

**INITIAL STATEMENT OF REASONS
FOR
PROPOSED BUILDING STANDARDS
OF THE
OFFICE OF THE STATE FIRE MARSHAL**

**REGARDING THE 2016 CALIFORNIA BUILDING CODE,
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2**

TRIENNIAL CODE ADOPTION CYCLE

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

STATEMENT OF SPECIFIC PURPOSE, PROBLEM, RATIONALE and BENEFITS:

Health and Safety Code Section 18928:

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

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

The general purpose of this proposed action is principally intended to update and codify a new edition of the California Building Code (California Code of Regulations, Title 24, Part 2) based upon a more current edition of a model code. The current California Building Code in effect is the 2013 California Building Code which is based upon the 2012 International Building Code of the International Code Council. This proposed action:

- Repeal the adoption by reference of the 2012 International Building Code and incorporate and adopt by reference in its place the 2015 International Building Code for application and effectiveness in the 2016 California Building Code.
- Repeal certain amendments to the 2012 International Building Code 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 2015 International Building Code that address inadequacies of the 2015 International Building Code as they pertain to California laws.
- Bring forward previously existing California building standards or amendments, which represent no change in their effect from the 2013 California Building Code.
- Codify non-substantive editorial and formatting amendments from the format based upon the 2012 International Building Code to the format of the 2015 International Building Code.

NOTE OF EXPLANATION:

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

- **PART 1**** Includes the California Amendments SFM proposes to bring forward from the 2013 California Building Code **with changes** as shown, and also identifies the model code standards from the 2015 International Building Code SFM proposes for adoption into the 2016 California Building Code.
- **PART 2**** Displays the standards SFM proposes to bring forward from the 2013 California Building Code **without change**, except for nonsubstantive editorial corrections, for adoption into the 2016 California Building Code; the text is provided for context and the convenience of the code user.

SUMMARY OF REGULATORY ACTION

SFM PROPOSES TO:

****PART 1****

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

****PART 2****

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

[1]

CHAPTER 1
SCOPE AND ADMINISTRATION
DIVISION I
CALIFORNIA ADMINISTRATION

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

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

1.1.1

Rationale: The SFM is proposing to repeal the adoption by reference of the 2012 International Building Code and incorporate and adopt by reference in its place the 2015 International Building Code for application and effectiveness in the 2016 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 2015 International Building Code and published as the 2016 California Building Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

[2]

DIVISION II
SCOPE AND ADMINISTRATION

The SFM proposes to maintain the Division II designation for the IBC Chapter 1 Administrative provisions - Sections 101 through 114.

The SFM proposes to only adopt Sections 105.2.1 – 105.2.2, 105.3 – 105.3.1, 105.4, 105.6 – 105.7, 106.1, 106.2 – 106.3, 107.1 – 107.3, 107.4, 107.5, 108.1 – 108.4, 110.1 – 110.3, 110.3.4 – 110.3.6, 110.3.8 – 110.3.10, 110.4 – 110.6, 111.1, 111.2, 111.3 – 111.4, 112, 114.1 – 114.2, 115 and 116 contained in Chapter 1, Division II pursuant to Health and Safety Code Sections 13108, 13113, 13114, 13131.5, 13143, 13143.6, 17921 and 18949.2.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

[3]

CHAPTER 2 DEFINITIONS

The SFM proposes to adopt Chapter 2 with amendment and California regulation. Furthermore, the SFM is maintaining the adoption of those existing California definitions or model code definitions as amended in Chapter 2 without modification.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

Section 202 Definitions

DIRECT ACCESS.

HYDROGEN FUEL GAS ROOM.

Rational: The SFM is repealing existing state amendments to use model code language. The 2015 CBC model code language matches existing SFM definitions. There is no change in regulatory effect.

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

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

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

[4]

CHAPTER 3 USE AND OCCUPANCY CLASSIFICATIONS

The SFM proposes to adopt Chapter 3 with amendment and California regulation. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 3 without modification.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

303.1 Assembly Group A.

Rational: SFM is correlating this section with the CFC.

