APPROVED BY THE CALIFORNIA BUILDING STANDARDS COMMISSION

DECEMBER 17, 2024

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

## 2025 california plumbing code, TITLE 24, PART 5, 2024 uniform plumbing codeAGENCY: the california department of housing and community development, hcd 03/24

### 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**Matrix Paper Color** (for commission action only): GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required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* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*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*

Carry forward existing California amendments from 2022 CPC into 2025 CPC with modification as listed below.

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| **HCD 03/24****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 amend this section updating the year to 2024 for the Uniform Plumbing Code. | **Approve** |

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

Adopt Chapter 1 Section 104.2 only from the 2024 UPC in the 2025 CPC Division II without amendments.

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| **HCD 03/24****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. | **Approve** |

### ITEM 3, Chapter 2 – definitions

Adopt Chapter 2 from the 2024 UPC (except: Diverter Valve, Gray Water; Diverter Valve, On-Site Treated Nonpotable Water; and Diverter Valve, Rainwater) and carry forward existing amendments from the 2022 CPC into the 2025 CPC without modifications.

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| **HCD 03/24****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 except for some definitions. | **Approve** |

### ITEM 4, Chapter 3 – general regulations

Adopt Chapter 3 from the 2024 UPC (except Sections 301.3.1, 301.3.1.1, and 301.3.1.2) and carry forward existing amendments from the 2022 CPC into the 2025 CPC with modification as listed below.

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| **HCD 03/24****Item Number 4** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 4-1 | ***~~301.6~~ 301.7 One- and Two Family Dwellings*** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to renumber section number to align with UPC renumbering. | **Approve** |

### ITEM 5, Chapter 4 – plumbing fixtures and fixture fittings

Adopt Chapter 4 from the 2024 UPC and carry forward existing amendments from the 2022 CPC into the 2025 CPC with modifications as listed below.

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| **HCD 03/24****Item Number 5** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 5-1 | **~~408.2~~ 408.3 Water Consumption** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to amend UPC flow rates for body sprays to align with CALGreen. | **Approve** |
| 5-2 | **420.2.2 Kitchen Faucets** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to add metric equivalents. | **Approve** |
| 5-3 | ***~~420.3.1 Pre-Rinse Spray Valves~~*** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to repeal existing amendments. | **Approve** |
| 5-4 | **Table 422.1 MINIMUM PLUMBING FACILITIES** | **Approve** | **Accept** | No Public Comments Received | HCD proposes editorial amendments to table footnotes. | **Approve** |

### ITEM 6, Chapter 5 – water heaters

Adopt Chapter 5 from the 2024 UPC and carry forward existing amendments from the 2022 CPC into the 2025 CPC without modification.

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| **HCD 03/24****Item Number 6** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 6-1 | **Chapter 5** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Chapter 5 and carry forward existing amendments. | **Approve** |

### ITEM 7, Chapter 6 – water supply and distribution

Adopt Chapter 6 (except 609.11) from the 2024 UPC and carry forward existing amendments from the 2022 CPC into the 2025 CPC with modification as listed below.

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| **HCD 03/24****Item Number 7** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 7-1 | **605.9.1 Fittings** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to modify the referenced standard updating to current code NSF/ANSI 14. | **Approve** |

### ITEM 8, Chapter 7 – sanitary drainage

Adopt Chapter 7 from the 2024 UPC and carry forward existing amendments from the 2022 CPC into the 2025 CPC without modification.

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| **HCD 03/24****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 and carry forward existing amendments. | **Approve** |

### ITEM 9, Chapter 8 – indirect wastes

Adopt Chapter 8 from the 2024 UPC into the 2025 CPC without amendments.

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| **HCD 03/24****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 – vents

Adopt Chapter 9 from the 2024 UPC and carry forward existing amendments from the 2022 CPC into the 2025 CPC without modification.

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| **HCD 03/24****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 and carry forward existing amendments. | **Approve** |

### ITEM 11, Chapter 10 – traps and interceptors

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

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| **HCD 03/24****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 – storm drainage

Adopt Chapter 11 from the 2024 UPC and carry forward existing amendments from the 2022 CPC into the 2025 CPC without modification.

