

COMMISSION ACTION MATRIX

AGENCY: OFFICE OF THE STATE FIRE MARSHAL [SFM 05/12]

TITLE (CODE)

CCR, TITLE 24, PART 4 (2013 CALIFORNIA MECHANICAL CODE)

LEGEND:

Item numbers refer to those presented to the Code Advisory Committees (CAC)s (CAC)s:

- ACCESS = Accessibility
- BFO = Building, Fire & Other
- HF = Health Facilities
- PEME = Plumbing, Electrical, Mechanical, and Energy
- SDLF = Structural Design/Lateral Forces
- GB = Green Building

Actions:

- A = Accepted
- AA = Approve as amended
- AS = Approve as submitted
- D = Disapprove
- FS = Further Study
- W/D = Withdrawn by agency

Amendments, if indicated by agency:

- S = Statutory
- N = New

Matrix Paper Color (Used for Comm. Action Only):

- GREEN = uncontested items
- YELLOW = challenged items
- SALMON = W/D, no action required

PEME CODE ADVISORY COMMITTEE (SFM)

ITEM 1 - CHAPTER 1 ADMINISTRATION DIVISION I

The SFM is proposing to maintain the adoption of those existing California provisions contained Sections 1.1.0 through 1.1.12 with modification

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 05/12-1-1	Chapters 1.1 – 1.12	E	AS			Adopt entire Chapter with modifications noted below	
SFM 05/12-1-2	Section 1.1.7	E	AS			Order of Precedence and Use	
SFM 05/12-1-3	Section 1.1.7.1	E	AS			Differences	
SFM 05/12-1-4	Section 1.1.7.2	E	AS			Specific Provisions	
SFM 05/12-1-5	Section 1.1.7.3	E	AS			Conflicts	
SFM 05/12-1-6	Section 1.1.8	E	AS			City, County, or City and County Amendments, Additions or Deletions	
SFM 05/12-1-7	Section 1.1.8.1 with exception	E	AS			Findings and Filings w/ exception	
SFM 05/12-1-8	Section 1.1.9	E	AS			Effective Date of This Code	
SFM 05/12-1-9	Section 1.1.10	E	AS			Availability of Codes	
SFM 05/12-1-10	Section 1.1.11 and add Note	E	AS			Format - Strike and add language as indicated Note: on non-regulatory Matrix tables	
SFM 05/12-1-11	Section 1.1.12	E	AS			Validity	

ITEM 1.1 - CHAPTER 1 ADMINISTRATION DIVISION I

The SFM is proposing to maintain the adoption of those existing California provisions contained Sections 1.1.0 through 1.1.12 with modification

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-1.1-1	Sections 1.11 – 1.11.10	E	AS			The SFM is proposing to maintain the adoption of those existing California provisions contained Sections 1.11.0 through 1.11.10 without modification	
SFM 5/12-1.1-2	Section 1.11.0	E	AS			SFM- Adoption of this Section 1.11.0 is equivalent to adopting all those existing SFM modifications as listed below	
SFM 5/12-1.1-3	<i>1.11.1 – SFM- Application: Institutional, educational or any similar occupancy, Assembly or similar place of assemblage, Small family day care homes, Large family day care homes, Residential facilities and residential facilities for the elderly, Any state institution or other state-owned or state-occupied building, High-rise structures, Motion picture production studios, Organized camps, Residential, Residential care facilities, Tents, awnings or other fabric enclosures</i>	E	AS			<i>SFM- Office of the State Fire Marshall</i>	

