# COMMISSION ACTION MATRIXplumbing, electrical, mechanical & energy (PEME) CODE ADVISORY COMMITTEE – march 25-26, 2024

## 2025 california electrical code, TITLE 24, PART 3, 2023 national electrical codeAGENCY: office of statewide hospital planning and development, oshpd 01/23

### 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**Matrix Paper Color** (for commission action only): GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required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* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*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, article 89 – general provisions

OSHPD 1, 1R, 2, 3, 4, 5 & 6 propose to carry forward existing California amendments in Article 89 with modifications listed below.

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| **OSHPD 01/23Item Number 1** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 1-1 | ***Article 89*** |  |  |  | OSHPD proposes to replace “health” with “hospital” in each instance where the title “Office of Statewide Health Planning and Development” appears. |  |
| 1-2 | ***89.110.6 OSHPD 6*** |  |  |  | OSHPD proposes to add this new section to align with the new OSHPD banner. |  |

### ITEM 2, Article 90 Introduction

OSHPD 1, 1R, 2, 3, 4, 5 & 6 propose to adopt article 90 of the 2023 NEC without amendment.

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| **OSHPD 01/23Item Number 2** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 2-1 | **Article 90** |  |  |  | OSHPD proposes to adopt Article 90 from the 2023 NEC without amendment. |  |

### ITEM 3, Chapter 1 – General

OSHPD 1, 1R, 2, 3, 4, 5 & 6 propose to adopt Chapter 1 (Articles 100 and 110) of the 2023 NEC, carry forward existing amendments for OSHPD 1, 1R, 2, 3, 4 & 5, and add new amendments listed below.

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| **OSHPD 01/23Item Number 3** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 3-1 | ***Life-Saving Equipment. [OSHPD 2]******Oxygen-Generating Devices. [OSHPD 2]*****Category 1 Space (Category 1).****Category 2 Space (Category 2).** |  |  |  | OSHPD proposes to relocate definitions from Article 517.2 to Article 100 and add appropriate banners. |  |

### ITEM 4, chapter 2 – wiring and protection

OSHPD propose to adopt Chapter 2 Articles 200, 210, 215, 225, 230, 235, 240, 242, 245 and 250 of the 2023 NEC without amendments for OSHPD 1, 1R, 2, 3, 4, 5 & 6, Article 220 without amendments for OSHPD 1, 2, 3, 4, 5 & 6 and repeal existing amendments in Article 220 as listed below.

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| **OSHPD 01/23Item Number 4** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 4-1 | **220.1 Scope.****220.40 General.****220.42 General Lighting.*****~~[OSHPD 1, 2, 3, 4 & 5] Part VI. Health Care Facilities~~*** |  |  |  | OSHPD proposes to repeal all existing OSHPD amendments from Article 220. |  |

### ITEM 5, Chapter 3 – Wiring methods and materias

OSHPD 1, 1R, 2, 3, 4, 5, & 6 propose to adopt Chapter 3 Articles 300, 305, 310, 312, 314, 315, 320, 322, 324, 326, 330, 332, 334, 335, 336, 337, 338, 340, 342, 344, 348, 350, 352, 353, 354, 355, 356, 358, 360, 362, 366, 368, 369, 370, 371, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 393, 394, 395, 396 and 398 of the 2023 NEC without amendment.

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| **OSHPD 01/23Item Number 5** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 5-1 | **Chapter 3**  |  |  |  | OSHPD propose to adopt Chapter 3 from the 2023 NEC without amendment. |  |

### ITEM 6, Chapter 4 – Equipment for General use

OSHPD propose to adopt Chapter 4 Articles 400 and 402, 406, 408, 409, 410, 411, 422, 424, 425, 426, 427, 430, 440, 445, 450, 455, 460, 470, 480 and 495 of the 2023 NEC without amendments for OSHPD 1, 1R, 2, 3, 4, 5 & 6, Article 404 without amendments for for OSHPD 1R, 3 & 6, and carry forward existing amendments with modifications listed below.