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| **HCD 03/24****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 and carry forward existing amendments. | **Approve** |

### ITEM 13, Chapter 12 – fuel gas piping

Adopt Chapter 12 from the 2024 UPC into the 2025 CPC without amendments.

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| **HCD 03/24****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. | **Approve** |

### ITEM 14, Chapter 13 – health care facilities and medical gas and medical vacuum systems

Do not adopt Chapter 13 from the 2024 UPC.

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| **HCD 03/24****Item Number 14** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 14-1 | **Chapter 13** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Chapter 13. | **Approve** |

### ITEM 15, Chapter 14 – firestop protection

Do not adopt Chapter 14 from the 2024 UPC.

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| **HCD 03/24****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 – alternate water sources for nonpotable applications

Propose to adopt Chapter 15 from the 2024 UPC (except sections 1501.5.2, 1502.3.4, 1503.9.3-1503.9.7, 1505 and Table 1501.5) and carry forward existing amendments from the 2022 CPC into the 2025 CPC with modifications as listed below.

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| **HCD 03/24****Item Number 16** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 16-1 | **1501.7 Minimum Water Quality Requirements** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to renumber referenced section to align with UPC. | **Approve** |
| 16-2 | **1503.6 Prohibited Location** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to fix publication error and restore and repeal of model code language. | **Approve** |
| 16-3 | **1503.7 Drawings and Specifications** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to fix publication error and restore and repeal of model code language. | **Approve** |
| 16-4 | **1506.5 Water Pressure** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt new section with amendment to add “gray” to maintain consistency. | **Approve** |
| 16-5 | **1506.10 Design and Installation** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to modify referenced section number to align with UPC. | **Approve** |
| 16-6 | **1506.10.2 Minimum Water Quality** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to modify and add new standard IAPMO IGC 324 as additional standard for minimum water quality. | **Approve** |
| 16-7 | ***~~1506.9.6~~ 1506.10.6 Disinfection*** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to renumber section number to align with UPC. | **Approve** |

### ITEM 17, Chapter 16 – nonpotable rainwater catchment systems

Propose to adopt Chapter 16 of the 2024 UPC (except sections 1601.5.2, 1605.3.4, Table 1601.5) and carry forward existing amendments from the 2022 CPC into the 2025 CPC with modification as listed below.

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| **HCD 03/24****Item Number 17** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 17-1 | **1601.7 Minimum Water Quality Requirements** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to renumber referenced section number to align with UPC. | **Approve** |
| 17-2 | **1603.20 Rainwater Diversion Valves** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to update this section adding “approved” for the diverter valve and remove the referenced standards required for these valves. | **Approve** |
| 17-3 | ***~~1603.5.2~~ 1603.4.1 Disinfection*** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to renumber section number. | **Approve** |

### ITEM 18, Chapter 17 – referenced standards

Adopt Chapter 17 from the 2024 UPC and carry forward existing amendments from the 2022 CPC into the 2025 CPC with modifications as listed below.

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| **HCD 03/24****Item Number 18** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 18-1 | **Table 1701.1**  | **Approve** | **Accept** | No Public Comments Received | HCD proposes to modify the referenced section numbers to align with UPC. | **Approve** |

### ITEM 19, appendix a – recommended rules for sizing the water supply system

Adopt Appendix A from the 2024 UPC and carry forward existing amendments from the 2022 CPC into the 2025 CPC without modification.

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| **HCD 03/24****Item Number 19** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 19-1 | **Appendix A** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Appendix A and carry forward existing amendments. | **Approve** |

### ITEM 20, appendix b – explanatory notes on combination waste and vent systems

Do not adopt Appendix B from the 2024 UPC.

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| **HCD 03/24****Item Number 20** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 20-1 | **Appendix B** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix B | **Approve** |

### ITEM 21, appendix c – alternate plumbing systems

Do not adopt Appendix C from the 2024 UPC.

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| **HCD 03/24****Item Number 21** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 21-1 | **Appendix C** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix C. | **Approve** |

### ITEM 22, appendix d – sizing storm water drainage systems

Adopt Appendix D from the 2024 UPC into the 2025 CPC without amendment.

