

**COMMISSION ACTION MATRIX**

**2022 CALIFORNIA MECHANICAL CODE, TITLE 24, PART 4, 2021 UNIFORM MECHANICAL CODE**  
**AGENCY: DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT (HCD 01/21)**

**LEGEND:**

**CAC Actions:** Approve, Disapprove, Approve as Amended, Further Study Required

**Agency Responses:** Accept, Disagree, Withdraw

**CBSC Actions:** Approve, Disapprove, Approve as Amended, Further Study Required

**Matrix Paper Color (for commission action only):** GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required

**PEME CODE ADVISORY COMMITTEE**

**CHAPTER 1 – ADMINISTRATION**

Carry forward 2019 CMC for adoption into the 2022 CMC with modification to sections listed below

Item Number 1	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-1-1	<b>1.1.1 Title</b>	<b>Approve</b>	<b>Accept</b>		Amend section: strike 2018, replace with 2021	<b>Approve</b>
HCD 01/21-1-2	<b>1.1.7.3.1</b>	<b>Approve</b>	<b>Accept</b>		Editorial revision.	<b>Approve</b>
HCD 01/21-1-3	<b>1.1.8.1, #3.</b>	<b>Approve</b>	<b>Accept</b>		Editorial revision to the address.	<b>Approve</b>
HCD 01/21-1-4	<b>1.1.9, Exceptions:</b>	<b>Approve</b>	<b>Accept</b>		Reference to CCR, title 25, section 3048 renumbered as section 3037	<b>Approve</b>
HCD 01/21-1-5	<b>1.8.2.1.1 through 1.8.2.1.3</b>	<b>Approve</b>	<b>Accept</b>		Revised code reference citations.	<b>Approve</b>

**CHAPTER 1 – ADMINISTRATION DIVISION II**

Carry forward only sections 2019 CMC Division II sections listed below, without modification.

Item Number 2	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-2-1	<b>104.2, #1. – 5.</b>	<b>Approve</b>	<b>Accept</b>		Carry forward only sections 2019 CMC Division II sections listed below, without modification	<b>Approve</b>

**CHAPTER 2 – DEFINITIONS**

Adopt 2021 UMC Chapter 2 Definitions and carry forward 2019 CMC existing amendments, without modification.

Item Number 3	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-3-1	<i>Chapter 2 Definitions</i>	Approve	Accept		Adopt model and carry forward existing CA amendments.	Approve

**CHAPTER 3 - GENERAL REGULATIONS**

Adopt Chapter 3 from the 2021 UMC into the 2022 CMC, with existing California amendments, with additional modifications listed below

Item Number 4	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-4-1	<b>Chapter 3</b>	Approve	Accept		Adopt model and carry forward existing CA amendments.	Approve
HCD 01/21-4-2	<b>311.2</b>	Approve	Accept		HCD is repealing this amendment to correlate with CEC proposals.	Approve
HCD 01/21-4-3	<b>316.2</b>	Approve	Accept		Carry forward editorial revisions to California Code references.	Approve
HCD 01/21-4-4	<b>316.5</b>	Approve	Accept		Carry forward editorial revisions to California Code references.	Approve
HCD 01/21-4-5	<b>316.9</b>	Approve	Accept		Carry forward editorial revisions to California Code references.	Approve

**CHAPTER 4 - VENTILATION AIR SUPPLY**

Adopt Chapter 4 from the 2021 UMC into the 2022 CMC, with existing California amendments, with additional modifications listed below.

Item Number 5	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-5-1	<b>Chapter 4</b>	Approve	Accept		Adopt model and carry forward existing CA amendments.	Approve
HCD 01/21-5-2	<b>(402.5) 405.3</b>	Approve	Accept		Relocation of amendment to align with model code revisions. No Change to amendment text.	Approve

**CHAPTER 5 - EXHAUST SYSTEMS**

Adopt Chapter 5 from the 2021 UMC into the 2022 CMC without amendments.