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| **OSHPD 01/23Item Number 6** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 6-1 | **404.4 Damp or Wet Locations** |  |  |  | OSHPD proposes to add OSHPD 6 to the banner. |  |
| 6-2 | **406.9 Receptacles in Damp or Wet Locations.** |  |  |  | OSHPD proposes to repeal all existing amendment to Article 406. |  |

### ITEM 7, Chapter 5 – special occupancies

OSHPD 1, 1R, 2, 3, 4, 5 & 6 propose to adopt Articles in Chapter 5 of the 2023 NEC as listed below.

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| **OSHPD 01/23Item Number 7** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 7-1 | **Articles 500, 501, 502, 503, 504, 505, 506 and 515** |  |  |  | OSHPD proposes to adopt these Articles from the 2023 NEC without amendment. |  |
| 7-2 | **Articles 511, 512, 513, 514 and 516** |  |  |  | OSHPD proposes to not adopt these Articles from the 2023 NEC. |  |

### ITEM 8, Article 517 – Health care facilities

OSHPD 1, 1R, 2, 3, 4, 5 & 6 proposes to adopt Article 517 of the 2023 NEC, carry forward existing amendments for OSHPD 1, 2, 3, 4 & 5 with modifications as listed below.

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| **OSHPD 01/23Item Number 8** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 8-1 | **517.1 Scope*****(C) Electrical Equipment Schedules [OSHPD 1, 2, 4, & 5]*** |  |  |  | OSHPD proposes to fix grammatical errors. |  |
| 8-2 | **517.2 Definitions** ***~~Life-Saving Equipment~~*** |  |  |  | OSHPD proposes to relocate to Article 100. |  |
| 8-3 | ***~~Microgrid, Health Care (Health Care Microgrid System)~~******~~Microgrid Control System (MCS)~~*** |  |  |  | OSHPD proposes to repeal as these definitions have been added to the model code text. |  |
| 8-4 | ***~~Oxygen-Generating Devices~~*****~~Category 1 (Critical Care) Space~~****~~Category 2 (General Care) Space~~** |  |  |  | OSHPD proposes to relocate to Article 100. |  |
| 8-5 | ***517.4 Electric Power Sources, Feeders and Services******~~/Systems and Utilities~~.*** |  |  |  | OSHPD proposes to add the OSHPD 6 banner and modify text to address new technologies. |  |
| 8-6 | ***517.8 [OSHPD 1, 2, 3, 4, 5 & ~~5~~6] Artificial Lighting*** |  |  |  | OSHPD proposes to add the OSHPD 6 banner and relocate from 517.22. |  |
| 8-7 | ***517.9 Mobile Medical Facilities*** |  |  |  | OSHPD proposes to relocate from 517.24. |  |
| 8-8 | **517.10(B)(2) Applicability** |  |  |  | OSHPD proposes to repeal this amendment. |  |
| 8-9 | **517.18 Category 2 Spaces. (B)(2)** |  |  |  | OSHPD proposes to repeal Exception 3, renumber Exceptions 4 and 5 and add 1R banner to one of the exceptions. |  |
| 8-10 | ***~~517.22 Artificial Lighting~~******~~517.24 Mobile Medical Facilities~~*** |  |  |  | OSHPD proposes to relocate to 517.8 and 517.9. |  |
| 8-11 | **517.29 Type 1 Essential Electrical Systems *(A.1)*** |  |  |  | OSHPD proposes to revise the banner to apply to Surgical Clinics. |  |
| 8-12 | **517.30 Sources of Power *(A.1) Two Independent Power Sources*** |  |  |  | OSHPD proposes to add text to clarify the EES requirements. |  |
