

COMMISSION ACTION MATRIX – APPROVED BY THE CALIFORNIA BUILDING STANDARDS COMMISSION DECEMBER 14, 2021
2022 CALIFORNIA PLUMBING CODE, TITLE 24, PART 5, 2021 UNIFORM PLUMBING CODE
AGENCY: DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT (HCD 02/21)

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Matrix Paper Color (for commission action only): GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required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

HCD proposes to bring forward existing California amendments from the 2019 CPC with modifications listed below:

Item Number 1	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-1-1	1.1.1	Approve	Accept		Continue adoption with modification to update UPC reference from 2018 to 2021 UPC.	Approve
HCD 02/21-1-2	1.1.7.3.1	Approve	Accept		Continue adoption with editorial modifications.	Approve
HCD 02/21-1-3	1.1.8.1	Approve	Accept		Continue adoption with non-substantive editorial modification.	Approve
HCD 02/21-1-4	1.1.9	Approve	Accept		Continue adoption with modification to renumber referenced section number.	Approve
HCD 02/21-1-5	1.8.2.1.1 1.8.2.1.2 1.8.2.1.3	Approve	Accept		Continue adoption with a modification to update authority and reference for HCD 1, HCD 2, HCD 1-AC	Approve

CHAPTER 1, DIVISION II ADMINISTRATION

HCD proposes only to adopt the Section listed below from the 2021 UPC.

Item Number 2	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-2-1	104.2	Approve	Accept		Propose to adopt Section 104.2 items 1 and 2 only from the 2021 UPC.	Approve

CHAPTER 2 - DEFINITIONS

HCD proposes to adopt the entire Chapter 2 of the 2021 UPC as amended, to carry forward existing amendments (including the deletion of some model code definitions), for use in the 2022 CPC with modifications as listed below:

Item Number 3	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-3-1	Alternate Water Source	Approve	Accept		HCD proposes to repeal California amendment for Alternate water source. HCD proposes to adopt model code definition add a new California amendment.	Approve
HCD 02/21-3-2	Clothes Washer System	Approve	Accept		Propose to bring forward existing amendment with editorial amendment.	Approve
HCD 02/21-3-3	Graywater Diverter Valve	Approve	Accept		Proposes not to adopt definition.	Approve
HCD 02/21-3-4	Submeter	Approve	Accept		Bring forward existing amendment with editorial amendment.	Approve

CHAPTER 3 – GENERAL REGULATIONS

HCD proposes to adopt Chapter 3 from the 2021 UPC and carry forward existing amendments from the 2019 CPC with modifications as listed below:

Item Number 4	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-4-1	301.3.1	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve
HCD 02/21-4-2	301.3.1.1	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve
HCD 02/21-4-3	301.3.1.2	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve
HCD 02/21-4-4	301.6	Approve	Accept		Bring forward existing amendment with editorial (punctuation) modification.	Approve

CHAPTER 4 – PLUMBING FIXTURES AND FIXTURE FITTINGS

HCD proposes to adopt Chapter 4 from the 2021 UPC and carry forward existing amendments from the 2019 CPC with modifications as listed below:
 (Some items shown stricken on the Express Terms are carried forward from 2019 CPC without modification, are not listed below)

Item Number 5	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-5-1	412.1.4	Approve	Accept		Propose to adopt new model code section and renumber section due to California amendments carried forward from the 2019 CPC.	Approve
HCD 02/2-5-2	422.2 422.2.1 422.2.2	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve
HCD 02/21-5-3	422.4 422.4.1	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve
HCD 02/21-5-4	422.5	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve

CHAPTER 5 – WATER HEATERS

HCD proposes to adopt Chapter 5 from the 2021 UPC and carry forward existing amendments from the 2019 CPC without modification.