305 .2.1 Within places of religious worship.

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

304.1 Business Group B.

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

308.4.1, 308.4.1.1, 308.4.1.2

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

310.2 Definitions.

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

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

310.6.1, 310.6.2

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

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

[5]

CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

The SFM proposes to adopt Chapter 4 with amendment and California regulation. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 4 without modification.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

403.3.2 Water supply to required fire pumps.

Rational: SFM is proposing this maintain this amendment because all high-rise buildings in California require a secondary on-site water supply (CBC 903.3.5.2). The additional reliability of connecting the sprinkler system supply to two separate water mains in different streets does not appear to be necessary for high-rise buildings under 120 feet in height that pose a lesser risk than taller high-rise buildings. The 120 feet threshold for fire service access elevators and redundant fire pump systems was chosen. This amendment correlates to SFM proposed amendment CBC 403.3.2.1 regarding redundant fire pump systems.

403.4.8.1, 407.2.5, 407.2.6, 407.4.3, 407.5

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

404.5 Smoke control.

Rational: SFM is proposing to correct and correlate missing occupancy classifications for Group R-2.1 occupancies. Confusion as to whether or not the base Group R-2 provisions should apply to a Group R-2.1 exists in several areas. This proposal specifically adds the R-2.1 classification to only those sections that are to apply as originally intended when the International Codes were first adopted in California for the 2007 California Codes.

406.3.1 Classification

Rational: The 2012 edition of the International Building Code reduced the allowable size of all private garages to 1,000 square feet in area. Section 406.3.1 substantially upgraded the separation requirements between a private garage and the remainder of the building, including for R-3 occupancies. Many R-3 dwellings are designed with large garages, often to house the collections of automobile collectors. It does not seem reasonable to classify these garages as an S-2 enclosed parking garage with its accompanying ventilation requirements required by Section 406.2.

406.6.2 Ventilation.

Rational: The 2015 International Building Code reduced the allowable area of a Private Garage to 1,000 sq. ft. Larger garages are frequently required by automobile collectors. These garages would not be subject to uncontrolled use by

unrelated individuals. The ventilation required to remove exhaust fumes from multiple vehicles running at the same time seems excessive for a R-3 residence, regardless of the size of the garage.

407.3.1.1 Swing of corridor doors.

Rational: SFM is proposing this clarifying language to ensure the user will understand that this section applies only to detention and/or secure mental health facilities.

407.4.1, 407.10

Rational: SFM is proposing to correct and correlate missing occupancy classifications for Group I-2.1 occupancies. Confusion as to whether or not the base Group I-2 provisions should apply to a Group I-2.1 exists in several areas. This proposal specifically adds the I-2.1 classification to only those sections that are to apply as originally intended when the International Codes were first adopted in California for the 2007 California Codes.

Section 421 Hydrogen Fuel Gas Rooms

Rational: SFM is repealing existing state amendments for Hydrogen Fuel Gas Rooms, to use model code language. The new model code language matches existing SFM definitions. There is no change in regulatory effect.

435.8.4.2

Rational: SFM is correlating this section with the CFC.

435.8.7 Floor separation

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

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

[6]

CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS

The SFM proposes to maintain the adoption Chapter 5 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 5 without modification.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

[7]

CHAPTER 6 TYPES OF CONSTRUCTION

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

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

[8]

CHAPTER 7 FIRE-RESISTANCE-RATED CONSTRUCTION

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

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

708.1 General.

Rational: SFM is proposing to remove the I-1 occupancy and replace it with an R-2.1.

717.5.5 Smoke barriers.

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

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

[9]

CHAPTER 7A MATERIALS AND CONSTRUCTION METHODS FOR EXTERIOR WILDFIRE EXPOSURE [SFM]

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

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

706A.2, 706A.3.

