

**INITIAL STATEMENT OF REASONS**  
**FOR**  
**PROPOSED BUILDING STANDARDS**  
**OF THE**  
**OFFICE OF THE STATE FIRE MARSHAL**  
**REGARDING THE 2019 CALIFORNIA FIRE CODE,**  
**CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 9**  
**TRIENNIAL RULEMAKING CODE 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:**

(Government Code Section 11346.2(b)(1)) requires a statement of specific purpose of each adoption, amendment, or repeal and the problem the agency intends to address and the rationale for the determination by the agency that each adoption, amendment, or repeal is reasonably necessary to carry out the purpose and address the problem the agency intends to address for which it is proposed. The statement shall enumerate the benefits anticipated from the regulatory action, including the benefits or goals provided in the authorizing statute.)

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 regard 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 2018 International Building and Fire Codes and be published as the 2019 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 2016 California Fire Code which is based upon the 2015 International Building and Fire Codes of the International Code Council. This proposed action:

Repeal the adoption by reference of the 2015 International Building and Fire Codes and incorporate and adopt by reference in its place the 2018 International Building and Fire Codes for application and effectiveness in the 2019 California Fire Code.

Repeal certain amendments to the 2015 International Building and Fire Codes and/or California Building Standards not addressed by the model code that are no longer necessary.

Adopt new building standards or necessary amendments to the 2018 International Building and Fire Codes that address inadequacies of the 2018 International Building and Fire Codes as they pertain to California laws.

Bring forward previously existing California building standards or amendments, which represent no change in their effect from the 2016 California Fire Code.

Codify non-substantive editorial and formatting amendments from the format based upon the

2015 International Building and Fire Codes to the format of the 2018 International Building and Fire Codes.

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**NOTE OF EXPLANATION:**

For the **2018 Triennial Code Adoption Cycle**, the Express Terms are displayed as follows:

- \*\*PART 1\*\*** Includes the California Amendments SFM proposes to bring forward from the 2016 California Fire Code **with changes** as shown, and also identifies the model code standards from the 2018 International Fire Code SFM proposes for adoption into the 2019 California Building Code.
- \*\*PART 2\*\*** Displays the standards SFM proposes to bring forward from the 2016 California Fire Code **without change**, except for non-substantive editorial corrections, for adoption into the 2019 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 2016 California Fire Code for adoption into the 2019 California Fire Code **with editorial updates and errata**.
2. Adopt standards from the 2018 International Fire Code into the 2019 California Fire Code **without amendment**.
3. Adopt standards from the 2018 International Fire Code into the 2019 California Fire Code **with amendment**.
4. Repeal 2016 California Amendments, which are not brought forward into the 2019 California Fire Code.

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

1. Bring forward existing California Amendments from the 2016 California Fire Code for adoption into the 2019 California Fire Code **without amendment**.
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**\*\*PART 1\*\***

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**[Item 1] California amendment updates and errata by chapter**

The SFM proposes to adopt Chapter 1 with amendment, editorial updates and errata. Item 1 is the editorial changes, including the editorial changes from the California Fire Code. There is no regulatory effect.

(Note: See Part 2 of this document for existing California amendments brought forward from the 2016 California Fire Code for adoption into the 2019 California Fire Code without change.)

**1.1.1**

**1.1.7.3 Conflicts**

**1.11.1 SFM—Office of The State Fire Marshal**

**1.11.6 Certificate of Occupancy**

~~105.6.4.1 Carbon dioxide enrichment systems~~

~~TABLE 105.6.9~~

**105.6.17 Flammable and combustible liquids**

~~105.6.50 Plant extraction systems~~

**105.6.51 Additional Permits**

~~105.6.502 Plant extraction systems~~

~~105.7.2 Battery systems~~

~~105.7.19 Gas detection systems~~

~~105.7.20 Plant extraction systems~~

**CARE AND SUPERVISION**

**COMMON USE [DSA-AC]**

**COMMUNITY CARE FACILITY**

**CONGREGATE LIVING HEALTH FACILITY (CLHF)**

~~[BG] CONGREGATE LIVING FACILITIES~~

**FIREWORKS**

~~FOSTER CARE FACILITIES~~

~~FOSTER FAMILY HOME~~

~~GAS DETECTION SYSTEM~~

**HIGH-RISE BUILDING**

~~LABORATORY SUITE~~

**Group C (CAMPS, ORGANIZED**

**Business Group B**

**Institutional Group I**

**308.3 Institutional Group I-2**

**308.3 Institutional Group I-2**

~~308.3.1 Occupancy conditions~~

~~308.3.1.1 Condition 1~~

~~308.3.1.2 Condition 2~~

**Five or fewer persons receiving care in a dwelling unit**

**Residential Group R-3**

~~310.4.1 Care facilities within a dwelling~~

**310.4.1 Residential Group R-3.1**

**Residential Group R-4**

~~310.5.1 Condition 1~~

~~310.5.2 Condition 2~~

**RESIDENTIAL CARE FACILITY FOR THE ELDERLY (RCFE)**

**SMALL MANAGEMENT YARD**

**WILDLAND URBAN INTERFACE AREA (WUI). [SFM]**

~~604.1.4.1 1203.1.5.1~~

**1203.2.6**

**1203.2.10**

**1204.1**

~~605.11.1~~

~~605.11.1.2.1~~

~~605.11.1.2.2~~  
~~605.11.1.2.2.1~~  
~~605.11.1.2.6~~  
~~605.11.3 1204.3~~  
~~605.11.3.1~~  
~~605.11.3.2~~  
~~605.11.3.3~~  
~~605.11.1.3.4~~  
~~1204.4~~  
~~605.8~~  
~~606.8.1~~  
~~605.13~~  
~~605.16~~  
~~606.17~~  
~~606.17.1~~  
~~606.17.2~~  
~~606.17.3~~  
~~Table 606.17.3~~  
~~606.17.4~~  
~~607.9 606.8.5~~  
~~SECTION 608 STATIONARY STORAGE BATTERY SYSTEMS~~  
~~SECTION 7058~~  
~~TABLE 903.2.11.6~~  
~~903.4.3~~  
~~905.3.1~~  
~~907.2.4312~~  
~~907.2.4312.1~~  
~~907.5.2.2~~  
~~907.6.4.2~~  
~~911.1~~  
~~904.12~~  
~~904.13~~  
~~907.2.5.1~~  
~~1019.3~~  
~~1023.2~~  
~~CHAPTER 38~~  
~~SECTION 5307~~  
~~SECTION 5707~~  
~~[Appendix 4] 435.3.3, 435.3.4, 435.8.7, SECTION 437, 455.8~~  
~~APPENDIX N-Q~~

**1.1.1**

**Rationale:** The SFM is proposing to repeal the adoption by reference of the 2016 International Fire Code and incorporate and adopt by reference in its place the 2018 International Fire Code for application and effectiveness in the 2019 California Fire Code. Furthermore, SFM is co-adopting updates to sections in Division I being proposed by BSC and HCD.