Item Number 6	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-6-1	Chapter 5	Approve	Accept		Adopt entire Chapter 5 of the 2021 UPC and bring forward existing amendments from the 2019 CPC without modification.	Approve

CHAPTER 6 – WATER SUPPLY AND DISTRIBUTION

HCD proposes to adopt Chapter 6 from the 2021 UPC and carry forward existing amendments from the 2019 CPC with modifications as listed below:

Item Number 7	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-7-1	601.2	Approve	Accept		Bring forward existing amendments and renumber section due to model code reformat.	Approve
HCD 02/21-7-2	601.2.1.2	Approve	Accept		Bring forward existing amendments and renumber section due to model code reformat.	Approve
HCD 02/21-7-3	601.2.2	Approve	Accept		Adopt Section 601.2.2 and renumber section due to model code reformat.	Approve
HCD 02/21-7-4	Table 604.1	Approve	Accept		Bring forward existing Table footnote amendments with amendment to modify HCD banner.	Approve
HCD 02/21-7-5	610.11	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve

CHAPTER 7 – SANITARY DRAINAGE

HCD proposes to adopt Chapter 7 from the 2021 UPC with new amendments and carry forward existing amendments from the 2019 CPC without modifications. (Some items shown stricken on the Express Terms are carried forward from 2019 CPC without modification, are not listed below)

Item Number 8	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-8-1	Table 707.2	Approve	Accept		Adopt Table 707.2 and add new amendment to identify ABS/PVC limitations in the footnotes.	Approve

CHAPTER 8 – INDIRECT WASTES

HCD proposes to adopt Chapter 8 from the 2021 UPC into the 2022 CPC without amendments.

Item Number 9	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-9-1	Chapter 8	Approve	Accept		Adopt Chapter 8 without amendments.	Approve

CHAPTER 9 - VENTS

HCD proposes to adopt Chapter 9 from the 2021 UPC and carry forward existing amendments from the 2019 CPC without modification.

Item Number 10	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-10-1	Chapter 9	Approve	Accept		Adopt Chapter 9 and bring forward existing amendments without modification.	Approve

CHAPTER 10 – TRAPS AND INTERCEPTORS

HCD proposes to adopt Chapter 10 from the 2021 UPC and carry forward existing amendments from the 2019 CPC without modification.

Item Number 11	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-11-1	Chapter 10	Approve	Accept		Adopt Chapter 10 and bring forward existing amendments without modification.	Approve

CHAPTER 11 – STORM DRAINAGE

HCD proposes to adopt Chapter 11 from the 2021 UPC and carry forward existing amendments from the 2019 CPC without modification.

Item Number 12	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-12-1	Chapter 11	Approve	Accept		Adopt Chapter 11 and bring forward existing amendments without modification.	Approve

CHAPTER 12 – FUEL GAS PIPING

HCD proposes to adopt Chapter 12 from the 2021 UPC without amendments.

Item Number 13	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-13-1	Chapter 12	Approve	Accept		Adopt Chapter 12 without amendment.	Approve

CHAPTER 13 – HEALTH CARE FACILITIES AND MEDICAL GAS AND MEDICAL VACUUM SYSTEMS

HCD proposes to not adopt Chapter 13 from the 2021 UPC.

Item Number 14	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-14-1	Chapter 13	Approve	Accept		Not adopted by HCD.	Approve

CHAPTER 14 – FIRESTOP PROTECTION

HCD proposes to not adopt Chapter 14 from the 2021 UPC.

Item Number 15	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-15-1	Chapter 14	Approve	Accept		Not adopted by HCD.	Approve

CHAPTER 15 – ALTERNATE WATER SOURCES FOR NONPOTABLE APPLICATIONS

HCD proposes to adopt Chapter 15 from the 2021 UPC with new amendments and carry forward existing amendments from the 2019 CPC with modifications as listed below:

(Some items shown stricken on the Express Terms are carried forward from 2019 CPC without modification, are not listed below)

Item Number 16	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-16-1	1501.2	Approve	Accept		Adopt with new California amendment to reflect the 2019 CPC which allows “one who demonstrates competency to design.”	Approve
HCD 02/21-16-2	Table 1501.5	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve
HCD 02/21-16-3	1501.5.1	Approve	Accept		Adopt from the 2021 UPC and renumber due to deletion of model code sections 1501.5.1 and 1501.5.2 HCD does not adopt.	Approve
HCD 02/21-16-4	1501.7	Approve	Accept		Bring forward existing amendment with modification to delete reference to EPA water reuse guidelines.	Approve
HCD 02/21-16-5	1502.3.4	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve

Item Number 16	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-16-6	1503.2.2	Approve	Accept		Bring forward existing amendment with modification to provide "approved" diverter valve with the removal of "gray water diverter valve."	Approve
HCD 02/21-16-7	1503.3	Approve	Accept		Bring forward existing amendment with modification to add "gray" for clarification.	Approve
HCD 02/21-16-8	1503.9.3 – 1503.9.7	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve
HCD 02/21-16-9	1504.5 – 1504.7.3	Approve	Accept		HCD continues to not adopt the model code sections and carries forward existing California amendments as renumbered with the same section numbers.	Approve
HCD 02/21-16-10	1504.5.2	Approve	Accept		Bring forward existing amendment with modification to delete address. Renumber the reference to Table 1504.5 to accommodate renumbering in the model code	Approve
HCD 02/21-16-11	Table 1504.5.3	Approve	Accept		Bring forward existing amendment with modification to renumber Table from 1504.7.3 to 1504.5.3 for consistency with the 2019 CPC.	Approve
HCD 02/21-16-12	1504.9.1	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve
HCD 02/21-16-13	1506.9.5	Approve	Accept		Bring forward existing amendment with editorial modification.	Approve

CHAPTER 16 – NONPOTABLE RAINWATER CATCHMENT SYSTEMS

HCD proposes to adopt Chapter 16 from the 2021 UPC with new amendments and carry forward existing amendments from the 2019 CPC with modification as listed below:
 (Some items shown stricken on the Express Terms are carried forward from 2019 CPC without modification, are not listed below)

Item Number 17	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-17-1	1601.2	Approve	Accept		Bring forward existing amendment with new modification to reflect the provisions in the 2019 CPC to allow “one who demonstrates competency to design.”	Approve
HCD 02/21-17-1.1	1601.5	Approve	Accept		HCD to add editorial amendment.	Approve
HCD 02/21-17-2	Table 1601.5	Approve	Accept		HCD continues to not adopt this Table from the 2021 UPC.	Approve
HCD 02/21-17-3	1601.7	Approve	Accept		Bring forward existing amendment and repeal existing referenced section number.	Approve
HCD 02/21-17-4	1602.4	Approve	Accept		Adopt Section with a new amendment to modify for consistency with provisions in Chapter 15.	Approve
HCD 02/21-17-5	1603.4	Approve	Accept		Proposes to adopt model code language from the 2021 UPC and add “impervious” from 1602.9.3 amendment.	Approve
HCD 02/21-17-6	1603.4.1	Approve	Accept		Proposes to adopt model code language from the 2021 UPC and add language from the repealed 1602.9.3 and 1602.9.4 California amendments.	Approve
HCD 02/21-17-7	1603.5.2	Approve	Accept		Bring forward existing amendment and make a grammatical modification and renumber due to model code reformat.	Approve
HCD 02/21-17-8	1603.8	Approve	Accept		Bring forward existing amendment with a modification to add the word “Section” to reference a section number.	Approve
HCD 02/21-17-9	1603.13	Approve	Accept		Bring forward existing amendments with modification to correct the size of mesh screen.	Approve
HCD 02/21-17-10	1605.3.4	Approve	Accept		HCD continues to not adopt this section from the 2021 UPC.	Approve

CHAPTER 17 – REFERENCED STANDARDS TABLES 1701.1 & 1701.2

HCD proposes to adopt Chapter 17 from the 2021 UPC and carry forward existing amendments from the 2019 CPC with modifications as listed below:

Item Number 18	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-18-1	ASTM D1253-2014	Approve	Accept		Modify referenced Section numbers in Table 1701.1.	Approve
HCD 02/21-18-2	IAPMO PS 59-2016	Approve	Accept		Remove from Table 1701.1 and Add to Table 1701.2.	Approve
HCD 02/21-18-3	IAPMO PS 59-2016	Approve	Accept		Added to Table 1701.2	Approve

APPENDIX A – RECOMMENDED RULES FOR SIZING THE WATER SUPPLY SYSTEM

HCD proposes to adopt Appendix A from the 2021 UPC without amendments.

Item Number 19	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-19-1	Appendix A	Approve	Accept		Adopt Appendix A from 2021 UPC.	Approve

APPENDIX B – EXPLANATORY NOTES ON COMBINATION WASTE AND VENT SYSTEMS

HCD proposes not to adopt Appendix B from the 2021 UPC.

