecessarily increase construction costs; provisions that do not restrict the use of new materials, products or methods of construction; and provisions that do not give preferential treatment to particular types or classes of materials, products or methods of construction.

The International Building, Residential and Fire Code provisions provide many benefits, among which is the model code development process that offers an international forum for building and fire safety professionals to discuss performance and prescriptive code requirements. This forum provides an excellent arena to debate proposed revisions. This model code also encourages international consistency in the application of provisions.

#### **CONSIDERATION OF REASONABLE ALTERNATIVES**

The SFM has determined that no alternative considered would be more effective in carrying out the purpose for which the regulation is proposed or would be as effective and less burdensome to affected private persons than the proposed adoption by reference with SFM amendments. Therefore, there are no alternatives available to the SFM regarding the proposed adoption of this code.

#### **REASONABLE ALTERNATIVES THE AGENCY HAS IDENTIFIED THAT WOULD LESSEN ANY ADVERSE IMPACT ON SMALL BUSINESS.**

The SFM has determined that no alternative available that would be more effective in carrying out the purpose for which the regulation is proposed or would be as effective and less burdensome to affected private persons than the proposed adoption by reference with SFM amendments. Therefore, no alternatives have been identified or that have otherwise been identified and brought to the attention of the SFM that would lessen any adverse impact on small business.

#### **FACTS, EVIDENCE, DOCUMENTS, TESTIMONY, OR OTHER EVIDENCE OF NO SIGNIFICANT ADVERSE IMPACT ON BUSINESS.**

The SFM has made an determination that this proposed action will not have a significant adverse economic impact on business. Health and Safety Code Section 18928 requires the SFM, when proposing the adoption of a model code, national standard, or specification shall reference the most recent edition of the applicable model code, national standard, or specification. Therefore, there are no other facts, evidence, documents, testimony, or other evidence on which the SFM relies to support this rulemaking.

**ASSESSMENT OF EFFECT OF REGULATIONS UPON JOBS AND BUSINESS EXPANSION, ELIMINATION OR CREATION**

(Government Code Sections 11346.3(b)(1) and 11346.5(a)(10))

The Office of the State Fire Marshal has assessed whether or not and to what extent this proposal will affect the following:

- The creation or elimination of jobs within the State of California.

These regulations will not affect the creation, or cause the elimination, of jobs within the State of California.

- The creation of new businesses or the elimination of existing businesses within the State of California.

These regulations will not affect the creation or the elimination of existing business within the State of California.

- The expansion of businesses currently doing business with the State of California.

These regulations will not affect the expansion of businesses currently doing business within the State of California.

- The benefits of the regulation to the health and welfare of California residents, worker safety, and the state's environment.

These regulations will update and improve minimum existing building standards, which will provide increased protection of public health and safety, worker safety and the environment.

**ESTIMATED COST OF COMPLIANCE, ESTIMATED POTENTIAL BENEFITS, AND RELATED ASSUMPTIONS USED FOR BUILDING STANDARDS**

The OSFM does not anticipate a cost of compliance with most of the proposed building standards, however, clear benefits are included in the purpose and rationale and further noted below. Comments provided during the CAC brought up concerns about the OSFM's existing statements. The following is an updated justification. Items proposed in this rulemaking provide the following:

- Items 1, 2, 3, 7, 9, 10, 11, 16, 51 are proposals that add clarity to existing regulations, correct publication errors and missing standards adopted, repeal state amendments that are now part of the model code, and correlate Title 24 with statute. No cost of compliance associated, benefit is provided by having clear, concise, complete and update text of the regulations and standards.
- Group I-2 Occupancy Conditions will not be proposed to not be adopted by the SFM. SFM is maintaining the 2013 CBC/CFC requirements for I-2. Maintaining the existing provision will have no cost of compliance associated with it.
- Item 10 (Large Family Day Care) will have a cost of \$520 to \$680 plus permit fees. By requiring a listed fire alarm and pull station there will be no confusion in how to activate the fire alarm, nor

there be confusion on the sound coming from the fire alarm. Several AHJ's across the state are already requiring a listed pull station and listed fire horn/bell.

- Item 10- Carbon Monoxide Detection requirements are being co-adopted with HCD. HCD is taking the lead on this adoption. For estimate cost, please refer to HCD's ISOR.
- Items 33 and 38 provides for the cleanup of primarily Chapter 56 on Explosives of Fireworks. The chapter will now include state, federal, and model code language and requirements. No cost for implementation because the new language is consistent with existing state and nationally recognized standards.
- Item 62 provides for the adoption of NFPA 130 will provide current standards for the design, construction and enforcement community for fixed guideway transit and passenger rail systems. Currently the majority of projects designed to the 2013 CBC Section 433 are using NFPA 130 by means of alternate means of protection or best engineering practices. The NFPA 130 adoption will provide for uniform design and enforcement, furthermore these nationally based standards will provide for the fire safety features currently implemented through alternates and nationally recognized standards.
- Item 63 are proposals that add clarity to existing regulations, and to correlate Title 24 with NFPA 101 for I-2s which must meet NFPA 101 for federal funding. No cost of compliance associated, benefit is provided by having clear, concise, complete and update text of the regulations and standards.

#### **DUPLICATION OR CONFLICTS WITH FEDERAL REGULATIONS**

The SFM has determined that this proposed rulemaking action does not unnecessary duplicate or conflict with federal regulations contained in the Code of Federal Regulations that address the same issues as this proposed rulemaking.