

COMMISSION ACTION MATRIX

2022 CALIFORNIA PLUMBING CODE, TITLE 24, PART 5, 2021 UNIFORM PLUMBING CODE

AGENCY: CALIFORNIA BUILDING STANDARDS COMMISSION (BSC 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**Matrix Paper Color (for commission action only):** GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required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

Carry forward existing amendments in Chapter 1, Division I, California Administration with modifications listed below:

Item Number 1	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-1-1	1.1.1	Approve as Submitted	Accept		Carry forward existing amendment in Section 1.1.1 with modification to change the edition of UPC from 2018 to 2021.	
BSC 02/21-1-2	1.1.3.2	Approve as Submitted	Accept		Carry forward existing amendment in Section 1.1.3.2 with modification to a change incorrect location for code users.	

CHAPTER 1, DIVISION II, ADMINISTRATION

BSC proposes to only adopt Section 104.4.3.1 from Division II.

Item Number 2	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-2-1	104.4.3.1	Approve as Submitted	Accept		Propose only to adopt Section 104.4.3.1 to address expiration of permits; statutory requirements from AB 2913.	

**CHAPTER 2 - DEFINITIONS**

BSC 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
BSC 02/21-3-1	Alternate Water Source	Approve as Submitted	Accept		BSC proposes to repeal California amendment from the 2019 CPC and adopt 2021 UPC model code language with an additional California amendment.	
BSC 02/21-3-2	Gray Water Diverter Valve	Approve as Submitted	Accept		BSC proposes not to adopt definition from the 2021 UPC.	
BSC 02/21-3-3	Nonwater Urinal with Drain Cleansing Action	Approve as Submitted	Accept		BSC proposes to adopt model code language which also appears in Section 412.1.4.1. No change to model code language.	
BSC 02/21-3-4	Treated Gray Water	Approve as Submitted	Accept		BSC proposes to bring forward existing amendment with modification to add BSC-CG to the banner to clarify BSC's authority.	

**CHAPTER 3 – GENERAL REGULATION**

BSC proposes to adopt Chapter 3 of the 2021 UPC without amendments into the 2022 CPC.

Item Number 4	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-4-1	Chapter 3	Approve as Submitted	Accept		Adopt Chapter 3 from the 2021 UPC without amendments into the 2022 CPC.	

**CHAPTER 4 – PLUMBING FIXTURES AND FIXTURE FITTINGS**

BSC proposes to adopt Chapter 4 of the 2021 UPC and carry forward existing amendments with new editorial changes as listed below:

Item Number 5	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-5-1	Chapter 4	Approve as Submitted	Accept		BSC proposes to adopt the entire Chapter 4, bring forward existing amendments change numbering sequence to Sections 412.1.3, 412.1.4, and 412.1.4.1	
BSC 02/21-5-2	412.1.4.1	Approve as Submitted	Accept		Bring forward existing amendment from the 2019 CPC with modification to add new model code definition “nonwater urinals with drain cleansing action” to replace “Urinals, Hybrid.” <b>BSC accepts the CAC recommendation but made further modifications to clarify the code (see ISOR).</b>	
BSC 02/21-5-3	Table 422.1	Approve as Submitted	Accept		Carry forward existing Table with amendments from 2019 CPC with a modification to amend the statement at the top of the Table.	

**CHAPTER 5 – WATER HEATERS**

BSC proposes to adopt Chapter 5 from the 2021 UPC without amendments into the 2022 CPC.

Item Number 6	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-6-1	Chapter 5	Approve as Submitted	Accept		BSC proposes to adopt Chapter 5 from the 2021 UPC without amendment.	

**CHAPTER 6 – WATER SUPPLY AND DISTRIBUTION**

BSC proposes to adopt Chapter 6 of the 2021 UPC and carry forward existing amendments with modification as shown below:

Item Number 7	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-7-1	601.2	Approve as Submitted	Accept		BSC is proposing to bring forward existing amendment from the 2019 CPC and renumber code references to align with corresponding exceptions added to 2021 UPC.	

**CHAPTER 7 – SANITARY DRAINAGE, CHAPTER 8 – INDIRECT WASTES, CHAPTER 9 – VENTS, AND CHAPTER 10 – TRAPS AND INTERCEPTORS**

BSC proposes to adopt Chapters 7, 8, 9, and 10 of the 2021 UPC without amendment.

Item Number 8	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-8-1	Chapter 7	Approve as Submitted	Accept		BSC proposes to adopt Chapter 7 from the 2021 UPC without amendment.	
BSC 02/21-8-2	Chapter 8	Approve as Submitted	Accept		BSC proposes to adopt Chapter 8 from the 2021 UPC without amendment.	
BSC 02/21-8-3	Chapter 9	Approve as Submitted	Accept		BSC proposes to adopt Chapter 9 from the 2021 UPC without amendment.	
BSC 02/21-8-4	Chapter 10	Approve as Submitted	Accept		BSC proposes to adopt Chapter 10 from the 2021 UPC without amendment.	