	<i>used in connection with any occupancy, Fire alarm devices, equipment and systems in connection with any occupancy, Hazardous materials, Flammable and combustible liquids, Public School Automatic Fire Detection, Alarm and Sprinkler Systems, Wildland-Urban Interface Fire Area.</i>						
SFM 5/12-1.1-4	Section 1.11.2	E	AS			Duties and Powers of the Enforcing Agency	
SFM 5/12-1.1-5	<i>Section 1.11.2.1</i>	E	AS			<i>Enforcement</i>	
SFM 5/12-1.1-6	<i>Section 1.11.2.1.1</i>	E	AS			<i>Regulations of the State Fire Marshal shall except as provided in Section 1.11.2.1.2</i>	
SFM 5/12-1.1-7	<i>Section 1.11.2.1.2</i>	E	AS			<i>Pursuant to Health and Safety Code Section 13108</i>	
SFM 5/12-1.1-8	<i>Section 1.11.2.1.3</i>	E	AS			<i>Pursuant to Health and Safety Code Section 13112</i>	
SFM 5/12-1.1-9	<i>Section 1.11.2.2</i>	E	AS			<i>Right of entry</i>	
SFM 5/12-1.1-10	<i>Section 1.11.2.3</i>	E	AS			<i>More Restrictive Fire and Panic Safety Building Standards</i>	
SFM 5/12-1.1-11	<i>Section 1.11.2.3.1</i>	E	AS			<i>Health and Safety Code Part 2.7 (commencing with Section 13800) of Division 12</i>	
SFM 5/12-1.1-12	<i>Section 1.11.2.3.2</i>	E	AS			<i>Adopted findings made pursuant to Section 1.11.2.3.1</i>	
SFM 5/12-1.1-13	<i>Section 1.11.2.3.3</i>	E	AS			<i>In accordance with Section 101.8.1:3.</i>	
SFM 5/12-1.1-14	<i>Section 1.11.2.4</i>	E	AS			<i>Request for alternate means of protection</i>	
SFM 5/12-1.1-15	<i>Section 1.11.2.5</i>	E	AS			<i>Appeals</i>	
SFM 5/12-1.1-16	Section 1.11.3	E	AS			Construction Documents	
SFM 5/12-1.1-17	<i>Section 1.11.3.1</i>	E	AS			<i>Public schools</i>	
SFM 5/12-1.1-18	<i>Section 1.11.3.2</i>	E	AS			<i>Movable walls and partitions</i>	
SFM 5/12-1.1-19	<i>Section 1.11.3.3</i>	E	AS			<i>New construction high-rise buildings</i>	
SFM 5/12-1.1-20	<i>Section 1.11.3.4</i>	E	AS			<i>Existing high-rise buildings</i>	
SFM 5/12-1.1-21	<i>Section 1.11.3.5</i>	E	AS			<i>Retention of Plans</i>	
SFM 5/12-1.1-22	Section 1.11.4	E	AS			Fees	

SFM 5/12-1.1-23	<i>Section 1.11.4.1</i>	E	AS			<i>Other fees</i>	
SFM 5/12-1.1-24	<i>Section 1.11.4.2</i>	E	AS			<i>Large Family Day Care</i>	
SFM 5/12-1.1-25	<i>Section 1.11.4.3</i>	E	AS			<i>High-Rise</i>	
SFM 5/12-1.1-26	<i>Section 1.11.4.4</i>	E	AS			<i>Fire Clearance Preinspection</i>	
SFM 5/12-1.1-27	<i>Section 1.11.4.5</i>	E	AS			<i>Care Facilities</i>	
SFM 5/12-1.1-28	<i>Section 1.11.4.6</i>	E	AS			<i>Requests of the Office of the State Fire Marshal</i>	
SFM 5/12-1.1-29	Section 1.11.5	E	AS			Inspections	
SFM 5/12-1.1-30	<i>Section 1.11.5.1</i>	E	AS			<i>Existing Group I-1 or R Occupancies</i>	
SFM 5/12-1.1-31	Section 1.11.6 w/ exception	E	AS			<i>Certificate of Occupancy w/ exception</i>	
SFM 5/12-1.1-32	Section 1.11.7	E	AS			<i>Temporary Structures and Uses</i>	
SFM 5/12-1.1-33	Section 1.11.8	E	AS			<i>Service Utilities</i>	
SFM 5/12-1.1-34	Section 1.11.9	E	AS			<i>Stop Work Order</i>	
SFM 5/12-1.1-35	Section 1.11.10	E	AS			<i>Unsafe Buildings, Structures and Equipment</i>	

[1.2. The SFM proposes to not adopt UMC Chapter 1. (UMC Chapter 1 Administrative provisions - Sections 101 through 117 relocated to Division II of Chapter 1.)]

DIVISION II

ITEM 1.2 - CHAPTER 1 DIVISION II ADMINISTRATIVE

Adopt Entire Chapter as amended (amended sections listed below)

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-1.2-1	<i>Section 101 - 117</i>	E	AS			UMC Chapter 1 Administrative provisions - Sections 101 through 117 relocated to Division II of Chapter 1	

ITEM 2 - CHAPTER 2 DEFINITIONS

The SFM proposes to adopt Chapter 2 with the following existing amendments and California regulations

