APPROVED BY THE CALIFORNIA BUILDING STANDARDS COMMISSION

DECEMBER 17, 2024

# COMMISSION ACTION MATRIX plumbing, electrical, mechanical, energy (peme) code advisory COMMITTEE

## 2025 california mechanical code, TITLE 24, PART 4, 2024 uniform mechanical codeAGENCY: the department of housing and community development, HCD 02/24

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**Matrix Paper Color** (for commission action only): GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required

If using assistive technology, please adjust your settings to recognize underline, strikeout, italic and ellipsis.

* Model Code language appears upright
* Existing California amendments appear in *italic*
* Amended model code or new California amendments appear *underlined & italic*
* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*
* Ellipses (…) indicate existing text remains unchanged

### ITEM 1, Chapter 1 – *Division i California Administration*

Bring forward existing California amendments from the 2022 CMC into the 2025 CMC with modification as listed below.

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| **HCD-02/24****Item Number 1** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 1-1 | ***1.1.1 Title*** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to modify the existing amendment. | **Approve** |

### ITEM 2, Chapter 1 – division ii administration

Adopt Chapter 1, Division II, Section 104.2 only from the 2024 UMC into the 2025 CMC without amendments.

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| **HCD-02/24****Item Number 2** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 2-1 | **104.2 Exempt Work** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt 104.2 only from Chapter 1, Division II. | **Approve** |

### ITEM 3, Chapter 2 - Definitions

Adopt Chapter 2 from 2024 UMC and carry forward existing amendments from 2022 CMC into the 2025 CMC without modification.

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| **HCD-02/24****Item Number 3** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 3-1 | **Chapter 2** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 2 and carry forward existing amendments. | **Approve** |

### ITEM 4, Chapter 3 – general regulations

Adopt Chapter 3 from the 2024 UMC and carry forward existing amendments from the 2022 CMC into the 2025 CMC without modification.

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| **HCD-02/24****Item Number 4** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 4-1 | **Chapter 3** | **Approve** | **Accept** | No Public Comment Received | HCD proposes to adopt Chapter 3 and carry forward existing amendments. | **Approve** |

### ITEM 5, Chapter 4 – ventilation air

Adopt Chapter 4 from the 2024 UMC and carry forward existing amendments from the 2022 CMC into the 2025 CMC without modification.

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| **HCD-02/24****Item Number 5** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 5-1 | **Chapter 4** | **Approve** | **Accept** | No Public Comment Received  | HCD proposes to adopt Chapter 4 and carry forward existing amendments. | **Approve** |

### ITEM 6, Chapter 5 – exhaust systems

Adopt Chapter 5 from the 2024 UMC into the 2025 CMC without amendments.

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| **HCD-02/24****Item Number 6** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 6-1 | **Chapter 5** | **Approve** | **Accept** | No Public Comment Received | HCD proposes to adopt Chapter 5. | **Approve** |

### ITEM 7, Chapter 6 – Duct Systems

Adopt Chapter 6 from the 2024 UMC (except Section 603.9.2) and carry forward existing amendments from the 2022 CMC into the 2025 CMC without modification.

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| **HCD-02/24****Item Number 7** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 7-1 | **Chapter 6** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 6 (except Section 603.9.2) and carry forward existing amendments. | **Approve** |

### ITEM 8, Chapter 7 – combustion air

Adopt Chapter 7 from the 2024 UMC into the 2025 CMC without amendments.

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| **HCD-02/24****Item Number 8** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 8-1 | **Chapter 7** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 7. | **Approve** |

### ITEM 9, Chapter 8 – chimneys and vents

Adopt Chapter 8 From the 2024 UMC into the 2025 CMC without amendments.

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| **HCD-02/24****Item Number 9** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 9-1 | **Chapter 8** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 8. | **Approve** |

### ITEM 10, Chapter 9 – installation of specific appliances

Adopt Chapter 9 from the 2024 UMC (except Sections 929.0 and 929.1) and carry forward existing amendments from the 2022 CMC into the 2025 CMC without modification.

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| **HCD-02/24****Item Number 10** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 10-1 | **Chapter 9** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 9 (except Sections 929.0 & 929.1) and carry forward existing amendments. | **Approve** |

### ITEM 11, Chapter 10 – boilers and pressure vessels

Adopt Chapter 10 from the 2024 UMC and carry forward existing amendments from the 2022 CMC into the 2025 CMC without modification.

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| **HCD-02/24****Item Number 11** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 11-1 | **Chapter 10** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 10 and carry forward existing amendments. | **Approve** |

### ITEM 12, Chapter 11 – Refrigeration

Adopt Chapter 11 from the 2024 UMC into the 2025 CMC without amendments.