Rational: SFM is proposing to adopt ASTM E2886 Standard Test Method for Evaluating the Ability of Exterior Vents to Resist the Entry of Embers and Direct Flame Impingement by reference. ASTM E2886 evaluates the ability of exterior vents that mount vertically or horizontally to resist the entry of embers and flame penetration through the vent. This fire-test-response standard prescribes two individual methods to evaluate the ability of a gable end, crawl space (foundation) and other vents that mount on a vertical wall or in the under-eave area to resist the entry through the vent opening of embers and flame. These modifications to Chapter 7A would allow vents to be installed in the WUI area that meet the ASTM E2886 standard.

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

[10]

CHAPTER 8 INTERIOR FINISHES

The SFM proposes to maintain the adoption Chapter 8 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 8 without modification.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

[11]

CHAPTER 9 FIRE PROTECTION SYSTEMS

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

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

903.2.8 Group R

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

903.2.8.2, 903.2.8.3, 903.3.1.3

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

904.13, 904.13.2, 907.5.2.1, 907.5.2.3

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

907.2.6.4. Large family day-care

Rational: The language in 907.2.6.4 is confusing and contradicting. The language allows the AHJ to approve a manual device of his/her choice. However the language specifies that such a device actuate a fire alarm signal. This can only be accomplished by the use of an approved and listed fire alarm device such as a manual fire alarm box. In the same code section it states "such device or devices shall be attached to the structure and may be of any type acceptable to the enforcing agency, provided that such devices are distinctive in tone and are audible throughout the structure." Again, very confusing for the AHJ.

By changing the language there will be no confusion with the local AHJ and the family daycare provider as to the device necessary to activate a fire alarm signal.

907.2.11.3 Installation near cooking appliances, 907.2.11.4 Installation near bathrooms.

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

907.5.2.2.4 Emergency voice/alarm communication captions.

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

909.5.3 Opening protection.

Rational: The model code language changed in the 2015 IBC; changes in section reflect reworking amendment to fit new model code language. New amendment is matching previous intent.

909.20.4.2

Rational: The SFM is proposing amendment to change language in existing amendment to match new model code language in Section 909.20.4.1 by adding "or ramp."

910.1-910.4.7

Rational: SFM is repealing existing state amendments for Smoke and Heat Vents to use model code language. The new model code language matches existing SFM language. There is no change in regulatory effect.

Section 915 Carbon Monoxide Detection

Rational: SFM proposes to co-adopt section 915 with HCD. The following is the rational from HCD:

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

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

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

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

[12]

CHAPTER 10 MEANS OF EGRESS

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

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

Table 1004.3

Rational: The SFM is correlating this section with the CFC.

1005.3.1

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

1006.3.2.1, 1010.1.9.7, 1010.1.9.8

Rational: SFM is repealing existing state amendments in the sections, to use model code language. The new model code language matches existing SFM requirements. There is no change in regulatory effect.

1011.15

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

1013.6.3 Power source.

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

1026.4.2

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

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

[13]

CHAPTER 11 ACCESSIBILITY

The SFM proposes to not adopt Chapter 11.

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

[14]

CHAPTER 11A

HOUSING ACCESSIBILITY

The SFM proposes to not adopt Chapter 11A.

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

[15]

CHAPTER 11B ACCESSIBILITY TO PUBLIC BUILDINGS, PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS AND PUBLICLY FUNDED HOUSING

The SFM proposes to not adopt Chapter 11B.

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

[16]

CHAPTER 12 INTERIOR ENVIRONMENT

The SFM proposes to only adopt Sections 1203.5, 1206, 1208 and 1209 of Chapter 12 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 12 without modification.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2015 California Building Code without change except for nonsubstantive editorial corrections.)

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

[17]

CHAPTER 13 ENERGY EFFICIENCY

The SFM proposes to not adopt Chapter 13.

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

[18]

CHAPTER 14 EXTERIOR WALLS

The SFM proposes to only adopt Sections 1401, 1402, 1403.4, 1403.5, 1404, 1405, 1406, 1407 and 1408 of Chapter 14 without amendment.