| 8-13 | **517.30 *~~(B.1) Power Sources for the ESS~~*****(B)(3) Battery Systems** |  |  |  | OSHPD proposes to repeal their amendments. |  |
| 8-14 | **517.30 *~~(B)(4) Health Care Microgrid~~*****(B)(5) Health Care Microgrid** |  |  |  | OSHPD proposes to repeal their amendments and add requirements for healthcare microgrids in the model code section. |  |
| 8-15 | **517.30 *(D) Temporary Source of Power for Maintenance or repair of the Alternate Source of Power.*** |  |  |  | OSHPD proposes to add provisions for permanent connection points for temporary sources. |  |
| 8-16 | **517.31 ~~(~~*~~D.1~~*~~)~~ *~~Capacity of Systems.~~*** |  |  |  | OSHPD proposes to repeal this amendment. |  |
| 8-17 | **517.31 (E) Receptacle Identification.** |  |  |  | OSHPD proposes to repeal this amendment, |  |
| 8-18 | **517.31 *(H) [SFM, OSHPD 1, 4 & 5] On-site energy storage systems and fuel supply.*** |  |  |  | OSHPD proposes to add requirements for on-site storage systems and fuel supply. |  |
| 8-19 | **517.41 *(A.1) Two Independent Power Sources.*** |  |  |  | OSHPD proposes to add requirements for two independent power sources. |  |
| 8-20 | **517.41 *~~(B.1) Power Sources for the EES~~******~~(1) Generating Units~~******~~(2) Fuel Cell Systems~~******~~(3) Battery Systems~~******~~(4) Health Care Microgrid~~*** |  |  |  | OSHPD proposes to repeal these amendments. |  |
| 8-21 | **517.41 *(D) Power Sources for the EES.*** |  |  |  | OSHPD proposes to add a list of permitted power sources for the EES. |  |
| 8-22 | **517.41 *(E) Permanent Connection(s) Points for EES Maintenance and Repairs.*** |  |  |  | OSHPD proposes to add a requirement for a permanent connection point for maintenance of the EES. |  |
| 8-23 | **517.42 (E) Receptacle Identification. *~~[OSHPD 1, 2, 4 & 5]~~*** |  |  |  | OSHPD proposes to repeal the OSHPD 1, 2, 4 & 5 banner. |  |
| 8-24 | **517.42 *(G) On-site energy storage systems and fuel supply*** |  |  |  | OSHPD proposes to add requirements for on-site energy storage systems and fuel supply. |  |
| 8-25 | **517.44 (B)*~~(3.1) Optional Connections to the Equipment Branch~~*** |  |  |  | OSHPD proposes to repeal this amendment. |  |
| 8-26 | **517.45 *(E.1) [OSHPD 3 (Surgical Clinics only)]*** |  |  |  | OSHPD proposes specify these requirements are for surgical clinics only. |  |
| 8-27 | **517.45 *~~(G) [OSHPD 3] Ambulatory Surgical Clinics~~******~~(H)(G)~~ [OSHPD 3] Hemodialysis Clinic*** |  |  |  | OSHPD proposes to repeal this amendment and renumber (H) to (G). |  |
| 8-28 | **517.45 *(H) [SFM, OSHPD 3 (Surgical Clinics only)]*** |  |  |  | OSHPD proposes to add requirements for ambulatory surgical clinics. |  |
| 8-29 | **517.63 (A) Battery-Powered Lighting Units** |  |  |  | OSHPD proposes to add the OSHPD 1, 3 & 4 banner and requirements for lighting. |  |
| 8-30 | **517.80 Patient Care Spaces** |  |  |  | OSHPD proposes to remove the banner and amendment. |  |
| 8-31 | ***517.123 [OSHPD 1, 2, 3, 4 & 5] Call Systems*** |  |  |  | OSHPD proposes to modify the amendment. |  |

### ITEM 9, Chapter 5 – Special occupancies

OSHPD 1, 1R, 2, 3, 4, 5 & 6 propose to adopt Articles in Chapter 5 as listed below.