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| **HCD-02/24****Item Number 12** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 12-1 | **Chapter 11** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 11. | **Approve** |

### ITEM 13, Chapter 12 – hydronics

Adopt Chapter 12 from the 2024 UMC and carry forward existing amendments from the 2022 CMC into the 2025 CMC without modification.

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| **HCD-02/24****Item Number 13** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 13-1 | **Chapter 12** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt chapter 12 and carry forward existing amendments. | **Approve** |

### ITEM 14, Chapter 13 – fuel gas piping

Adopt Chapter 13 from the 2024 UMC into the 2025 CMC without amendments.

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| **HCD-02/24****Item Number 14** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 14-1 | **Chapter 13** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 13. | **Approve** |

### ITEM 15, Chapter 14 – process piping

Do not adopt Chapter 14 from the 2024 UMC.

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| **HCD-02/24****Item Number 15** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 15-1 | **Chapter 14** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Chapter 14. | **Approve** |

### ITEM 16, Chapter 15 – solar energy systems

Adopt Chapter 15 from the 2024 UMC and carry forward existing amendments from the 2022 CMC into the 2025 CMC without modification.

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| **HCD-02/24****Item Number 16** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 16-1 | **Chapter 15** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 15 and carry forward existing amendments. | **Approve** |

### ITEM 17, Chapter 16 – stationary power plants

Adopt Chapter 16 from the 2024 UMC into the 2025 CMC without amendment.

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| **HCD-02/24****Item Number 17** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 17-1 | **Chapter 16** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 16 | **Approve** |

### ITEM 18, Chapter 17 – geothermal energy systems and ambient temperature loops

Adopt Chapter 17 from the 2024 UMC into the 2025 CMC without amendment.

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| **HCD-02/24****Item Number 18** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 18-1 | **Chapter 17** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 17. | **Approve** |

### ITEM 19, Chapter 18 – referenced standards

Adopt Chapter 18 from the 2024 UMC into the 2025 CMC without amendment.

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| **HCD-02/24****Item Number 19** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 19-1 | **Chapter 18**  | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 18. | **Approve** |

### ITEM 20, Appendix A - residential plans examiner review form for HVAC System design

Do not adopt Appendix A from the 2024 UMC.

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| **HCD-02/24****Item Number 20** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 20-1 | **Appendix A** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to not adopt this Appendix. | **Approve** |

### ITEM 21, Appendix B – procedures to be followed to place gas equipment in operation

Do not adopt Appendix B from the 2024 UMC.

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| **HCD-02/24****Item Number 21** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 21-1 | **Appendix B** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to not adopt this Appendix. | **Approve** |

### ITEM 22, appendix c – installation and testing of oil (liquid) fuel fired equipment

Do not adopt Appendix C from the 2024 UMC.

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| **HCD-02/24****Item Number 22** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 22-1 | **Appendix C** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to not adopt this Appendix. | **Approve** |

### ITEM 23, Appendix d – fuel supply: manufactured/mobilehome parks and recreational vehicle parks

Do not adopt Appendix D from the 2024 UMC.

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| **HCD-02/24****Item Number 23** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 23-1 | **Appendix D** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to not adopt this Appendix. | **Approve** |

### ITEM 24, Appendix E – sustainable practices

Do not adopt Appendix E from the 2024 UMC.

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| **HCD-02/24****Item Number 24** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 24-1 | **Appendix E** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to not adopt this Appendix. | **Approve** |

### ITEM 25, appendix f – size of venting systems and outdoor combustion and ventilation opening design

Do not adopt Appendix F from the 2024 UMC.

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| **HCD-02/24****Item Number 25** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 25-1 | **Appendix F** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to not adopt this Appendix. | **Approve** |

### ITEM 26, appendix G – example calculation of outdoor air rate

Do not adopt Appendix G from the 2024 UMC.

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| **HCD-02/24****Item Number 26** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 26-1 | **Appendix G** | **Approve** | **Accept** |  | HCD proposes to not adopt this Appendix. | **Approve** |

### ITEM 27, appendix h – professional qualifications

Do not adopt Appendix H from the 2024 UMC.

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| **HCD-02/24****Item Number 27** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 27-1 | **Appendix H** | **Approve** | **Accept** |  | HCD proposes to not adopt this Appendix. | **Approve** |

### ITEM 28, appendix i – indoor horticultural facilities

Do not adopt Appendix I from the 2024 UMC.

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| **HCD-02/24****Item Number 28** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 28-1 | **Appendix I** | **Approve** | **Accept** |  | HCD proposes to not adopt this Appendix. | **Approve** |

### ITEM 29, appendix j – clean air delivery

Do not adopt Appendix J from the 2024 UMC.

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| **HCD-02/24****Item Number 29** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 29-1 | **Appendix J** | **Approve** | **Accept** |  | HCD proposes to not adopt this Appendix. | **Approve** |