![ COMMISSION ACTION MATRIX-GREEN   AGENCY: DIVISION OF THE STATE ARCHITECT – STRUCTURAL SAFETY [DSA-SS 03/18]                                               2019 CALIFORNIA MECHANICAL CODE CCR, TITLE 24, PART 4 (2018 UMC) 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  CAC Actions: AA = Approve as amended AS = Approve as submitted D = Disapprove  FS = Further Study  Agency Response: A = Accept           D = Disagree W/D = Withdraw  Amendments, if indicated by agency S = Statutory E = Existing 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 (DSA-SS)**

**CHAPTER 1 – ADMINISTRATION**

Continue Chapter 1, Division I (California Administration) of the 2016 triennial edition of the CMC for publication in the 2019 triennial edition of the CMC, with DSA proposed editorial amendments as shown below

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| **Item Number** | **Code Section** | **Type of amend-****ment****(S, E, N)** | **CAC:****(AS, AA,****D, FS,** **STFS)** | **Agency Response to CAC****(A, D, W/D)** | **45-Day Comments****(AS, AA, D, FS)** | **Annotations** | **CBSC Action (AS, AA, D, FS)** |
|  | *DIVISION I CALIFORNIA ADMIN* | E | **AS** | **A** |  | Editorial Change to italics |  |
|  | 1.1.1 Title | E | **AS** | **A** |  | Editorial amend |  |
|  | *~~1.9.2.1 Adopting Agency Identification~~* | E | **AS** | **A** |  | Relocate language to Item 03/18-11 below |  |
|  | 1.9.2.~~2.~~1 Adopting Agency Identification | E | **AS** | **A** |  | Editorial amend & relocated |  |
|  | Enforcing Agency | E | **AS** | **A** |  | Amend  |  |
|  | *1.9.2.1.1Adopting Agency Identification* | N | **AS** | **A** |  | Relocated and amended code section |  |
|  | *~~1.9.2.3.Adopting Agency Identification~~* | E | **AS** | **A** |  | Repeal langue (see section 1.9.2.1.1 above) |  |
|  | *1.9.2.2. ~~4~~*  | E  | **AS** | **A** |  | Renumber and add parenthesis |  |
|  | *1.9.2.2;**Application* | E | **AS** | **A** |  | Renumber |  |
|  | *1.9.2.2;**Enforcing Agency* | E | **AS** | **A** |  | Amend  |  |
|  | *1.9.2.2;**References,**1.9.2.2.1 Adopting Agency Identification* | E/N | **AS** | **A** |  | Relocated language from Item 03/18-3 with editorial renumber |  |
|  | *DIVISION II*~~DIVISION II~~ | E | **AS** | **A** |  | Editorial Change to italics |  |
|  | 101.1 Title;*California Mechanical Code* | E | **AS** | **A** |  | Editorial Amend.Change code name from Uniform to California  |  |

**CHAPTER 2 - DEFINITIONS**

Repeal Chapter 2 (Definitions) of the 2015 edition UMC.

Adopt Chapter 2 (Definitions) of the 2018 edition UMC with existing California amendments carried forward for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 2 (Definitions) of the 2015 edition UMC.Adopt Chapter 2 (Definitions) of the 2018 edition UMC with existing California amendments carried forward for publication in the 2019 triennial edition of the CMC. |  |

**CHAPTER 3 - GENERAL REGULATIONS**

Repeal Chapter 3 (General Requirements) of the 2015 edition UMC.

Adopt Chapter 3 (General Requirements) of the 2018 edition UMC with existing California amendments carried forward for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 3 (General Requirements) of the 2015 edition UMC.Adopt Chapter 3 (General Requirements) of the 2018 edition UMC with existing California amendments carried forward for publication in the 2019 triennial edition of the CMC. See amendments below. |  |
|  | 312.1 | E | **AS** | **A** |  | Editorial |  |

**CHAPTER 4 - VENTILATION AIR SUPPLY**

Repeal Chapter 4 (Ventilation Air Supply) of the 2015 edition UMC.

Adopt Chapter 4 (Ventilation Air Supply) of the 2018 edition UMC with existing California amendments carried forward for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 4 (Ventilation Air Supply) of the 2015 edition UMC.Adopt Chapter 4 (Ventilation Air Supply) of the 2018 edition UMC with existing California amendments carried forward for publication in the 2019 triennial edition of the CMC. See amendments below. |  |
|  | *401.2.Filters* | E/N | **AS** | **A** |  | Relocated from Chapter 5 Section 503.3 with amendments |  |
|  | *401.2.Filters;**Repeal Exception ~~1~~*  | E/N | **AS** | **A** |  | Relocated from Chapter 5 Section 503.3 with amendments.CAC: Voted ASPost CAC DSA: proposes to repeal exception 1 and renumber exception 2 to exception 1 based on CEC recommendations. Coordinate with BSC on a co-adopted language. |  |
|  | *401.2.1 Labeling* | E/N | **AS** | **A** |  | Relocated from Chapter 5 Section 503.3.1 with amendments |  |
|  | 402.1 Occupied Spaces | E | **AS** | **A** |  | Amend |  |

**CHAPTER 5 - EXHAUST SYSTEMS**

Repeal Chapter 5 (Exhaust Systems) of the 2015 edition UMC.