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-2-1	CHAPTER 2	E	AS			DEFINITIONS (Adopting CHAPTER 2 is adopting all articles and sections listed below)	
SFM 5/12-2-2	203 A	E	AS			<i>Assembly Building and "Authority Having Jurisdiction" shall mean "Enforcing Agency" as defined in Section 207.0 of this code.</i>	
SFM 5/12-2-3	204 B	E	AS			Building Code, Building Official. See Authority Having Jurisdiction,	
SFM 5/12-2-4	207 E	E	AS			<i>Enforcing Agency. [SFM]</i>	
SFM 5/12-2-5	208 F	E	AS			FIRE CODE	
SFM 5/12-2-6	209 -G-	E	AS			<i>Tables 6-6 A and B</i>	
SFM 5/12-2-7	214 L	E	AS			<i>Listed and Listing. [SFM]</i>	
SFM 5/12-2-8	215-M	E	AS			<i>Machinery Room [SFM]</i>	
SFM 5/12-2-9	217 O	E	AS			Occupancy Classification	
SFM 5/12-2-10	223-U	E	AS			<i>U.M.C. [SFM]</i>	

ITEM 3 - CHAPTER 3 GENERAL REQUIREMENTS

The SFM proposes to adopt Chapter 3 with the following existing amendments and California regulations

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-3-1	CHAPTER 3	E	AS			GENERAL REQUIREMENTS	
SFM 5/12-3-2	Chapter 303.8	E	AS			Liquefied Petroleum Gas Facilities	

ITEM 4 - CHAPTER 4 VENTILATION AIR SUPPLY

The SFM proposes to adopt Chapter 4 with the following existing amendments and California regulations

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-4-1	CHAPTER 4	E	AS			VENTILATION AIR SUPPLY (Adopting CHAPTER 5 is adopting all articles and sections listed below)	
SFM 5/12-4-2	401.1	E	AS			Applicability	
SFM 5/12-4-3	Re-number Section <u>403.8</u> to <u>403.9</u>	E	AS			Exhaust Ventilation for Enclosed Parking Garages	
SFM 5/12-4-4	Re-number Section <u>403.8.1</u> to <u>403.9.1</u> w/ <u>Exception</u>	E	AS			Exhaust Inlet Distribution, w/ Exception to provide the minimum required exhaust rate in Table 4-4.	
SFM 5/12-4-5	Re-number Section <u>403.8.2</u> to <u>403.9.2</u>	E	AS			Alternative Exhaust Ventilation for Enclosed Parking Garages	
SFM 5/12-4-6	Re-number Section <u>403.8.2.1</u> to <u>403.9.2.1</u>	E	AS			Minimum Exhaust Rate	
SFM 5/12-4-7	Re-number Section <u>403.8.2.2</u> to <u>403.9.2.2</u>	E	AA		Comment: Amend language to strike " to maintain a maximum " and replace with " <u>not to exceed an</u> "	Automatic Carbon Monoxide Sensing Devices	

ITEM 5 - CHAPTERS 5 EXHAUST SYSTEMS

The SFM proposes to adopt Chapter 5 with the following new and existing amendments and California regulations

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-5-1	CHAPTER 5	E	AS			EXHAUST SYSTEMS - (Adopting CHAPTER 5 is adopting all articles and sections listed below)	
SFM 5/12-5-2	Section 506.2 w/ exceptions	E	AS			Construction – Exceptions – strike SMACNA reference, added to 2012 UMC	
SFM 5/12-5-3	Section 509.2.4	E	AS			Move revised language forward to 2013 CMC	

SFM 5/12-5-4	Section 511.1.6	E	AS			NFPA 70, National Electrical Code <i>California Electrical Code - editorial</i>	
SFM 5/12-5-5	Section 512.2.6	E	AS			NFPA 70, National Electrical Code <i>California Electrical Code - editorial</i>	
SFM 5/12-5-6	Section 513.2.2 w/ Exceptions	E	AS			Standard strike and add language as indicated	
SFM 5/12-5-7	Section 513.2.2.1 Installation	E	AS			Strike Section	
SFM 5/12-5-8	Section 513.3.2	E	AS			<i>Change to updated reference standard NFPA to 17A "Wet Chemical Extinguishing System"</i>	
SFM 5/12-5-9	Section 513.11	E	AS			Portable Fire Extinguishers	
SFM 5/12-5-10	Section 513.11.2	E	AS			Strike reference to NFPA 10	
SFM 5/12-5-11	Section 516.2.7 w/ Exception	E	AS			Strike reference to exception NFPA 70, National Electrical Code and replace w/ <i>"California Electrical Code" as indicated</i>	
SFM 5/12-5-12	Section 516.2.9 (4)	E	AS			Strike reference to exception NFPA 70, National Electrical Code and replace w/ <i>"California Electrical Code" as indicated</i>	

ITEM 6 - CHAPTER 6 DUCT SYSTEMS

The SFM proposes to adopt Chapter 6 with the following new and existing amendments and California regulations