**CHAPTER 11 – STORM DRAINAGE**

BSC proposes to adopt Chapter 11 from the 2021 UPC and carry forward existing amendments from the 2019 CPC into the 2022 CPC without modification.

Item Number 9	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-9-1	Chapter 11	Approve as Submitted	Accept		BSC proposes to bring forward existing amendments from 2019 CPC into the 2022 CPC without modification.	

**CHAPTER 12 – FUEL GAS PIPING**

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

Item Number 10	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-10-1	Chapter 12	Approve as Submitted	Accept		BSC proposes to adopt Chapter 12 from the 2021 UPC without amendment.	

**CHAPTER 13 – HEALTH CARE FACILITIES AND MEDICAL GAS AND MEDICAL VACUUM SYSTEMS, CHAPTER 14 – FIRESTOP PROTECTION**

BSC proposes to not adopt Chapter 13 &amp; 14 from the 2021 UPC.

Item Number 11	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-11-1	Chapter 13	Approve as Submitted	Accept		BSC proposes not to adopt Chapter 13 from the 2021 UPC.	
BSC 02/21-11-2	Chapter 14	Approve as Submitted	Accept		BSC proposes not to adopt Chapter 14 from the 2021 UPC.	

**CHAPTER 15 – ALTERNATE WATER SOURCES FOR NONPOTABLE APPLICATIONS**

BSC proposes to adopt Chapter 15 from the 2021 UPC, propose new amendments and carry forward existing amendments from the 2019 CPC into the 2022 CPC with modifications as listed below:

Item Number 12	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-12-1	1501.2	Approve as Submitted	Accept		Bring forward existing language from the 2019 CPC to continue to allow “one who demonstrates competency to design.”	
BSC 02/21-12-2	1501.5.1	Approve as Submitted	Accept		Adopt from the 2021 UPC and renumber due to deletion of model code sections 1501.5.1 and 1501.5.2 BSC does not adopt.	
BSC 02/21-12-3	1501.7	Approve as Submitted	Accept		Bring forward existing amendment with modification to delete reference to EPA reference. Add “s” on exception and add (1) to accommodate DWR’s added exception.	
BSC 02/21-12-4	1503.1	Approve as Submitted	Accept		Bring forward existing amendment from the 2019 CPC with a modification to add -CG to the BSC banner.	
BSC 02/21-12-5	1503.2.2	Approve as Submitted	Accept		Bring forward existing amendment from the 2019 CPC with modification to add “approved” to the diverter valves.	
BSC 02/21-12-6	1503.2.4	Approve as Submitted	Withdraw		Adopt new amendment from the 2021 UPC to amend section to remove specific type of valve. <b>CAC suggested to remove “rainwater” and use language “diverter valve approved for intended use.” Upon further review, consistent with HCD, BSC is withdrawing its proposed amendment for further study.</b>	
BSC 02/21-12-7	1503.3	Approve as Submitted	Accept		Bring forward existing amendment from the 2019 CPC with modification to add “gray.”	
BSC 02/21-12-8	1503.8.2.1	Approve as Submitted	Accept		Bring forward existing amendment from the 2019 CPC with modification to update the referenced section number to CALGreen and Table 4-1 in the CPC.	

BSC 02/21-12-9	1504.5.5	Approve as Submitted	Accept		BSC originally proposed to renumber Table 1504.5.5 to 1504.5 to be consistent with the 2019 CPC. However, upon further review BSC is withdrawing this renumbering and instead preserving the 2021 UPC renumbering of Table 1504.5.5 and updating the reference to this table in Section 1504.5.2 (3).	
BSC 02/21-12-10	1504.5.2	Approve as Submitted	Accept		BSC proposes to bring forward existing amendment from the 2019 CPC with modification to repeal old address. After CAC, upon further review BSC is renumbering a reference in 1504.5.2 (3) to correctly reference Table 1504.5.5.	
BSC 02/21-12-11	Table 1504.5.3	Approve as Submitted	Accept		BSC proposes to renumber Table to accurately align with corresponding renumbered sections.	
BSC 02/21-12-12	1506.9.5	Approve as Submitted	Accept		BSC proposes to adopt this section from the 2021 UPC and modify for a grammatical correction.	

#### CHAPTER 16 – NONPOTABLE RAINWATER CATCHMENT SYSTEMS

BSC proposes to adopt Chapter 16 of the 2021 UPC, propose new amendments and carry forward existing amendments from the 2019 CPC with modifications as shown below:

Item Number 13	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-13-1	1601.2	Approve as Submitted	Accept		BSC proposes to bring forward existing language from the 2019 CPC to allow one who demonstrates competency to design.	
BSC 02/21-13-2	1601.5.1	Approve as Submitted	Accept		Bring forward renumbering of model code section number from 1601.5.3 to 1601.5.1.	
BSC 02/21-13-3	1601.7	Approve as Submitted	Accept		BSC proposes to renumber code references to align with the 2021 UPC.	