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

[19]

CHAPTER 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES

The SFM proposes to only adopt Sections 1501, 1502, 1505, 1506, 1507, 1509 and 1511 of Chapter 15 with amendment. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 15 without modification.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

1505.8, 1505.9, 1510.7.2, 1511.1.1

Rational: SFM is repealing existing state amendments in the sections, to use model code language. The new model code language matches existing SFM requirements. There is no change in regulatory effect.

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

[20]

CHAPTER 16 STRUCTURAL DESIGN

The SFM proposes to not adopt Chapter 16.

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

[21]

CHAPTER 17 STRUCTURAL TESTS AND SPECIAL INSPECTIONS

The SFM proposes to only adopt Sections 1705.1, 1705.1.1, and 1705.14 through 1705.18.2 of Chapter 17 without amendment.

1705.1, 1705.1.1, and 1705.14 through 1705.18.2

Rational: SFM is adopting these sections to give the AHJ the option of requiring verification by special inspection of specific elements. These special inspections are for proposed work that is unique and not specifically addressed in the code or standards that are referenced by the code. For example, a designer may choose to use a product, device or design that is not specifically covered by the code. Because the product, device or design is approved as an alternative under Section 104.11, the inspector must rely on installation requirements given in approved reports from the manufacturer, provided that the product, device, design is previously approved for installation by the AHJ. This will aid the AHJ in ensuring that a specific element is installed correctly and meets the intent of the 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 2015 International Building Code and published as the 2016 California Building Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

[22]

CHAPTER 18 SOILS AND FOUNDATIONS

CHAPTER 19 CONCRETE

CHAPTER 20 ALUMINUM

The SFM proposes to not adopt Chapters 18 through 20.

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

[23]

CHAPTER 21 MASONRY

The SFM proposes to only adopt Sections 2113.9.2 of Chapter 21 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 21 without modification.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

[24]

**CHAPTER 21A
MASONRY**

The SFM proposes to only adopt Sections 2113A.9.2 of Chapter 21A without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 21 without modification.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

[25]

**CHAPTER 22
STEEL**

The SFM proposes to not adopt Chapter 22.

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

[26]

**CHAPTER 23
WOOD**

The SFM proposes to only adopt Sections 2303.2 – 2303.2.9 of Chapter 23 without amendment

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

[27]

**CHAPTER 24
GLASS AND GLAZING**

The SFM proposes to adopt Chapter 24 without amendment.

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

[28]

**CHAPTER 25
GYPSUM BOARD AND PLASTER**

The SFM proposes to not adopt Chapter 25.

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

[29]

**CHAPTER 26
PLASTIC**

The SFM proposes to adopt Chapter 26 without modification. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 26 without modification.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

[30]

**CHAPTER 27
ELECTRICAL**

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

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

[31]

**CHAPTER 28
MECHANICAL SYSTEMS**

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

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

[32]

**CHAPTER 29
PLUMBING SYSTEMS**

The SFM proposes to not adopt Chapter 29.

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

[33]

**CHAPTER 30
ELEVATORS AND CONVEYING SYSTEMS**

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

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

[34]

**CHAPTER 31
SPECIAL CONSTRUCTION**

The SFM proposes to only adopt Sections 3101, 3102, 3102.3.1, 3103, 3104, 3105, 3105.4, 3106, 3110 and 3111 of Chapter 31 with amendment and California regulation. Furthermore, the SFM is maintaining the adoption of those existing California amendments or building standards in Chapter 31 without modification.

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

[35]

CHAPTER 32 ENCROACHMENT INTO PUBLIC RIGHT-OF-WAY

The SFM proposes to adopt Chapter 32 without amendment.

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

[36]

CHAPTER 33 SAFEGUARDS DURING CONSTRUCTION

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

(Note: See Part 2 [Item 44] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

CHAPTER 34 RESERVED

[37. The SFM proposes to adopt Chapter 35 with the following amendments and California regulations.]

See Item 444 for existing SFM amendments and California regulations that are brought forward without modification.