~~**105.6.4.1 Carbon dioxide enrichment systems**~~

**Rationale:** Deleting the California amendment and adopting model code language

~~**TABLE 105.6.9**~~

**Rationale:** Deleting the California amendment and adopting model code language

**105.6.17 Flammable and combustible liquids**

**Rationale:** Deleting the California amendment and adopting model code language

~~**105.6.50 Plant extraction systems**~~

~~**105.6.51 Additional Permits**~~

**Rationale:** Deleting the California amendment and adopting model code language

**~~105.7.2 Battery systems~~**

**Rationale:** Deleting the California amendment and adopting model code language

**~~105.7.19 Gas detection systems~~**

**Rationale:** Deleting the California amendment and adopting model code language

**~~105.7.20 Plant extraction systems~~**

**Rationale:** Deleting the California amendment and adopting model code language

**CARE AND SUPERVISION**

**Rationale:** Adding numbers for clarification and code user ease.

**COMMON USE [DSA-AC]**

**Rationale:** Specify that the term is only intended for DSA-AC use and does not apply to other sections of the code where common use is used by other agencies.

**COMMUNITY CARE FACILITY**

**Rationale:** Removing Foster care from the list to assist the code user from confusion of other regulations that are printed in other titles.

**CONGREGATE LIVING HEALTH FACILITY (CLHF)**

**Rationale:** Update from statute

**~~[BG] CONGREGATE LIVING FACILITIES~~**

**Rationale:** Not applicable for California

**FIREWORKS**

**Rationale:** Update HSC code section reference

**~~FOSTER CARE FACILITIES~~**

**Rationale:** Definition no longer required for Title 24

**~~FOSTER FAMILY HOME~~**

**Rationale:** Definition no longer required for Title 24

**~~GAS DETECTION SYSTEM~~**

**Rationale:** Deleting the California amendment and adopting model code language

**HIGH-RISE BUILDING**

**Rationale:** Updating the definition to correlate with California Health and Safety Code deflection

**~~LABORATORY SUITE~~**

**Rationale:** Deleting model code definition as it is already a California definition for group L occupancy

**Group C (CAMPS, ORGANIZED)**

**Rationale:** Adding a pointer to the California Building Code for special occupancy regulations.

**Business Group B**

**Rationale:** Updated code section

**Uses other than Group H**

**Rationale:** The proposal to delete the language is consistent with the proposal to not adopt the model code language for higher education laboratories.

**Institutional Group I**

**Rationale:** Deleting I-1 which is not applicable for California

**308.3 Institutional Group I-2**

**Rationale:** Removing Foster care from the list to assist the code user from confusion of other regulations that are printed in other titles.

**308.3.1 Occupancy conditions**

**Rationale:** Not applicable for California

**308.3.1.1 Condition 1**

**Rationale:** Not applicable for California

**308.3.1.2 Condition 2**

**Rationale:** Not applicable for California

**604.2.2**

**Rationale:** Deleting the California amendment and adopting model code language found in 1203.2.6

~~604.2.2, 604.2.9, 605.11, 605.11.1, 605.11.1.2, 605.11.1.2.1, 605.11.1.2.2, 605.11.1.2.2.1, 605.11.1.2.6, 605.11.3, 605.11.3.1, 605.11.3.2, 605.11.3.3, 605.11.3.4, 605.11.4~~

**Rationale:** Deleting the California amendment and adopting model code language

~~606.8, 606.8.1~~

**Rationale:** Deleting the California amendment and adopting model code language

~~606.8, 606.8.1, 606.13, 606.16, 606.17, 606.17.1, 606.17.2, 606.17.3, Table 606.17.3, 606.17.4~~

**Rationale:** Deleting the California amendment and adopting model code language

~~607.9~~ 606.8.5

**Rationale:** Renumbering to fit into model code.

~~SECTION 608 STATIONARY STORAGE BATTERY SYSTEMS~~

**Rationale:** Deleting the California amendment and adopting model code language in chapter 12

~~SECTION 7058, TABLE 903.2.11.6, 903.4.3, 905.3.1, 907.2.4312, 907.2.4312.1, 907.5.2.2, 907.6.4.2, 911.1, 904.12, 904.13, 907.2.5.1, 1019.3, 1023.2~~

**Rationale:** Errata, correlation with California Building Code, no regulatory changes.

~~CHAPTER 38~~

**Rationale:** Deleting the California amendments and adopting model code language, which has been relocated to Chapter 39

~~SECTION 5307~~

**Rationale:** Deleting the California amendments for section 5307 and adopting model code language

~~SECTION 5707~~

**Rationale:** Deleting the California amendments for section 5307 and adopting model code language

[Appendix 4] ~~435.3.3, 435.3.4, 435.8.7, SECTION 437, 455.8~~

**Rationale:** Errata, no regulatory changes.

~~APPENDIX N-Q~~

**Rationale:** Move the current California amendments to a new Appendix Letter O

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

## **[Item 2] Carbon Monoxide**

**915.1**  
**915.2.3**  
**915.4.2**  
**1103.9**  
**1103.9.1**

**Rationale:** The proposals are to provide clarity and enact the regulations that are consistent with the statute found in Education Code 32080. UL 2034 is a standard for residential detectors and this provides clarity.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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## **[Item 3] Tanks in Underground Areas Only**

**5703.6.2.2**

**5703.6.2.2**

**Rationale:** The OSFM is proposing the above modifications based on the recommendation of the Aboveground Petroleum Storage Act Advisory Committee. In the 2016, intervening cycle (supplement), there was an editorial error to the exceptions for Section 5703.6.2.2. The indentation of the exceptions was aligned to item 4 of Section 5703.6.2.2, which made it seem applicable to item 4 only. However, the exceptions are applicable to the entire provision of Section 5703.6.2.2.