Item Number 6	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-6-1	Chapter 5	Approve	Accept		Adopt model without amendments.	Approve

**CHAPTER 6 - DUCT SYSTEMS**

Adopt Chapter 6 from the 2021 UMC into the 2022 CMC, with existing California amendments, with additional modifications listed below.

Item Number 7	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-7-1	Chapter 6	Approve	Accept		Adopt model and carry forward existing CA amendments.	Approve
HCD 01/21-7-2	601.2, <i>Repeal Exception</i>	Approve	Accept		HCD is repealing this exception to this section to correlate with CEC proposals.	Approve
HCD 01/21-7-3	603.3.1	Approve	Accept		Carry forward editorial revisions to California Code references.	Approve
HCD 01/21-7-4	<i>Repeal 603.10.1.1</i>	Approve	Accept		HCD is repealing this amendment to correlate with CEC proposals.	Approve

**CHAPTER 7 - COMBUSTION AIR**

Adopt Chapter 7 from the 2021 UMC into the 2022 CMC, without amendment.

Item Number 8	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-8-1	Chapter 7	Approve	Accept		Adopt model without amendment.	Approve

**CHAPTER 8 - CHIMNEYS AND VENTS**

Adopt Chapter 8 from the 2021 UMC into the 2022 CMC, without amendment.

Item Number 9	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-9-1	Chapter 8	Approve	Accept		Adopt model without amendment.	Approve

**CHAPTER 9 - INSTALLATION OF SPECIFIC APPLIANCES**

Adopt Chapter 9, except Sections 911.2.2, 912.1, 930.0, and 930.1 from the 2021 UMC into the 2022 CMC, with existing California amendments, with additional modifications listed below.

Item Number 10	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-10-1	Chapter 9	Approve	Accept		Adopt Chapter 9, except Sections 911.2.2, 912.1, 930.0, and 930.1 from the 2021 UMC into the 2022 CMC, with existing California amendments.	Approve
HCD 01/21-10-2	911.2.2 <i>Reserved</i>	Approve	Accept		Proposing to strike model code section and reserving this section since HCD does not adopt.	Approve
HCD 01/21-10-3	912.1. <i>Reserved</i>	Approve	Accept		Proposing to strike model code section and reserving this section since HCD does not adopt.	Approve

**CHAPTER 10 - BOILERS AND PRESSURE VESSELS**

Adopt Chapter 10 from the 2021 UMC into the 2022 CMC, with existing California amendments.

Item Number 11	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-11-1	Chapter 10	Approve	Accept		Adopt model and carry forward existing CA amendments.	Approve

**CHAPTER 11 - REFRIGERATION**

Adopt Chapter 11 from the 2021 UMC into the 2022 CMC, with existing California amendments.

Item Number 12	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-12-1	Chapter 11	Approve	Accept		Adopt model and carry forward existing CA amendments.	Approve
HCD 01/21-12-1.1	Chapter 11, Section 1104.6 Addendum	Further Study	Withdraw		Addendum for Section 1104.6 was discussed at the meeting. <b>CAC recommended: FS</b> under criteria #3 & #7  Upon further study HCD decided to withdraw the proposed code change. See ISOR for agency response.	Approve

**CHAPTER 12 - HYDRONICS**

Adopt Chapter 12 from the 2021 UMC into the 2022 CMC, with existing California amendments, with additional modifications listed below.

Item Number 13	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-13-1	Chapter 12	Approve	Accept		Adopt model without amendment.	Approve
HCD 01/21-13-2	1217.5.2 Insulation.	Approve	Accept		HCD is repealing the amendment to this section regarding insulation and poured concrete radiant floor system, correlating with CEC proposals.	Approve
HCD 01/21-13-3	11217.7 (formerly 1217.5.4)	Approve	Accept		HCD is repealing the amendment to this section regarding insulation and piping installed in the stud wall cavity or the ceiling joist cavity, correlating with CEC proposals.	Approve
HCD 01/21-13-4	1220.4.5 (formerly 1220.2.5)	Approve	Accept		HCD is repealing the amendment to this section regarding insulation and poured concrete snow melt system, correlating with CEC proposals.	Approve

**CHAPTER 13 - FUEL GAS PIPING**

Adopt Chapter 13 from the 2021 UMC into the 2022 CMC, without amendment.