CHAPTER 35

REFERENCED STANDARDS

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

(Note: See Part 2 [item 42] of this document for existing California amendments brought forward from the 2013 California Building Code for adoption into the 2016 California Building Code without change except for nonsubstantive editorial corrections.)

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

The following NFPA standards are proposed to the latest edition:

NFPA

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

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

NFPA 13, 13D, 13R, 14, 20, 22, 24, 31, 52, 61, 72, 80, 99, 101, 105, 110, 111, 120, 211, 259, 275, 285, 289, 409, 654, 720, 2001

Rational: SFM is proposing to repeal existing amendments to now match the same edition of reference standard that IBC/IFC adopts. The repealed amendments are now the same editions or newer editions by using model code language.

NFPA 92

Rational: SFM is proposing to repeal existing CA amendments to adopt NFPA 92. IBC/IFC is now adopting NFPA 92 and the amendment is no longer needed.

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

[38]

APPENDIX A EMPLOYEE QUALIFICATIONS

APPENDIX B BOARD OF APPEALS

The SFM proposes to not adopt Appendix A and B.

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

[39]

APPENDIX C GROUP U – AGRICULTURAL BUILDINGS

The SFM proposes to adopt Appendix C without amendment.

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

2016 California Building Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

[40]

**APPENDIX D
FIRE DISTRICTS**

**APPENDIX E
SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS**

**APPENDIX F
RODENT PROOFING**

**APPENDIX G
FLOOD RESISTANT CONSTRUCTION**

**APPENDIX H
SIGNS**

The SFM proposes to not adopt Appendix D through H.

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

[41]

**APPENDIX I
PATIO COVERS**

The SFM proposes to only adopt Sections I101, I102, and I103 of Appendix I without amendment.

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

[42]

**APPENDIX J
EXCAVATION AND GRADING**

The SFM proposes to not adopt Appendix J.

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

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

Rationale: The OSFM is proposing to adopt NFPA 130 Standard for Fixed Guideway Transit and Passenger Rail Systems, 2014 Edition for consistency in the overall fire protection engineering practices in these types of structures.

By adopting NFPA 130, OSFM will repeal a vast majority of the amendments located within CBC/CFC relating Fixed Guideway Transit Systems. OSFM performed a detailed review of NFPA 130 and the 2013 CBC/CFC requirements Fixed Guideway Transit Systems and determined that the same level of fire and life safety would be maintained by using NFPA 130 with limited state amendments. Currently, a majority of design projects are designing Fixed Guideway Transit Rail Systems to NFPA 130 as an alternate means instead of CBC/CFC Section 443. Specifically adopting the 2014 Edition of NFPA 130 will ensure consistency of the fire protection systems in these structures throughout the 2016 Code Cycle.

Section 443

Rational: OSFM is proposing to repeal a majority of section 443. A majority of the language and requirements within Section 443 are contained in NFPA 130- Chapters 3, 5, and 7. When NFPA 130 had the same level of fire protection and safety or a greater level of fire protection and safety, OSFM repealed the state amendment and used model code language. When NFPA 130 did not address a specific item or was less restrictive than CBC 443, the existing state amendment was relocated to the appropriate section of NFPA 130.

Section 903

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

Section 905

Rational: OSFM is proposing to clarify the standpipe requirements. The previous requirements were not up to current NFPA 14 requirements and industry standard. The PSI and GPM requirements will now be based on NFPA 14 requirements. A class I standpipe system is now being allowed instead of a class III system. A Class III System provides 1 1/2 in. hose stations to supply water for use by trained personnel and 2 1/2 in. hose connections to supply a larger volume of water for use by fire departments. A Class I system only provides a 2 1/2 in. connections to supply water for use by fire departments. Class III standpipes require that trained personnel to go through annual trainings on fire hose operations. By only requiring a Class I standpipe, it will save on construction cost and also will not require trained personnel. Class I systems are what is typically installed in buildings, and will maintain overall safety. Finally, OSFM is adding clarifying language.

Section 907

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

Chapter 35

Rational: OSFM is proposing to adopt the 2014 edition of NFPA 130. The amendments to NFPA 130 are an existing state amendments that were previously contained in 2013 CBC Section 433.