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-6-1	CHAPTER 6	E	AS			DUCT SYSTEMS - (Adopting CHAPTER 6 is adopting all articles and sections listed below)	
SFM 5/12-6-2	Section 602.1	E	AS			<i>General - Strike references as indicated</i>	
SFM 5/12-6-3	Section 603.5	E	AS			<i>Support of Ducts - Strike references as indicated</i>	
SFM 5/12-6-4	Section 604.1 & Exceptions	E	AS			<i>General & Exceptions - Strike references as indicated</i>	
SFM 5/12-6-5	Section 606.8 to 605.8	E	AS			<i>Change section number from 606.8 to 605.8</i>	
SFM 5/12-6-6	Section 609.1	E	AS			Move revised language forward to 2013 CMC	

ITEM 7 - CHAPTER 7 COMBUSTION AIR

The SFM proposes to adopt Chapter 7 without amendments

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-7-1	CHAPTER 7	E	AS			COMBUSTION AIR – Adopt entire Chapter without amendments	

ITEM 8 - CHAPTER 8 CHIMNEYS AND VENTS

The SFM proposes to adopt Chapter 8 without amendments

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-8-1	CHAPTER 8	E	AS			CHIMNEYS AND VENTS – Adopt entire Chapter without amendments	

ITEM 9 - CHAPTER 9 INSTALLATION OF SPECIFIC EQUIPMENT

The SFM proposes to adopt Chapter 9 without amendments

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-9-1	CHAPTER 9	E	AS			INSTALLATION OF SPECIFIC EQUIPMENT – Adopt entire Chapter without amendments	

ITEM 10 - CHAPTER 10 STEAM AND HOT WATER BOILERS

The SFM proposes to adopt Chapter 13 without amendments

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-10-1	CHAPTER 10	E	AS			STEAM AND HOT WATER BOILERS – Adopt entire Chapter without amendments	

ITEM 11 - CHAPTER 11 REFRIGERATION

The SFM proposes to adopt Chapter 11 with the following existing amendments and California regulations

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-11-1	CHAPTER 11	E	AS			REFRIGERATION - (Adopting CHAPTER 11 is adopting all articles and sections listed below)	
SFM 5/12-11-2	<i>Section 1106.3.1</i>	E	AS			<i>Refrigerant Service Ports [New (proposed) UMC section, the above Ca amendment may no longer be necessary]</i>	
SFM 5/12-11-3	Section 1106.14	E	AS			Refrigerant Port Protection – New Model Code language replaces CA amendment	
SFM 5/12-11-4	Section 1121.3	E	AS			Annunciation – Move existing revised language forward to 2013 CMC	
SFM 5/12-11-5	Section 1121.4	E	AS			Installation, Maintenance, and Testing - Move existing revised language forward to 2013 CMC	

ITEM 12 - CHAPTER 12 HYDRONICS

[The SFM proposes to not adopt Chapter 12.]

ITEM 13 - CHAPTER 13 FUEL GAS PIPING

The SFM proposes to adopt Chapter 13 without amendments

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-13-1	CHAPTER 13	E	AS			FUEL GAS PIPING – Adopt entire Chapter without amendments	

ITEM 14 - CHAPTER 14 PROCESS PIPING

The SFM proposes to adopt Chapter 13 without amendments

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-14-1	CHAPTER 14	E	AS			PROCESS PIPING – Adopt entire Chapter without amendments	

**ITEM 15 - CHAPTER 15
SOLAR SYSTEMS**

[The SFM proposes to not adopt Chapter 15.]

ITEM 16 - CHAPTER 16 STATIONARY FUEL CELL POWER PLANTS

The SFM proposes to adopt Chapter 16 without amendments

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-16-1	CHAPTER 16	E	AS			STATIONARY FUEL CELL POWER PLANTS – Adopt entire Chapter without amendments	

CHAPTER 17 STANDARDS

The SFM proposes to adopt Chapter 17 without amendments

Item Number	Code Section	Type of amendment (S, E, N)	CAC: (AS, AA, D, FS)	Agency Response to CAC (A, D, W/D)	45-Day Comments (AS, AA, D, FS)	Annotations	CBSC Action (AS, AA, D, FS)
SFM 5/12-17-1	CHAPTER 17	E	AS			STANDARDS – Adopt entire Chapter without amendments	

**ITEM 18 - APPENDIX A
RESIDENTIAL PLAN EXAMINER REVIEW FORM FOR HVAC SYSTEM DESIGN**

**APPENDIX B
PROCEDURES TO BE FOLLOWED TO PLACE GAS EQUIPMENT IN OPERATION**

**APPENDIX C
INSTALLATION AND TESTING OF OIL (LIQUID) FUEL-FIRED EQUIPMENT**

**APPENDIX D
UNIT CONVERSION TABLES**

[The SFM proposes to not adopt Appendices A through D.]