Additional language is proposed to reduce confusion and provide clarification, so that the exceptions to Section 5703.6.2.2 are not misinterpreted.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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## **[Item 4] Fire Command Center**

**508.1.2**  
**911.1.2**

**Rationale:** The model code lowered the fire protection of the fire command center to one hour. The proposal is to maintain the existing standard of two-hour protection to maintain a safe level of protection for the fire service during a fire event.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

## [Item 5] L- Occupancy Work Group

### **LABORATORY SUITE. [SFM]**

#### **Uses other than Group H**

**903.2.16**

**903.2.16.1**

**903.2.5.4**

**907.2.28**

**907.2.28.1**

**907.6.4**

**TABLE 1004.5**

**TABLE 1006.2.1**

**TABLE 1006.3.3(2)**

**Table 5003.1.1 (1)**

**Table 5003.1.1 (2)**

**Rationale:** The OSFM is proposing the above modifications based on the recommendation of the L-Occupancy Taskforce. The taskforce changes update the regulations to match changes that have occurred in the model code and to provide clarity in the regulations.

Here are the justifications that the taskforce provided for the changes in the sections:

**LABORATORY SUITE. [SFM]** Adding clarity for the code user that the term laboratory suite is used for group L occupancy.

**Uses other than Group H** The proposal to delete the language is consistent with the proposal to not adopt the model code language for higher education laboratories.

**903.2.16** Revised to clarify that only the "L" Occupancy portions of a floor are required to be designed with a higher sprinkler density, and the remainder of the building shall be designed in accordance with the nature of the hazard imposed by the occupancy and consistent with NFPA 13.

**903.2.16.1** Revised for consistency in Code.

**903.2.5.4** Revised for consistency in Code.

**907.2.28** *This is same wording as the sprinkler requirements in Section 903.2.16*

**907.2.28.1** Revised for consistency in Code.

**907.6.4** Revised for consistency in Code.

**TABLE 1004.5** Add for clarification the intent of the code

**TABLE 1006.2.1** Common Path of Travel for "L" Occupancies was not addressed in this Table or in the referenced Section 453.6.1. (Section 453.6.1 only addresses maximum occupant load)

**TABLE 1006.3.3(2)** Common Path of Travel for "L" Occupancies was not addressed in this Table. This needs to be changed in conjunction with proposed change to Table 1006.2.1.

**Table 5003.1.1 (1)** The addition of a pointer to the California Building Code for Group L occupancies is proposed to be added since the special provisions for L occupancies are found in the California Building Code.

**Table 5003.1.1 (2)** The addition of a pointer to the California Building Code for Group L occupancies is proposed to be added since the special provisions for L occupancies are found in the California Building Code.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.



**[Item 6] Higher Education Laboratories**

**HIGHER EDUCATION LABORATORY  
LABORATORY SUITE  
Uses other than Group H  
5003.8.3 Control areas  
~~2702.2.17 Laboratory suites~~**

**Rationale:** The OSFM is proposing to remove Chapter 38 in its entirety until it can be evaluated for its allowance of hazardous material in high-rises and how this affects the Group L occupancy. California currently has the Group L occupancies that addresses the issues of laboratories in high-rises and it does not restrict the occupancy to higher education. The adoption of chapter 38 can create conflict in the regulations and terminology for Group L and Higher Education Laboratories. The fire service has voiced concern on how these new regulations will affect the state. The OSFM will create a taskforce to evaluate the impact of the regulations and to make recommendations to the Office of the State Fire Marshal.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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**[Item 7] Gaseous H2 Fueling**

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**105.6.17.1**

**HYDROGEN-FUELED VEHICLES**

**MOBILE FUELING**

**ROADSIDE HYDROGEN SERVICE VEHICLES**

**5801.1 Scope**

**5809.1 General**

**5809.1.1 Approval required**

**5809.2 Roadside service vehicles**

**5809.3 Required Documents**

**5809.3.1. Safety and emergency response plan**

**5809.3.2. Standard operating procedures**

**5809.3.3 Training records**

**5809.3.4 Site plan**

**5809.4 Mobile hydrogen fueling areas**

**5809.4.1 Prohibited locations**

**5809.4.2 Separation**

**5809.4.3 Sources of ignition**

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**5809.5.2 Dispensing hose**

**5809.5.3. Hose reel**

**5809.5.4 Pressure limit**

**5809.6 Operations**

**5809.6.1 Attendance**

**5809.6.2 Bonding cable**

**5809.6.3 Positioning of fueling vehicle**

**5809.6.4 Brakes**

**5809.6.5 Fire extinguisher**

### **5809.6.6 Emergency communication device**

**Rationale:** The OSFM is proposing the above modifications based on the recommendation of the Gaseous Hydrogen Taskforce. The industry proposed regulations for mobile fueling with gaseous hydrogen to the Office of the State Fire Marshal. A taskforce was assembled to consider what regulations would be appropriate.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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### **[Item 8] I-3 Occupancy**

**804.3.3.1**

**804.3.3.2**

**804.3.3.3**

**905.3.10**

**Table 1004.5**

**Rationale:** The OSFM is proposing the above modifications based on the recommendation of the I-3 Work Group.

**804.3.3.1, 804.3.3.2 and 804.3.3.3** are proposes to allow Class A or Class I floor coverings in patient areas. This is need to meet the requirements for health care facilities while still maintaining a level of fire safety.

#### **[905.3.10]**

**Rationale:** The proposal is to clarify where the standpipes are required, which is within the housing unit and housing pod. The reference to a cell complex is irrelevant to the requirement. The proposal is to clarify the definitions to match the 2016 intervening code cycle addition.