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| **OSHPD 01/23Item Number 9** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 9-1 | **Articles 518, 520, 540, 545 and 590**  |  |  |  | OSHPD proposes to adopt these articles from the 2023 NEC without amendment. |  |
| 9-2 | **Articles 522, 525, 530, 547, 550, 551, 552 and 555**  |  |  |  | OSHPD proposes to not adopt these articles from the 2023 NEC. |  |

### ITEM 10, Chapter 6 – Special equipment

OSHPD 1, 1R, 2, 3, 4, 5 & 6 propose to adopt Chapter 6 of the 2023 NEC as listed below.

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| **OSHPD 01/23Item Number 10** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 10-1 | **Articles 600, 604, 605, 610, 620, 625, 630, 640, 645, 646, 647, 650, 660, 665, 668, 680, 682, 685, 690, 691, 692, 694 and 695**  |  |  |  | OSHPD proposes to adopt:* Articles 600, 604, 605, 610, 625, 630, 640, 645, 646, 647, 650, 660, 665, 668, 680, 682, 685, 690, 691, 692 and 694 without amendments for OSHPD 1, 1R, 2, 3, 4, 5 & 6.
* Article 620 for OSHPD 1, 1R, 2, 3, 4, 5 & 6 and carry forward existing amendment for OSHPD 1.
* Article 695 for OSHPD 1, 1R, 2, 3, 4, 5 & 6 and carry forward existing amendments for OSHPD 1, 1R, 2, 3, 4, & 5.
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| 10-2 | **Articles 626, 669, 670 and 675** |  |  |  | OSHPD proposes to not adopt these articles. |  |

### ITEM 11, Chapter 7 – Special conditions

OSHPD 1, 1R, 2, 3, 4, 5 & 6 propose to adopt Chapter 7 Articles 700, 701, 702, 705, 706, 708, 710, 722, 724, 725, 726, 728, 750, 760 and 770 of the 2023 NEC and carry forward existing amendments for OSHPD 1, 1R, 2, 3, 4, & 5 with modifications as listed below.

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| **OSHPD 01/23Item Number 11** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 7-1 | **700.12 General Requirements. (C) *~~Exception~~*****(D)(2) *~~Exceptions~~*****(G) *~~Exception~~*** |  |  |  | OSHPD proposes to repeal existing amendments. Text is being moved to Article 517 with revisions. |  |
| 7-2 | **Article 705.20 Disconnecting Means, Source** |  |  |  | OSHPD proposes to add the OSHPD 6 banner. |  |
| 7-4 | **Article 708.1 Scop*e [Not required for OSHPD 1, 1R, 2, 3, 4, 5 & ~~5~~6]*** |  |  |  | OSHPD proposes to add the OSHPD 6 banner. |  |

### ITEM 12, Chapter 8 – Communications systmems

OSHPD 1, 1R, 2, 3, 4, 5 & 6 propose to adopt Chapter 8 of the 2023 NEC without amendment.

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| **OSHPD 01/23Item Number 12** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 12-1 | **Articles 800, 805, 810, 820, 830 and 840** |  |  |  | OSHPD proposes to adopt these articles from the 2023 NEC without amendment. |  |

### ITEM 13, Chapter 9 – Tables

OSHPD 1, 1R, 2, 3, 4, 5, & 6 proposes adopt Chapter 9 of the 2023 NEC without amendment.

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| **OSHPD 01/23Item Number 13** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 13 | **Chapter 9 Tables** |  |  |  | OSHPD proposes to adopt Chapter 9 from the 2023 NEC without amendment. |  |

### ITEM 14, Annexes A, B, C, D, E, F, G, H, I AND j

OSHPD 1, 1R, 2, 3, 4, 5 & 6 propose to not adopt the Annexes of the 2023 NEC.

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| **OSHPD 01/23Item Number 14** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 14 | **Annexes** |  |  |  | OSHPD proposes to not adopt the Annexes from the 2023 NEC. |  |