BSC 02/21-13-4	1601.8, 1601.9, 1601.10, 1601.11, 1601.11.1, 1601.11.2, 1601.12	Approve as Submitted	Accept		BSC proposes to adopt previously not adopted sections. Adopt Sections 1601.8, 1601.9, 1601.10, 1601.11, 1601.11.1, 1601.11.2, and 1601.12 from the 2021 UPC.	
BSC 02/21-13-5	1602.4	Approve as Submitted	Accept		BSC proposes to adopt and amend to align with other sections in the code previously amended.	
BSC 02/21-13-6	1602.9.3	Approve as Submitted	Accept		BSC proposes to repeal California amendment from the 2019 CPC and adopt model code language.	
BSC 02/21-13-7	1602.9.6	Approve as Submitted	Accept		BSC proposes to repeal California amendment from the 2019 CPC and adopt model code language.	
BSC 02/21-13-8	1603.4	Approve as Submitted	Accept		BSC proposes to adopt model code language from the 2021 UPC and add "impervious" from 1602.9.3 amendment.	
BSC 02/21-13-9	1603.4.1	Approve as Submitted	Accept		BSC proposes to adopt model code language from the 2021 UPC and add amendment from 1602.9.3 and 1602.9.4.	
BSC 02/21-13-10	1603.5	Further Study	Accept		BSC proposes to adopt model code language from 2021 UPC, add amendment from 1602.9.6. <b>CAC recommendation: FS under criteria #6 Grade and water treatment. BSC accepts the CAC recommendation and has made further modifications to clarify the code (see ISOR)</b>	
BSC 02/21-13-11	1603.5.1	Approve as Submitted	Accept		Adopt Section 1603.5.1 from the 2021 UPC without amendment.	
BSC 02/21-13-12	1603.5.2	Approve as Submitted	Accept		Bring forward existing amendment from the 2019 CPC with a non-substantive change.	
BSC 02/21-13-13	1603.8	Approve as Submitted	Accept		Bring forward existing amendment from the 2019 CPC with a non-substantive change.	
BSC 02/21-13-14	1603.13	Approve as Submitted	Accept		Propose to renumber code references to align with corresponding sections in the 2021 UPC.	



**CHAPTER 17 – REFERENCED STANDARDS TABLE 1701 & 1701.2**

BSC proposes to adopt Chapter 17 with new and existing amendments from the 2019 CPC as listed below:

Item Number 14	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-14-1	ASTM D1235-2014	Approve as Submitted	Accept		Modify referenced Section numbers in Table 1701.1.	
BSC 02/21-14-2	IAPMO PS 59-2016	Approve as Submitted	Accept		Remove from Table 1701.1 and Add to Table 1701.2.	
BSC 02/21-14-3	IAPMO IGC 352-2018	Approve as Submitted	Withdraw		Following the PEME CAC meeting BSC is withdrawing its amendment to Section 1503.2.4. Accordingly, BSC is proposing to remove the reference to IAPMO IGC 352-2018 from Table 1701.2 to be consistent with Section 1503.2.4. There is no intended change in regulatory effect.	

**APPENDIX A, B, D, H AND J**

BSC proposes adoption of the Appendices A, B, D, H, and J from the 2021 UPC without amendments.

Item Number 15	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-15-1	Appendix A	Approve as Submitted	Accept		Adopt Appendix A from the 2021 UPC without amendments.	
BSC 02/21-15-2	Appendix B	Approve as Submitted	Accept		Adopt Appendix B from the 2021 UPC without amendments.	
BSC 02/21-15-3	Appendix D	Approve as Submitted	Accept		Adopt Appendix D from the 2021 UPC without amendments.	
BSC 02/21-15-4	Appendix H	Approve as Submitted	Accept		Adopt Appendix H from the 2021 UPC without amendments.	
BSC 02/21-15-5	Appendix J	Approve as Submitted	Accept		Adopt Appendix J from the 2021 UPC without amendments.	

**APPENDIX I**

BSC proposes to adopt one item from Appendix I and proposes to not adopt new Appendix I items added new in the 2021 UPC as listed below:

Item Number 16	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
BSC 02/21-16-1	IAPMO IS 31-2014	Approve as Submitted	Accept		Propose to adopt IAPMO IS 31-2014 in Appendix I from the 2021 UPC without amendments.	
BSC 02/21-16-1	IAPMO IS 26-2019e2	Approve as Submitted	Accept		Propose to not adopt IAPMO IS 26-2019e2 from Appendix I from the 2021 UPC.	
BSC 02/21-16-2	IAPMO IS 33-2019e1	Approve as Submitted	Accept		Propose to not adopt IAPMO IS 33-2019e1 from Appendix I from the 2021 UPC.	
BSC 02/21-16-3	TCNA Handbook-2018	Approve as Submitted	Accept		Propose to not adopt TCNA Handbook-2018 from Appendix I from the 2021 UPC.	