Adopt Chapter 5 (Exhaust Systems) of the 2018 edition UMC with existing DSA and California amendments carried forward for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 5 (Exhaust Systems) of the 2015 edition UMC.Adopt Chapter 5 (Exhaust Systems) of the 2018 edition UMC with existing DSA and California amendments carried forward for publication in the 2019 triennial edition of the CMC. See amendments below. |  |
|  | *~~503.3 Filters~~* | E | **AS** | **A** |  | Relocate to Chapter 4 Section 401.2 with amendments |  |
|  | *~~503.3 Filters;~~**~~Exception 1 & 2~~* | E | **AS** | **A** |  | Relocate to Chapter 4 Section 401.2 with amendments |  |
|  | *~~503.3.1 Labeling~~* | E | **AS** | **A** |  | Relocate to Chapter 4 Section 401.2.1  |  |
|  | *513.2.2 standard;**Exceptions & Exception 2* | E | **AS** | **A** |  | Editorial amendment |  |

**CHAPTER 6 - DUCT SYSTEMS**

Repeal Chapter 6 (Duct Systems) of the 2015 edition UMC.

Adopt Chapter 6 (Duct Systems) of the 2018 edition UMC with existing California amendments carried forward for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 6 (Duct Systems) of the 2015 edition UMC.Adopt Chapter 6 (Duct Systems) of the 2018 edition UMC with existing California amendments carried forward for publication in the 2019 triennial edition of the CMC. |  |

**CHAPTER 7 - COMBUSTION AIR**

Repeal Chapter 7 (Combustion Air) of the 2015 edition UMC.

Adopt Chapter 7 (Combustion Air) of the 2018 edition UMC without amendment for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 7 (Combustion Air) of the 2015 edition UMC.Adopt Chapter 7 (Combustion Air) of the 2018 edition UMC without amendment for publication in the 2019 triennial edition of the CMC. |  |

**CHAPTER 8 - CHIMNEYS AND VENTS**

Repeal Chapter 8 (Chimneys and Vents) of the 2015 edition UMC.

Adopt Chapter 8 (Chimneys and Vents) of the 2018 edition UMC without amendment for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 8 (Chimneys and Vents) of the 2015 edition UMC.Adopt Chapter 8 (Chimneys and Vents) of the 2018 edition UMC without amendment for publication in the 2019 triennial edition of the CMC.  |  |

**CHAPTER 9 - INSTALLATION OF SPECIFIC APPLIANCES**

Repeal Chapter 9 (Installation of Specific Appliances) of the 2015 edition UMC.

Adopt Chapter 9 (Installation of Specific Appliances) of the 2018 edition UMC without amendment for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 9 (Installation of Specific Appliances) of the 2015 edition UMC.Adopt Chapter 9 (Installation of Specific Appliances) of the 2018 edition UMC without amendment for publication in the 2019 triennial edition of the CMC.  |  |

**CHAPTER 10 - STEAM AND HOT WATER BOILERS**

Repeal Chapter 10 (Boilers and Pressure Vessels) of the 2015 edition UMC.

Adopt Chapter 10 (Boilers and Pressure Vessels) of the 2018 edition UMC without amendment for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 10 (Boilers and Pressure Vessels) of the 2015 edition UMC.Adopt Chapter 10 (Boilers and Pressure Vessels) of the 2018 edition UMC without amendment for publication in the 2019 triennial edition of the CMC.  |  |

**CHAPTER 11 - REFRIGERATION**

Repeal Chapter 11 (Refrigeration) of the 2015 edition UMC.

Adopt Chapter 11 (Refrigeration) of the 2018 edition UMC without DSA amendment for publication in the 2018 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 11 (Refrigeration) of the 2015 edition UMC.Adopt Chapter 11 (Refrigeration) of the 2018 edition UMC with existing amendment for publication in the 2019 triennial edition of the CMC. |  |

**CHAPTER 12 - HYDRONICS**

Repeal Chapter 12 (Hydronics) of the 2015 edition UMC.

Adopt Chapter 12 (Hydronics) of the 2018 edition UMC without DSA amendment for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 12 (Hydronics) of the 2015 edition UMC.Adopt Chapter 12 (Hydronics) of the 2018 edition UMC without DSA amendment for publication in the 2019 triennial edition of the CMC. |  |

**CHAPTER 13 - FUEL GAS PIPING**

Repeal Chapter 13 (Fuel Gas Piping) of the 2015 edition UMC.