#### **[Table 1004.5]**

**Rationale:** Table 1004.5 establishes minimum occupant densities based on the function or actual use of the space. The table presents the maximum floor area allowance per occupant based on studies and counts of the number of occupants in typical buildings. If it is intended that the occupant load will exceed that calculated in accordance with the table, then the occupant load is to be based on the estimated actual number of people, but not to exceed the maximum allowance in accordance with Section 1004.2. In determining the occupant load of a building with mixed groups, each floor area of a single occupancy must be separately analyzed, such as required by section 1004.4. The table 1004.5 presents a method of determining the absolute minimum occupant load of a space that the means of egress is to accommodate. The proposal to include detention facility spaces that are typically within a Group I-3 building. The occupant load factor numbers proposed are based on the stereotypical configuration of these spaces. For example, the dining area within a detention facility most closely resembles an assembly space with tables and chairs. The code user is conflicted between applying the assembly space provisions within a detention facility because it will not meet the remaining requirements of an assembly, because the doors for the exits are secured. The intent of the proposal is to give the code user a tool for calculating the number of required exits within a detention facility that may not otherwise be clear.

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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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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## [Item 9. Business Areas]

### 1004.5

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

#### 1004.5

**Rationale:** The model code has increased the occupant load factor for business use areas from 100 gross to 150 gross in the International building code. The fire code Table 1004.5 maintained the 100-gross occupant load factor. The SFM proposed to maintain the 100-gross factor as it appears to be a Typo within the International Building code. This increase allows for less occupants per square footage, which in turn reduces the amount of required exits from a space. The proposed change to keep the current occupant load factor for business use in buildings will maintain the required exits. In addition, the new design requirements will greatly limit the available use of conference room areas or assembly use spaces in existing buildings. The SFM would recommend not adopting the model code provision for all business use areas. Maintaining the 100-gross occupant load factor for all business use areas in buildings and structures within the state ensures fire, life and panic safety pursuant to Health and Safety Code 13110.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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## [Item 10. Stairway Capacity]

### 1005.3.1

### 1005.3.2

The OSFM is proposing to remove California amendment exception #5.

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

#### 1005.3.1, 1005.3.2

**Rationale:** The SFM amendment in this section dates to 2001. The Initial Statement of Reasons for the amendment states that intent of the regulations is to require a .3 inch per person factor for the stairways and .2 for other egress components. This does not allow the exemption for sprinklers which are already required for assembly occupancies. There have been editorial changes to correlate with the changes in the model code. The current California amendment references section 1029. The model code removed the reference to stairs for section 1029, so the amendment is confusing. The removal of California amendment in exception #5 and adding "A" in exception #1 in both sections provides consistency with the intent of the amendment and provides clarity.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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## [Item 11. Class A Wiring in High Rise Buildings]

### 907.6.1.1

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

#### 907.6.1.1

**Rationale:** SFM is modifying #1 in this existing amendment based on recommendations from the OSFM Fire Alarm Advisory Committee.

This modification will now only require Class A circuits for fire alarm “riser circuits” in high-rise buildings, and not fire alarm circuits on floors throughout the building. SFM feels that the existing provisions of the amendment requiring Class A fire alarm circuits throughout all floors of high-rise buildings is overly restrictive when combined with the circuit and pathway requirements contained in the 2016 Edition of NFPA 72 National Fire Alarm and Signaling Code. “Class X Circuits” are being added to the existing amendment as a design option, where the fire alarm designer and building owner would like to use circuit isolators for the riser circuits installed in accordance with NFPA 72. Class X fire alarm circuits meet all the requirements of Class A circuits.

**CFC 907.6.1.1 / CBC 907.6.1.1** SFM is modifying this section in this existing amendment.

This modification will now only require Class A or Class X circuits for fire alarm network communication circuits between multiple control units in high-rise buildings.

SFM feels that the existing provisions of the amendment requiring Class A fire alarm circuits throughout all floors of high-rise buildings is overly restrictive when combined with the circuit and pathway survivability requirements contained in the 2016 Edition of NFPA 72 *National Fire Alarm and Signaling Code*. “Class X Circuits” are being added to the existing amendment as a design option, where the fire alarm designer and building owner would like to use circuit isolation for network communication circuits between multiple control units. Class X fire alarm circuits meet all the requirements of Class A circuits. Exceptions 1 & 2 are being deleted for correlation to the revisions of 907.6.1.1.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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### [Item 12. NFPA 13 Waterflow test]

#### NFPA 13-2016 23.2.1.1\*

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

#### NFPA 13-2016 23.2.1.1\*

**Rationale:** The OSFM is proposing to amend NFPA 13 to require the waterflow test for designing a fire sprinkler system to be conducted within 6 months of plan review. New construction can affect the water flow supply by adding additional demands. A longer time that a flow test is valid does not capture other new project that have been built in the last year as the current regulation require. This change will provide more accurate design supply information for fire suppression systems. This will also correlate to many fire department current practices.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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### [Item 13. OSHPD I-2 and I-2.1

#### CARE SUITE NON-PATIENT-CARE SUITE 907.5.1

**907.5.2.2, Exception**

**907.5.2.5 Groups I-2 and I-2.1**

**909.5.3 Opening protection**

**909.5.3.1 Group I-2, I-2.1, R-2.1, and ambulatory care facilities**

**1006.2.1 Egress based on occupant load and common path of egress travel distance**

**TABLE 1006.2.1 notes**

**1008.3.2 Buildings**

**1010.1.1.1 Projections into clear width**

**1020.1 Construction**

**1024.6 Penetrations**

**NFPA 72-2016-23.8.1.2.1.1**

**1030.1 General**

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

**CARE SUITE**

**Rationale:** The SFM is clarifying that care suites occur in both Group I-2 and I-2.1 occupancies. The proposed SFM language coordinates with a SFM proposed change to CFC Section 202. There is no change in regulatory effect.

**NON-PATIENT-CARE SUITE**

**Rationale:** The SFM is providing a definition for suites in Group I-2 or I-2.1 occupancies used for administrative, business and professional offices. This definition accommodates SFM proposed requirements for these suites in Chapter 4. The proposed SFM language coordinates with a SFM proposed change to CFC Section 202.