NFPA 130 Amendment	Justification
3.3.44.1.1	Merged from Section 433 Definition
5.2.2.1	Merged from CBC 433.2.1
5.2.2.1.2	Merged from CBC 433.2.1
5.2.2.1.3	Merged from CBC 433.2.1
5.2.2.2	Covered by amendment to NFPA 130- 5.2.2.1.3
5.2.4.3	Amended to use CBC instead of NFPA 101
5.2.4.3.1	Merged from CBC 433.2.2.2
5.2.4.5	CBC 433.2.2.2 and 433.2.2.3 was more restrictive, now defaulting to one hour minimum unless longer rating required by CBC.
5.3.1.1	Amended to use CBC instead of NFPA 101
5.3.2.1	Merged from CBC 433.3.1
5.3.3.5	Merged from CBC 433.3.5
5.3.3.7	CBC 433.3.2.1 was more restrictive, now defaulting to dead end corridor multiplier used in CBC.
5.3.11.1	Amended to use CBC instead of NFPA 101.
5.3.11.2	Amended to use CBC instead of NFPA 101
5.4.1.1	Amended section to direct user to CBC, instead of NFPA 72.
5.4.4.1	Maintain existing CBC Section 903 sprinkler requirements.
5.4.4.2	Maintain existing CBC Section 903 sprinkler requirements.
5.4.5.1	Maintain existing CBC Section 905 standpipe sprinkler requirements.
7.3.2.1	Merged from CBC 433.4.5.4.1
7.6.1.1	Merged from CBC 433.4.5.3

- 7.7.1 Merged from CBC 433.4.5.4.5
- 7.8.1 Amended to use CEC and CBC instead of NFPA 70.

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

****PART 2****

[44]

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

CHAPTER 1

SCOPE AND ADMINISTRATION

**DIVISION I
CALIFORNIA ADMINISTRATION**

**SECTION 1.1
GENERAL**

1.1 – 1.1.12

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

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

1.11 – 1.11.10

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

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

**DIVISION II
SCOPE AND ADMINISTRATION**

The SFM proposes to maintain the Division II designation for the IBC Chapter 1 Administrative provisions - Sections 101 through 114.

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

**CHAPTER 2
DEFINITIONS**

201.3

201.4

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

The actions described above are reasonably necessary to carry out the purpose for which it is proposed. The rationale

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

202 Definitions

AGED HOME OR INSTITUTION
BEDRIDDEN PERSON.
BUILDING.
CARE AND SUPERVISION.
CATASTROPHICALLY INJURED.
CELL.
CELL COMPLEX.
CELL TIERS.
CENTRAL CONTROL BUILDING.
CHARTER SCHOOL.
CHILD CARE CENTER.
CHILD OR CHILDREN.
CHRONICALLY ILL.
CLIMATE ZONE.
CLINIC, OUTPATIENT.
COMMUNITY CARE FACILITY.
CONGREGATE LIVING FACILITIES.
CONGREGATE LIVING HEALTH FACILITY (CLHF).
CONGREGATE RESIDENCE.
CONTROL AREA.
COURTROOM DOCK.
COURTHOUSE HOLDING FACILITY.
DAY BOX.
DAY-CARE.
DAY-CARE HOME, FAMILY.
DAY-CARE HOME, LARGE FAMILY.
DAY-CARE HOME, SMALL FAMILY.
DAY ROOM.
DETENTION ELEVATOR .
DETENTION TREATMENT ROOM.
DETOXIFICATION FACILITIES.
DORMITORY.
ELECTRIC VEHICLE.
ENFORCING AGENCY.
FIRE APPLIANCE.
FIRE-SMOKE BARRIER.
FIRE-RETARDANT TREATED WOOD.
FOSTER CARE FACILITIES.
FOSTER FAMILY HOME.
FULL-TIME CARE.
GROUP HOME.
HAZARDOUS MATERIALS.
HAZARDOUS SUBSTANCE.
HIGH-RISE BUILDING.
Existing high-rise structure.
High-rise structure.
New High-rise Building.
New high-rise structure.
HIGH-RISE BUILDING ACCESS.
HOLDING FACILITY.
HOSPITALS AND PSYCHIATRIC HOSPITALS.
HOUSING UNIT.
INFANT.
LABORATORY