Adopt Chapter 13 (Fuel Gas Piping) of the 2018 edition UMC without DSA amendment for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 13 (Fuel Gas Piping) of the 2015 edition UMC.Adopt Chapter 13 (Fuel Gas Piping) of the 2018 edition UMC without DSA amendment for publication in the 2019 triennial edition of the CMC. |  |

**CHAPTER 14 - PROCESS PIPING**

Repeal Chapter 14 (Process Piping) of the 2015 edition UMC.

Adopt Chapter 14 (Process Piping) of the 2018 edition UMC without DSA amendment for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 14 (Process Piping) of the 2015 edition UMC.Adopt Chapter 14 (Process Piping) of the 2018 edition UMC without DSA amendment for publication in the 2019 triennial edition of the CMC |  |

**CHAPTER 15 - SOLAR SYSTEMS**

Repeal Chapter 15 (Solar Systems) of the 2015 edition UMC.

Adopt Chapter 15 (Solar Systems) of the 2018 edition UMC without DSA amendment for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 15 (Solar Systems) of the 2016 edition UMC.Adopt Chapter 15 (Solar Systems) of the 2018 edition UMC without DSA amendment for publication in the 2019 triennial edition of the CMC |  |

**CHAPTER 16 - STATIONARY POWER PLANTS**

Repeal Chapter 16 (Stationary Power Plants) of the 2015 edition UMC.

Adopt Chapter 16 (Stationary Power Plants) of the 2018 edition UMC without DSA amendment for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 16 (Stationary Power Plants) of the 2015 edition UMC.Adopt Chapter 16 (Stationary Power Plants) of the 2018 edition UMC without DSA amendment for publication in the 2019 triennial edition of the CMC. |  |

**CHAPTER 17 - REFERENCED STANDARDS**

Repeal Chapter 17 (Referenced Standards) of the 2015 edition UMC.

Adopt Chapter 17 (Referenced Standards) 2018 edition UMC with DSA amendments continued for publication in the 2019 triennial edition of the CMC.

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|  | Entire Chapter | E | **AS** | **A** |  | Repeal Chapter 17 (Referenced Standards) of the 2015 edition UMC.Adopt Chapter 17 (Referenced Standards) 2018 edition UMC with DSA amendments continued for publication in the 2019 triennial edition of the CMC. |  |

**APPENDIX CHAPTER A – RESIDENTIAL PLAN EXAMINER REVIEW FORM FOR HVAC SYSTEM DESIGN**

DSA is not proposing the adoption of Appendix A (Residential Plan Examiner Review Form for HVAC System Design) of the 2018 edition UMC. DSA did not adopt Appendix A (Residential Plan Examiner Review Form for HVAC System Design) of the 2015 edition UMC.

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

DSA is not proposing the adoption of Appendix B (Procedures to be Followed to Place Gas Equipment in Operation) of the 2018 edition UMC. DSA did not adopt Appendix B (Procedures to be Followed to Place Gas Equipment in Operation) of the 2015 edition UMC.

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

DSA is not proposing the adoption of Appendix C (Installation and Testing of Oil [Liquid] Fuel-Fired Equipment) of the 2018 edition UMC. DSA did not adopt Appendix C (Installation and Testing of Oil [Liquid] Fuel-Fired Equipment) of the 2015 edition UMC.

**APPENDIX D-Fuel Supply: Manufactured/Mobile Home Parks and Recreational Vehicle Parks**

DSA is proposing to adopt Appendix D (Fuel Supply: Manufactured/Mobile Home Parks and Recreational Vehicle Parks) of the 2018 edition UMC. DSA adopted Appendix D (Fuel Supply: Manufactured/Mobile Home Parks and Recreational Vehicle Parks) of the 2015 edition UMC.

**APPENDIX E-SUSTAINABLE PRACTICES**

DSA is not proposing the adoption of Appendix E (Sustainable Practices) of the 2018 edition UMC. DSA did not adopt Appendix E (Sustainable Practices) of the 2015 edition UMC.

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

DSA is not proposing the adoption of Appendix F (Sizing of Venting Systems and Outdoor Combustion and Ventilation Opening Design) of the 2018 edition UMC. DSA did not adopt Appendix F (Sizing of Venting Systems and Outdoor Combustion and Ventilation Opening Design) of the 2015 edition UMC.

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

DSA is not proposing the adoption of Appendix G (Example Calculation of Outdoor Air Rate) of the 2018 edition UMC. DSA did not adopt Appendix G (Example Calculation of Outdoor Air Rate) of the 2015 edition UMC.

(All existing amendments that are not revised above shall continue without any change)