Item Number 20	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-20-1	Appendix B	Approve	Accept		Proposes not to adopt Appendix B.	Approve

APPENDIX C – ALTERNATE PLUMBING SYSTEMS

HCD proposes not to adopt Appendix C from the 2021 UPC.

Item Number 21	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-21-1	Appendix C	Approve	Accept		Proposes not to adopt Appendix C.	Approve

APPENDIX D – SIZING STORM WATER DRAINAGE SYSTEMS

HCD proposes to adopt Appendix D from the 2021 UPC without amendments.

Item Number 22	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-22-1	Appendix D	Approve	Accept		Adopt Appendix D from the 2021 UPC.	Approve

APPENDIX E – MANUFACTURED/MOBILE HOME PARKS AND RECREATIONAL VEHICLE PARKS

HCD proposes not to adopt Appendix E from the 2021 UPC.

Item Number 23	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-23-1	Appendix E	Approve	Accept		Proposes not to adopt Appendix E.	Approve

APPENDIX F – FIREFIGHTER BREATHING AIR REPLENISHMENT SYSTEMS

HCD proposes not to adopt Appendix F from the 2021 UPC.

Item Number 24	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-24-1	Appendix F	Approve	Accept		Proposes not to adopt Appendix F.	Approve

APPENDIX G – SIZING OF VENTING SYSTEMS

HCD proposes not to adopt Appendix G from the 2021 UPC.

Item Number 25	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-25-1	Appendix G	Approve	Accept		Proposes not to adopt Appendix G.	Approve

APPENDIX H – PRIVATE SEWAGE DISPOSAL SYSTEMS

HCD proposes to adopt Appendix H from the 2021 UPC.

Item Number 26	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-26-1	Appendix H	Approve	Accept		Adopt Appendix H from the 2021 UPC.	Approve

appendix I – installation standards

HCD proposes to adopt Appendix I – IAPMO IS 31-2014 only from the 2021 UPC without amendment.

Item Number 27	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-27-1	IAPMO IS 31-2014	Approve	Accept		Adopt installation standard for pex tubing systems for hot and cold-water distribution.	Approve
HCD 02/21-27-2	IAPMO IS 26-2019	Approve	Accept		HCD proposes not to adopt trenchless insertion of Polyethylene (PE) pipe for sewer laterals.	Approve
HD 02/21-27-3	IAPMO IS 33-2019	Approve	Accept		HCD proposes not to adopt thrust blocking for rubber gasketed and solvent cement joints.	Approve
HCD 02/21-27-4	TCNA Handbook	Approve	Accept		HCD proposes not to adopt 2018 for ceramic, class, and stone tile installation.	Approve

APPENDIX J – COMBINATION OF INDOOR AND OUTDOOR COMBUSTION AND VENTILATION OPENING DESIGN

HCD proposes not to adopt Appendix J from the 2021 UPC.

Item Number 28	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-28-1	Appendix J	Approve	Accept		Proposes not to adopt Appendix J.	Approve

APPENDIX K – POTABLE RAINWATER CATCHMENT SYSTEMS

HCD proposes not to adopt Appendix K from the 2021 UPC.

Item Number 29	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-29-1	Appendix K	Approve	Accept		Proposes not to adopt Appendix K.	Approve

APPENDIX L – SUSTAINABLE PRACTICES

HCD proposes not to adopt Appendix L from the 2021 UPC.

Item Number 30	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-30-1	Appendix L	Approve	Accept		Proposes not to adopt Appendix L.	Approve

APPENDIX M – PEAK WATER DEMAND CALCULATOR

HCD proposes not to adopt Appendix M from the 2021 UPC.

Item Number 31	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-31-1	Appendix M	Approve	Accept	Al Powers, Che Timmons, Mike Hartley, Jeremy Diaz, Michael Lopes, Honorable Henry Stern, Honorable Wendy Carrillo, Statewide Case Team, Gary Klein All Recommended: Adopt Appendix M	Proposes not to adopt Appendix M.	Approve

APPENDIX N – IMPACT OF WATER TEMPERATURE ON THE POTENTIAL FOR SCALDING AND LEGIONELLA GROWTH.

HCD proposes not to adopt Appendix N from the 2021 UPC.

Item Number 32	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 02/21-32-1	Appendix N	Approve	Accept		Proposes not to adopt appendix N. Adds amendment to provide a note to indicate not mandatory unless referenced in AHJ ordinance.	Approve