**CHAPTER 9  
FIRE PROTECTION AND LIFE SAFETY SYSTEMS**

**907.5.1**

**Rationale:** The SFM is proposing language that prohibits the use of a fire alarm pre-signal feature in a Group I-2, I-2.1 or R-2.1 occupancy. Pre-signal, while not defined in the CFC or in NFPA 72, is described in NFPA 72, Sec. 23.8.1.1.2. A pre-signal feature is permitted to delay an alarm for a period of more than 1 minute or fail to activate an alarm without human action. Delaying activation of an alarm or failing to automatically activate an alarm in a Group I-2, I-2.1 or R-2.1 is unacceptable. The SFM proposed language is also proposed for CFC Section 907.5.1.

**907.5.2.2, Exception**

**Rationale:** The SFM is proposing language that requires a general occupant notification broadcast over a public-address system in Group I-2 and I-2.1 occupancies more than 75 feet above the lowest level of fire department access when audible fire alarms are not provided. The new language clarifies when notification using a public-address system is required and deletes Group R-2.1 occupancies from the exception. The SFM proposed language is also proposed for CFC Section 907.5.2.2, Exception.

**[907.5.2.5]**

**Rationale:** The SFM is proposing language that requires in Group I-2 and I-2.1 occupancies, an occupant notification broadcast over the public-address system in areas of Group I-2 or I-2.1 occupancies where audible fire alarms are not provided. The SFM proposed language is also proposed for CFC Section 907.5.2.5.

**[909.5.3]**

**Rationale:** The SFM is proposing to delete the description of smoke barrier opening protection as self-closing devices and automatic-closing devices. This eliminates confusion and aligns CBC requirements with IBC and IFC requirements for the protection of openings in smoke barriers. The openings addressed in the language include duct penetrations and transfer openings. Such devices are automatic-closing. The second sentence of Section 909.5.3 addresses doors separately. The proposed SFM change coordinates with a SFM proposed change to CFC Section 909.5.3. There is no change in regulatory effect.

**[909.5.3.1]**

**Rationale:** The SFM is proposing language that clarifies that pairs of smoke barrier doors installed across a corridor in a Group I-2 occupancy must be opposite swinging.

Sections 909.5.3, Exception 3 and 909.5.3.1 require that where a pair of opposite swinging doors are installed, they shall be in compliance with provisions identified in Section 909.5.3.1. There is, however; no location in the 2018 IBC where a pair of opposite swinging doors are required when such doors are installed across a corridor in a Group I-2.

The specific requirement for installing opposite swinging doors in a Group I-2 (Group I Division 1.1 at the time) across corridors at smoke barrier walls last appeared in the 1997 UBC/2001 CBC, Section 308.2.2.1.

NFPA 101-2012, Section 18.3.7.6(3) requires that in health care occupancies, smoke barrier doors installed across corridors shall be arranged so that each door swings in a direction opposite from the other.

Revising Section 909.5.3.1 to state that opposite swinging doors are required across corridors at smoke barrier walls eliminates any confusion in this regard and is consistent with the requirements of NFPA 101-2012. This revision coordinates with a proposed SFM amendment to Section 709.5.1.

SFM proposes to revise an incorrect reference to Section 716.2.6.5 to read Section 716.2.6.6.

This revision has a no cost impact. Opposite swinging doors are provided as a provision of NFPA 101 and have been provided as a continuation of the requirement as it was more clearly stated in the 2001 CBC. Omitting Group I-2.1, R-2.1 and ambulatory care facilities from the revised language results in a cost savings where pairs of opposite swinging doors are not required.

The SFM proposed language coordinates California Building Code requirements with Chapter 18 of NFPA 101-2012 and SFM proposed language in Section 709.5.1 and CFC Section 909.5.3.1. There is no change in regulatory effect.

## CHAPTER 10 MEANS OF EGRESS

### [1006.2.1, Exception 2]

**Rationale:** The SFM is proposing to amend language to clarify that two means of egress are required from Group I-2 sleeping rooms over 1,000 sq. ft. and other rooms over 2,500 sq. ft. as well as from care suites. The scope of the exception is revised to also include Group I-2.1 occupancies. This exception is a reference to means of egress requirements in Section 407.4. The proposed SFM change coordinates with a SFM proposed change to CFC Section 1006.2.1, Exception. There is no change in regulatory effect.

### [Table 1006.2.1, Note d]

**Rationale:** The SFM is proposing to amend language to note d of Table 1006.2.1 to clarify that Section 407.4 requirements for number of exits or exit accesses from rooms or spaces in Group I-2 and I-2.1 occupancies includes additional provisions unrelated to travel distance. The proposed SFM change coordinates with a SFM proposed change to CFC Table 1006.2.1, Note d. There is no change to regulatory effect.

### [1008.3.2]

**Rationale:** SFM proposes language to coordinate requirements for emergency lighting for a Group I-2 or I-2.1 exit discharge with the requirements of NFPA 101-2012.

Compliance with the provisions of NFPA 101-2012 is a requirement for licensing and accreditation of health facilities regulated or accredited by the Centers for Medicare & Medicaid Services (CMS), The Joint Commission (TJC) and the California Department of Public Health (CDPH), Licensing and Certification Program (L&C).

NFPA 101-2012, Section 7.9.1.1 and Section 7.9.1.2 require emergency lighting for the exit discharge only for designated stairs, ramps, aisles, walkways, and escalators leading to a public way. Additional information in the NFPA 101-2012, Annex Sec. A-7.9.1.1 further clarifies that emergency lighting provided outside the building may extend to either a public way or a distance away from the building that is considered safe; whichever is closest to the building being evacuated.

The proposed SFM change coordinates with a SFM proposed change to CFC Section 1008.3.2.

SFM proposed language requires emergency lighting for Group I-2 and I-2.1 exit discharge stairways, ramps, aisles, walkways and escalators leading to a public way or to a safe dispersal area. This language coordinates with NFPA 101-2012 requirements allowing for compliance during project design.