LABORATORY SUITE.
LISTED.
LIQUID TIGHT FLOOR.
LOBBY.
MOTION PICTURE AND TELEVISION PRODUCTION STUDIO SOUND STAGES, APPROVED PRODUCTION FACILITIES AND PRODUCTION LOCATIONS.
NONAMBULATORY PERSONS.
NONCOMBUSTIBLE.
NURSING HOMES.
ORGANIZED CAMPS.
PERMANENT PORTABLE BUILDING
PERSONAL CARE SERVICE.
PHYSIOLOGICAL WARNING THRESHOLD LEVEL.
PROTECTIVE SOCIAL CARE FACILITY.
RELOCATABLE BUILDING (PUBLIC SCHOOL).
RESIDENTIAL CARE FACILITY FOR THE CHRONICALLY ILL (RCF/CI).
RESIDENTIAL CARE FACILITY FOR THE ELDERLY (RCFE).
RESIDENTIAL FACILITY (RF).
RESTRAINT.
SECURE INTERVIEW ROOMS:
SMALL MANAGEMENT YARD.
STATE-OWNED/LEASED BUILDING.
TEMPORARY HOLDING CELL, ROOM or AREA.
TEMPORARY HOLDING FACILITY.
TENABLE ENVIRONMENT.
TERMINALLY ILL.
WAITING ROOM.
WINERY CAVES.

The above Definitions as amended or California definitions are brought forward without modification. There is no change in regulatory effect.

The above definitions as amended or definitions containing California regulations are brought forward without modification. The definition of Electric Vehicle is being relocated from chapter 4 to chapter 2. Editorial and formatting revisions have been made that relocated the above definition from other chapters to chapter 2 due to the restructuring of the model code provisions. There is no change in regulatory effect.

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

CHAPTER 3 USE AND OCCUPANCY CLASSIFICATIONS

302.1	310.2
303.1.4	AGED HOME OR INSTITUTION.
303.2	BEDRIDDEN PERSON.
303.7	CARE AND SUPERVISION.
303.8	CATASTROPHICALLY INJURED.
305.1	CHILD-CARE CENTER.
305.2	CHILD OR CHILDREN.
305.2.2	CHRONICALLY ILL.
305.2.3	CONGREGATE LIVING HEALTH FACILITY (CLHF).
306.2	CONGREGATE RESIDENCE.
307.1	DAY CARE.
Table 307.1(1)	DAY-CARE HOME, FAMILY.
Table 307.1(2)	DAY-CARE HOME, LARGE FAMILY.
307.1.1	DAY-CARE HOME, SMALL FAMILY.
307.1.2	FULL-TIME CARE.

308.1	INFANT.
308.3	LODGING HOUSE.
308.3.1	NONAMBULATORY PERSONS.
308.3.2	RESIDENTIAL CARE FACILITY FOR THE CHRONICALLY ILL (RCF/CI).
308.3.3	RESIDENTIAL CARE FACILITY FOR THE ELDERLY (RCFE).
308.3.4	RESIDENTIAL FACILITY (RF).
308.4	TERMINALLY ILL.
308.4.2	
308.5	310.3
308.5.6	310.4
308.5.7	310.4.1
308.5.8	310.5
308.6	310.5.1
308.6.1	310.5.2
308.6.1.1	310.6
308.6.2	310.7
308.6.3	313
308.6.4	313.1
310.1	314
	314.1

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

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

CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

403	408.5.1
403.1	408.6
403.1.1	408.6.1
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The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

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

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CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS

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

Tables 504.3, 504.4, 506.2 and Sections 506.2.3 and 506.2.4 replace Table 503 and Sections 504.2, 506.3, 506.4.1 and 506.5.2. The existing SFM modifications are being carried forward without amendment. These modifications are necessary to fit within the new format of the 2015 IBC. There is no change in regulatory effect.