Item Number 14	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-14-1	Chapter 13	Approve	Accept		Adopt model without amendment.	Approve

**CHAPTER 14 - PROCESS PIPING**

HCD Does not adopt Chapter 14 of the 2021 UMC.

Item Number 15	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-15-1	Chapter 14	Approve	Accept		HCD does not adopt.	Approve

**CHAPTER 15 – SOLAR ENERGY SYSTEMS**

Adopt Chapter 15 from the 2021 UMC into the 2022 CMC, with existing California amendments.

Item Number 16	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-16-1	Chapter 15	Approve	Accept		Adopt model and carry forward existing CA amendments.	Approve

**CHAPTER 16 – STATIONARY POWER PLANTS**

Adopt Chapter 16 from the 2021 UMC into the 2022 CMC, without amendment.

Item Number 17	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-17-1	Chapter 16	Approve	Accept		Adopt model without amendment.	Approve

**CHAPTER 17 – REFERENCED STANDARDS**

Adopt Chapter 17 from the 2021 UMC into the 2022 CMC, without amendment.

Item Number 18	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-18-1	Chapter 17	Approve	Accept		Adopt model without amendment.	Approve

**APPENDIX A - RESIDENTIAL PLANS EXAMINER REVIEW FORM FOR HVAC SYSTEM DESIGN (LOADS, EQUIPMENT, DUCTS) [ACCA]**

HCD Does not adopt Appendix A of the 2021 UMC.

Item Number 19	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-19-1	Appendix A	Approve	Accept		HCD does not adopt. Carry forward existing appendix note.	Approve

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

HCD Does not adopt Appendix B of the 2021 UMC.

Item Number 20	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-19-1	Appendix B	Approve	Accept		HCD does not adopt. Carry forward existing appendix note.	Approve

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

HCD Does not adopt Appendix C of the 2021 UMC.

Item Number 21	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-21-1	Appendix C	Approve	Accept		HCD does not adopt. Carry forward existing appendix note.	Approve

**APPENDIX D - FUEL SUPPLY: MANUFACTURED/MOBILE HOME PARKS AND RECREATIONAL VEHICLE PARKS**

HCD Does not adopt Appendix D of the 2021 UMC.

Item Number 22	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-22-1	Appendix D	Approve	Accept		HCD does not adopt. Carry forward existing appendix note.	Approve

**APPENDIX E - SUSTAINABLE PRACTICES**

HCD Does not adopt Appendix E of the 2021 UMC.

Item Number 23	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-23-1	Appendix E	Approve	Accept		HCD does not adopt. Carry forward existing appendix note.	Approve

**APPENDIX F- GEOTHERMAL ENERGY SYSTEMS**

HCD Does not adopt Appendix F of the 2021 UMC.

Item Number 24	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-24-1	Appendix F	Approve	Accept		HCD does not adopt. Carry forward existing appendix note.	Approve

**APPENDIX G - SIZING OF VENTING SYSTEMS AND OUTDOOR COMBUSTION AND VENTILATION OPENING DESIGN**

HCD Does not adopt Appendix G of the 2021 UMC.

Item Number 25	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-25-1	Appendix G	Approve	Accept		HCD does not adopt. Carry forward existing appendix note.	Approve

**APPENDIX H - EXAMPLE CALCULATION OF OUTDOOR AIR RATE**

HCD Does not adopt Appendix H of the 2021 UMC.

Item Number 26	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/21-26-1	Appendix H	Approve	Accept		HCD does not adopt. Carry forward existing appendix note.	Approve