### [1010.1.1.1]

**Rationale:** The SFM proposes language to include exception 2 in Section 1010.1.1.1 prohibiting projections into the clear door width of doors in Group I-2 and I-2.1 occupancies used for bed and stretcher patients. Exception 2 was unintentionally omitted from the 2016 CBC. Exception 2 was published in the 2016 CFC Section 1010.1.1.1. Including

the proposed language corrects an error and coordinates the requirements of the CBC and CFC. There is no change in regulatory effect.

**[1020.1]**

**Rationale:** The SFM is proposing to amend exception 6 to add non-patient-care suites to suites in a Group I-2 or I-2.1 where a fire-resistance rated corridor is not required. This coordinates exception 6 with SFM proposed language permitting non-patient-care suites in Section 407.4.5. The proposed SFM change coordinates with a SFM proposed change to CFC Section 1020.1.

**[1024.6]**

**Rationale:** The SFM is proposing language amending item 1 to permit exit passageway penetrations for independent ventilation. This is consistent with similar provisions for interior exit stairways and ramps and is in accordance with Section 1024.7. The proposed SFM change coordinates with a SFM proposed change to CFC Section 1024.6.

## CHAPTER 80 REFERENCED STANDARDS

**[NFPA 72-2016 23.8.1.2.1.1]**

**NFPA 72-2016**

**23.8.1.2.1.1**

**Rationale:** The SFM is proposing language that prohibits the use of a positive alarm sequence for a patient room smoke detector in a Group I-2 or R-2.1 occupancy. A positive alarm sequence permits intervention within 15 seconds of an alarm and an additional 180 seconds to evaluate a condition and reset the system without activating an alarm. Delaying activation of an alarm activated in a Group I-2 or R-2.1 patient room is unacceptable.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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### **[Item 14. R-2.1 Emergency Escape and Rescue Openings**

**1030.1**

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

**[1030.1]**

**Rationale:** The Office of the State Fire Marshall is proposing modifications to the 2019 California Building Code, Section 1030.1 to meet the intent of the Health and Safety Code, Section 1531.15, which allows a secure perimeter to be maintained for Residential Care Facilities for the Elderly (RCFEs) housing residents with Alzheimer's Disease or other dementia. The 2019 California Building Code, Section 1030.1. is intended to define operational constraints for emergency egress openings required by Section 1030.1. However, in an RCFE, R-2.1 Occupancy Group serving residents with Alzheimer's Disease or other dementia, safety is being compromised because of the emergency egress openings required by CBC Section 1030.1. Emergency egress openings in the form of operable windows significantly elevates the risk to the safety and security of memory care residents living in an RCFE.

CBC, Section 1030.1. requires that resident sleeping room windows remain operable and completely openable, so residents may exit the building through the windows and at their own accord in the case of an emergency. Though appropriate for R-2 occupancies, this strategy relies on the resident or occupant being cognitively intact and possessing the judgment to act in an emergency. Non-ambulatory and/or Bedridden residents allowed to occupy an R-2.1 occupancy group are considered by the Code to not have the cognitive capacity and judgment to exit the building without assistance. The Code requires fire and life safety upgrades in R-2.1 Occupancies to protect non-ambulatory and bedridden residents, who reside within. Additionally, The Health and Safety Code, Section 1531.15 allows a secure

perimeter to be maintained for memory care residents. Emergency egress openings provide a breach in the secured perimeter.

Emergency egress openings required by CBC, Section 1030.1, are inappropriate for an RCFE serving memory impaired residents and should be revised to exclude the specific application to licensed RCFEs housing or serving residents with Alzheimer's Disease or other dementia. The current Code does not fully consider the implications caused by allowing a breach in the secure perimeter legislated to protect mentally frail residents living in an RCFE.

An operational constraint, which restricts the window opening in sleeping rooms is allowable in R-1 Occupancy Groups irrespective of construction type. The fire and life safety requirements for R-1 Occupancy Groups and building standards are less stringent than those required by R-2.1.

Section 1030.1 should be revised to specifically include the application to licensed residential care buildings housing residents with Alzheimer's Disease or other dementia. The Code has failed to fully consider the implications caused by allowing a breach in the secure perimeter protecting mentally frail residents living in a residential care facility. Allowing the window openings to be limited to 4" will significantly reduce the risk of elopement or fall related injury to RCFE residents.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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**[Item 15. R-2.2 based on SB112]**

**Community Correctional Reentry Centers - California Department of Corrections and Rehabilitation (CDCR Residential Group R-2.2 (CDCR Only)**

**Residential Group R-3**

**804.3.3.2**

**906.1**

**907.2.9**

**907.2.10.2**

**907.2.12.1.2**

**907.5.2.3.3**

**1005.7.1**

**Table 1006.2.1**

**Table 1006.3.3(2)**

**1008.2**

**1010.1.2**

**1011.11**

**1019.3**

**1020.4**

**1027.6**

**1030.1**

This is to meet the requirements of the Legislature for SB 112 to create Community Correctional Reentry Centers - California Department of Corrections and Rehabilitation (CDCR) - community-located facilities that provide housing and transitional rehabilitative or community-based programming services for ambulatory inmates. CDCR Program services assist with substance use disorder treatment, employment, education, family reunification, and social support. Program participants remain under the jurisdiction of CDCR, are monitored by CDCR staff and supervised by CDCR approved/contracted program providers 24/7. The facilities include residential living, food services, administrative and program functional spaces in a non-licensed 24 hr.

[from SB 112 approved by Governor, September 28, 2017. Filed with the Secretary of State September 28, 2017.]  
SEC. 7. Section 13143.7 is added to the Health and Safety Code, to read:

13143.7

(a) Except as provided in Section 18930, the State Fire Marshal, in consultation with the Department of



Corrections and Rehabilitation, shall prepare and adopt regulations establishing minimum standards for the prevention of fire and for the protection of life and property against fire in any building or structure used or intended for use as a community correctional reentry facility, as defined in Section 6258 of the Penal Code. The State Fire Marshal shall adopt and submit building standards for approval pursuant to the provisions of Chapter 4 (commencing with Section 18935) of Part 2.5 of Division 13 for the purposes described in this section.

(b) The regulations and building standards developed pursuant to subdivision (a) shall also address buildings and structures that provide residential housing for parolees under contract with the Department of Corrections and Rehabilitation.