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

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

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FIRE-RESISTANCE-RATED CONSTRUCTION**

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

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**CHAPTER 7A
MATERIALS AND CONSTRUCTION METHODS FOR
EXTERIOR WILDFIRE EXPOSURE**

701A through 710A.4

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

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

**CHAPTER 8
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The above Sections as amended or Sections containing California regulations are brought forward without modification. Editorial and formatting revisions that revise section numbers, references to other sections or relocated specific sections have been made due to the restructuring of the model code provisions. There is no change in regulatory effect.

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**CHAPTER 9
FIRE PROTECTION SYSTEMS**

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CHAPTER 10 MEANS OF EGRESS

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**CHAPTER 12
INTERIOR ENVIRONMENT**

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**CHAPTER 15
ROOF ASSEMBLIES AND ROOFTOP STRUCTURES**

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1505.1.1	1505.1.4	

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**CHAPTER 21
MASONRY**

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

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**CHAPTER 21A
MASONRY**

2113A.9.2

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

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CHAPTER 26

PLASTIC

2603.4.1.12

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

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CHAPTER 27 ELECTRICAL

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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 2015 International Building Code and published as the 2016 California Building Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

CHAPTER 28 MECHANICAL SYSTEMS

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

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CHAPTER 30 ELEVATORS AND CONVEYING SYSTEMS

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

3005.4.1- Section revised for clarify and has no regulatory change in effect.

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

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

**CHAPTER 31
SPECIAL CONSTRUCTION**

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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 2015 International Building Code and published as the 2016 California Building Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

**CHAPTER 33
SAFEGUARDS DURING CONSTRUCTION**

3309.2

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

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

**CHAPTER 34
RESERVED**

**CHAPTER 35
REFERENCED STANDARDS**

ASME

A17.1/CSA B44—2007
BPE – 2009

ASTM

E648–04
E662–09

FM

3260–00
3011–99
4430–80

ICC

ICC ES AC 331
ICC ES AC77
ICC/ANSI A117.1—09
~~IECC—15~~

SFM

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

UBC

UBC Standard 15-2
UBC Standard 15-3
UBC Standard 15-4

IFC—15	UL
IFGC—15	13-96
IMC—15	38-99
IPC—15	193-04
IPMC—15	199-95
IPSDC—15	217-06
IRC—15	228-97
IWUIC—15	260-04
	262-04
	268A-98
NFPA	312-04
10-10	346-05
13—13	464-03
13R-13	497B-04
13D—13	521-99
13R—13	539-00
14—13	632-00
24—13	753-04
25—06 CA	813-96
32—07	864-03
37—10	
54—15	
72—13	
2001—15	

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

NFPA 32

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

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 2012 International Building Code and published as the 2013 California Building Code pursuant to Health and Safety Code Section 13108, 13113, 13114, 13131.5, 13143, 17921, and 18949.2.

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

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

STATEMENT OF JUSTIFICATION FOR PRESCRIPTIVE STANDARDS:

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

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

This code is founded on principles intended to establish provisions consistent with the scope of a building and fire code that adequately protects public health, safety and welfare; provisions that do not unnecessarily

increase construction costs; provisions that do not restrict the use of new materials, products or methods of construction; and provisions that do not give preferential treatment to particular types or classes of materials, products or methods of construction.

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

CONSIDERATION OF REASONABLE ALTERNATIVES

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

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

The SFM has determined that no alternative 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.

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

- The creation or elimination of jobs within the State of California.
These regulations will not affect the creation, or cause the elimination, of jobs within the State of California.
- The creation of new businesses or the elimination of existing businesses within the State of California.
These regulations will not affect the creation or the elimination of existing business within the State of California.
- The expansion of businesses currently doing business with the State of California.

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

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

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

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

- No increased cost of compliance for those regulations that make only technical and nonsubstantive 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

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