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| **HCD 03/24****Item Number 22** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 22-1 | **Appendix D** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Appendix D. | **Approve** |

### ITEM 23, appendix e – manufactured/mobile home parks and recreational vehicle parks

Do not adopt Appendix E from the 2024 UPC.

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| **HCD 03/24****Item Number 23** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 23-1 | **Appendix E** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix E. | **Approve** |

### ITEM 24, appendix f – firefighter breathing air replenishment systems

Do not adopt Appendix F from the 2024 UPC.

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| **HCD 03/24****Item Number 24** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 24-1 | **Appendix F** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix F. | **Approve** |

### ITEM 25, appendix g – sizing of venting systems

Do not adopt Appendix G from the 2024 UPC.

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| **HCD 03/24****Item Number 25** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 25-1 | **Appendix G** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix G. | **Approve** |

### ITEM 26, appendix h – private sewage disposal systems

Propose to adopt Appendix H from the 2024 UPC into the 2025 CPC without amendment.

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| **HCD 03/24****Item Number 26** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 26-1 | **Appendix H** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Appendix H. | **Approve** |

### ITEM 27, appendix I – installation standards

Propose to adopt IAPMO IS 31-2022 only from the 2024 UPC into the 2025 CPC without amendment.

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| **HCD 03/24****Item Number 27** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 27-1 | **IAPMO IS 31-2022** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt IAPMO IS 31-2022 from 2024 UPC.  | **Approve** |

### ITEM 28, appendix j – combination of indoor and outdoor combustion and ventilation opening design

Do not adopt Appendix J from the 2024 UPC.

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| **HCD 03/24****Item Number 28** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 28-1 | **Appendix J** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix J | **Approve** |

### ITEM 29, appendix k – potable rainwater catchment systems

Do not adopt Appendix K from the 2024 UPC.

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| **HCD 03/24****Item Number 29** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 29-1 | **Appendix K** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix K. | **Approve** |

### ITEM 30, appendix l – sustainable practices

Do not adopt Appendix L from the 2024 UPC.

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| **HCD 03/24****Item Number 30** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 30-1 | **Appendix L** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix L. | **Approve** |

### ITEM 31, appendix m – peak water demand calculator

Adopt Appendix M from the 2024 UPC and carry forward existing amendments from the 2022 CPC into the 2025 CPC without modification.

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| **HCD 03/24****Item Number 31** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 31-1 | **Appendix M** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Appendix M and carry forward existing amendments. | **Approve** |

### ITEM 32, Appendix n – impact of water temperature on the potential for scalding and legionella growth

Do not adopt Appendix N from the 2024 UPC.

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| **HCD 03/24****Item Number 32** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 32-1 | **Appendix N** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix N. | **Approve** |

### ITEM 33, appendix o – non-sewered sanitation systems

Do not adopt Appendix O from the 2024 UPC.

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| **HCD 03/24****Item Number 33** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 33-1 | **Appendix O** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix O. | **Approve** |

### ITEM 34, appendix p – professional qualifications

Do not adopt Appendix P from the 2024 UPC.

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| **HCD 03/24****Item Number 34** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 34-1 | **Appendix P** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix P. | **Approve** |

### ITEM 35, appendix q – indoor horticultural facilities

Do not adopt Appendix Q from the 2024 UPC.

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| **HCD 03/24****Item Number 35** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 35-1 | **Appendix Q** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix Q. | **Approve** |

### ITEM 36, appendix r – tiny houses

Do not adopt Appendix R from the 2024 UPC.

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| **HCD 03/24****Item Number 36** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 36-1 | **Appendix R** | **Approve** | **Accept** | No Public Comments Received | HCD proposes not to adopt Appendix R. | **Approve** |

### ITEM 37, appendix s – onsite stormwater treatment systems

Adopt Appendix S from the 2024 UPC into the 2025 CPC without amendments.

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| **HCD 03/24****Item Number 37** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 37-1 | **Appendix S** | **Approve** | **Accept** | No Public Comments Received | HCD proposes to adopt Appendix S. | **Approve** |