Fire Protection enhanced features include:

CDCR Reentry facilities are supervised and monitored by CDCR custody and program staff 24/7

Daily operations include an onsite electronic surveillance (CCTV) system, cameras cover public areas within the building and its perimeter.

Facility is protected with NFPA 13 automatic fire suppression system with quick response heads.

There is an NFPA 72 compliant automatic fire alarm & smoke detection system reporting to a U.L. listed Central station. There is a manual pull station at the continuously manned Watch Office for non-fire emergencies.

There are at least 2 smoke compartments on each story/floor area delineating sleeping unit/s areas.

In older existing buildings; second means of egress to a public way utilizing an OSFM approved and inspected fire escape system.

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

**[Chapter 2 Definitions]** Community Correctional Reentry Centers - California Department of Corrections and Rehabilitation (CDCR):

**Rationale:** OSFM to propose a new definition for a new occupancy classification based on the mandates from Health and Safety Code 13143.7.

**Rationale:**

OSFM to propose a new occupancy classification based on the mandates from Health and Safety Code 13143.7.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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## Item 16. Flammability Standards for Building Insulation Materials

3304.9

3304.10

3304.11

**Rational:** Legislation was passed in 2013 that added Section 13108.1 to the Health and Safety Code (AB 127, Skinner Fire safety: fire retardants: building insulation), that requires the State Fire Marshal, in consultation with the Bureau of Electronic and Appliance Repair, Home Furnishings, and Thermal Insulation, to review the flammability standards for building insulation materials, including whether the flammability standards for some insulation materials can only be met with the addition of chemical flame retardants. The State Fire Marshal

convened a working group to assist in the review and provide recommendations regarding the flammability standards for building insulation materials. The recommendation of the workgroup was that more testing of the material was needed to make a determination. The report can be found at: <http://osfm.fire.ca.gov/codedevelopment/wgfsbim>

The Office of the State Fire Marshal completed Phase II by working with Oklahoma State University(OSU) to evaluate the suitability of non-fire retardant treated polystyrene foam insulation in a subgrade installation. The CAL Fire / OSU Phase II Working Group was formed to determine the testing criteria and evaluate the results. The OSU conduct fire tests for built environment and storage that would be found at construction sites.

The Working Group reviewed the test results and developed the proposals in the California Building Code, California Residential Code, California Fire Code and California Referenced Standard Code. The final report can be found at: [http://osfm.fire.ca.gov/codedevelopment/pdf/CalFire-OSU\\_Phase\\_II\\_Working\\_Group\\_Final\\_Report.pdf](http://osfm.fire.ca.gov/codedevelopment/pdf/CalFire-OSU_Phase_II_Working_Group_Final_Report.pdf)

The proposals would allow the use of non-fire retardant treated polystyrene foam insulation in the subgrade application directly under the foundation.

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 2018 International Fire Code and published as the 2019 California Fire Code pursuant to Health and Safety Code Section 12000 through 12401 and 12500 through 12725, 13108, 13110, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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

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### **[Chapter 1]**

**The SFM is proposing to maintain the adoption of those existing California amendments or building standards in Chapter 1.**

**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.

#### Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

### **[Chapter 2]**

**The SFM is proposing to adopt Chapter 2 and maintain the adoption of those existing California amendments or building standards in Chapter 2 without modification.**

#### Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

### **[Chapter 3]**

**The SFM is proposing to maintain the adoption of those existing California amendments or building standards in Chapter 3.** The SFM proposes to only adopt Sections 301, 304, 308.5, 312, 313, 314, 315, 316, 317, 319 of Chapter 3 without modification

(Note: See Part 1 of this document for California amendments with editorial updates and errata for adoption into the 2019 California Fire Code.)

#### Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

### **[Chapter 4]**

**The SFM is proposing to adopt Chapter 4 and maintain the adoption of those existing California amendments or building standards in Chapter 4 without modification.** The SFM proposes to only adopt Sections 401, 402, 403.2 and 407 of Chapter 4.

#### Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

### **[Chapter 5]**

**The SFM is proposing to adopt Chapter 5 and maintain the adoption of those existing California amendments or building standards in Chapter 5 without modification while not adopting section 503 and 510.2.**

#### Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

### **[Chapter 6]**

**The SFM is proposing to adopt Chapter 6 and maintain the adoption of those existing California amendments or building standards in Chapter 6 without modification.**

(Note: See Part 1 of this document for California amendments with editorial updates and errata for adoption into the 2019 California Fire Code.)

#### Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

### **[Chapter 7]**

**The SFM is proposing to adopt Chapter 7 and maintain the adoption of those existing California amendments or building standards in Chapter 7.]**

(Note: See Part 1 of this document for California amendments with editorial updates and errata for adoption into the 2019 California Fire Code.)

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 8]**

**The SFM is proposing to adopt Chapter 8 and maintain the adoption of those existing California amendments or building standards in Chapter 8 without modification.**

(Note: See Part 1 of this document for California amendments with editorial updates and errata for adoption into the 2019 California Fire Code.)

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 9]**

**The SFM is proposing to adopt Chapter 9 and maintain the adoption of those existing California amendments or building standards in Chapter 9 without modification.]**

(Note: See Part 1 of this document for California amendments with editorial updates and errata for adoption into the 2019 California Fire Code.)

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 10]**

**The SFM is proposing to adopt Chapter 10 and maintain the adoption of those existing California amendments or building standards in Chapter 10 without modification.]**

(Note: See Part 1 of this document for California amendments with editorial updates and errata for adoption into the 2019 California Fire Code.)

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 11]**

**The SFM is proposing to maintain the adoption of those existing California amendments or building standards in Chapter 11. 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.

(Note: See Part 1 of this document for California amendments with editorial updates and errata for adoption into the 2019 California Fire Code.)

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 20]**

**The SFM is proposing to maintain the adoption Chapter 21 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 22]**

**The SFM is proposing to maintain the adoption Chapter 22 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 23]**

**The SFM is proposing to adopt Chapter 23 and maintain the adoption of those existing California amendments or building standards in Chapter 23 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 24]**

**The SFM is proposing to adopt Chapter 24 and maintain the adoption of those existing California amendments or building standards in Chapter 24 without modification.]**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 25]**

**The SFM is proposing to not adopt Chapter 25.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 26]**

**The SFM is proposing to not adopt Chapter 26.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 27]**

**The SFM is proposing to adopt Chapter 27 and maintain the adoption of those existing California amendments or building standards in Chapter 27 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 28]**

**The SFM is proposing to maintain the adoption Chapter 28 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 29]**

**The SFM is proposing to maintain the adoption Chapter 29 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204

**[Chapter 30]**

**The SFM is proposing to maintain the adoption Chapter 30 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204

**[Chapter 31]**

**The SFM is proposing to maintain the adoption Chapter 31 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 32]**

**The SFM is proposing to maintain the adoption Chapter 32 without modification.**

(Note: See Part 1 of this document for California amendments with editorial updates and errata for adoption into the 2019 California Building Code.)

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204

**[Chapter 33]**

**The SFM is proposing to maintain the adoption Chapter 33 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204

**[Chapter 34]**

**The SFM is proposing to maintain the adoption Chapter 34 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204

**[Chapter 35]**

**The SFM is proposing to maintain the adoption Chapter 35 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204

**[Chapter 36]**

**The SFM is proposing to maintain the adoption Chapter 36 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 37]**

**The SFM is proposing to maintain the adoption Chapter 37 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 38]**

**The SFM is proposing to not adopt Chapter 38 and remove the text.**

(Note: See Part 1 of this document for California amendments with updates and errata for adoption into the 2019 California Fire Code.)

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**Chapter 39]**

**The SFM is proposing to maintain the adoption Chapter 39 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 48]**



**The SFM is proposing to maintain the adoption Chapter 48 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 49]**

**The SFM is proposing to adopt Chapter 49 and maintain the adoption of those existing California amendments or building standards in Chapter 49 without modification.**

(Note: See Part 1 of this document for California amendments with editorial updates and errata for adoption into the 2019 California Fire Code.)

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 50]**

**The SFM is proposing to adopt Chapter 50 and maintain the adoption of those existing California amendments or building standards in Chapter 50 without modification.**

(Note: See Part 1 of this document for California amendments with editorial updates and errata for adoption into the 2019 California Fire Code.)

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 51]**

**The SFM is proposing to maintain the adoption Chapter 51 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 53]**

**The SFM is proposing to maintain the adoption Chapter 53 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 54]**

**The SFM is proposing to maintain the adoption Chapter 54 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 55]**

**The SFM is proposing to maintain the adoption Chapter 55 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 56]**

**The SFM is proposing to adopt Chapter 56 and maintain the adoption of those existing California amendments or building standards in Chapter 56 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 57]**

**The SFM is proposing to maintain the adoption Chapter 57 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 58]**

**The SFM is proposing to adopt Chapter 56 and maintain the adoption of those existing California amendments or building standards in Chapter 56 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 59]**

**The SFM is proposing to maintain the adoption Chapter 59 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 60]**

**The SFM is proposing to maintain the adoption Chapter 60 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 61]**

**The SFM is proposing to maintain the adoption Chapter 61 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 62]**

**The SFM is proposing to maintain the adoption Chapter 62 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 63]**

**The SFM is proposing to maintain the adoption Chapter 63 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50

Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 64]**

**The SFM is proposing to maintain the adoption Chapter 64 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 65]**

**The SFM is proposing to maintain the adoption Chapter 65 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 66]**

**The SFM is proposing to maintain the adoption Chapter 66 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 67]**

**The SFM is proposing to maintain the adoption Chapter 67 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

**[Chapter 80]**

**The SFM is proposing to adopt Chapter 80 and maintain the adoption of those existing California amendments or building standards in Chapter 80 without modification.**

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50  
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

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

(Government Code Section 11346.2(b)(3)) requires an identification of each technical, theoretical, and empirical study, report, or similar document, if any, upon which the agency relies in proposing the regulation(s).

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:**

(Government Code Section 11346.2(b)(1)) requires a statement of the reasons why an agency believes any mandates for specific technologies or equipment or prescriptive standards are required.)

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 a 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 broad-based 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**

(Government Code Section 11346.2(b)(4)(A)) requires a description of reasonable alternatives to the regulation and the agency's reasons for rejecting those alternatives. In the case of a regulation that would mandate the use of specific technologies or equipment or prescribe specific action or procedures, the imposition of performance standards shall be considered as an alternate. It is not the intent of this paragraph to require the agency to artificially construct alternatives or describe unreasonable 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.**

(Government Code Section 11346.2(b)(4)(B)) requires a description of any reasonable alternatives that have been identified or that have otherwise been identified and brought to the attention of the agency that would lessen any adverse impact on small business.)

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.

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

(Government Code Section 11346.2(b)(5)(A)) requires the facts, evidence, documents, testimony, or other evidence on which the agency relies to support an initial determination that the action will not have a significant adverse economic impact on business)

The SFM has made a 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 [STATE AGENCY NAME] has assessed whether or not and to what extent this proposal will affect the following:

- X      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.
- X      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.
- X      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.
- X      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**

(Government Code Section 11346.2(b)(5)(B)(i)) states if a proposed regulation is a building standard, the initial statement of reasons shall include the estimated cost of compliance, the estimated potential benefits, and the related assumptions used to determine the estimates.)

No increased cost of compliance for those regulations that make only technical and non-substantive changes.

The potential benefits provide recognition and appropriate use of new technologies and materials, clarity for the code users and local enforcement agencies, and may increase business due to the adoption of new building standards.

Protection of life and property against fire and panic.

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

(Government Code Section 11346.2(b)(6)) requires a department, board, or commission within the Environmental Protection Agency, the Resources Agency, or the Office of the State Fire Marshal to describe its efforts, in connection with a proposed rulemaking action, to avoid unnecessary duplication or conflicts with federal regulations contained in the Code of Federal Regulations addressing the same issues. These agencies may adopt regulations different from these federal regulations upon a finding of one or more of the following justifications: (A) The differing state regulations are authorized by law and/or (B) The cost of differing state regulations is justified by the benefit to human health, public safety, public welfare, or the environment.)

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