

**FINAL EXPRESS TERMS  
FOR  
PROPOSED BUILDING STANDARDS  
OF THE  
OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT**

**REGARDING PROPOSED CHANGES TO  
CALIFORNIA ELECTRICAL CODE  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3**

LEGEND FOR FINAL EXPRESS TERMS (combination of 45-day and 15-day changes)

1. For 45-day changes, existing California amendments or code language being modified appears in *italics*, with modified language underlined.
2. For 45-day changes, repealed text appears in ~~strikeout~~.
3. For 15-day changes, existing California amendments or code language being modified appears in *italics*, with modified language double underlined.
4. For 15-day changes, repealed text appears in double ~~strikeout~~.

**EXPRESS TERMS**

**ARTICLE 89  
Administration**

Adopt the entire 2007 California Electric Code (CEC) Article without amendments for OSHPD 1, 2, 3 and 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 90  
Introduction**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**CHAPTER 1  
General**

**ARTICLE 100  
Definitions**

Adopt entire 2008 National Electric Code (NEC) Article for OSHPD 1, 2, 3 & 4 with the following modifications:

**Cooking Unit Counter-Mounted. ...**

**Coordination (Selective).** Localization of an overcurrent condition to restrict outages to the circuit or equipment affected, accomplished by the choice of overcurrent protective devices and their ratings or settings, *[OSHPD 1, 2, 3, & 4] utilizing the 0.10 second level of the overcurrent protective device from the time current curve as the basis for the lower limit of the calculation method.*

...

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 110**  
**Requirements for Electrical Installations**

Adopt entire 2008 National Electric Code (NEC) Article and carry forward existing amendments of the 2007 California Electrical Code (CEC) for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**CHAPTER 2**  
**Wiring and Protection**

**ARTICLE 200**  
**Use and Identification of Grounded Conductors**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 1152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 210**  
**Branch Circuits**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 215**  
**Feeders**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 220**  
**Branch-Circuit, Feeder and Service Calculations**

Adopt entire 2008 National Electric Code (NEC) Article for OSHPD 1, 2, 3 & 4 with the following modification:

**220.42. General Lighting.** The demand factors specified in Table 220.42 shall apply to that portion of the total branch-circuit load computed for general illumination. They shall not be applied in determining the number of branch circuits for general illumination.

...

#### **Table 220.42 Lighting Load Demand Factors**

...

The demand factors of this table shall not apply to the calculated load of feeders or services supplying areas in hospitals, hotels, and motels where the entire lighting is likely to be used at one time, as in operating rooms, ballrooms, or dining rooms. [OSHPD 1] The factors of Table 220.42 shall not be applied in the following areas: surgery suite, including recovery, emergency department, kitchen, food service, dining, critical care areas as defined in Article 517, elevator lobbies, corridors, inpatient nurse stations, and loads connected to the life safety branch or the critical branch of the emergency system. Administrative areas shall be included in "All others" Type of Occupancy.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

#### **ARTICLE 225 Outside Branch Circuits and Feeders**

Adopt entire 2008 National Electrical Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

#### **ARTICLE 230 Services**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

#### **ARTICLE 240 Overcurrent Protection**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

#### **ARTICLE 250 Grounding and Bonding**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

#### **ARTICLE 280 Surge Arresters, Over 1kV**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 285**  
**Surge-Protective Devices (SPDs), 1 kV or Less**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**CHAPTER 3**  
**Wiring Methods and Materials**

**ARTICLE 300**  
**Wiring Methods**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 310**  
**Conductors for General Wiring**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 312**  
**Cabinets, Cutout Boxes, and Meter Socket Enclosures**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 314**  
**Outlet, Device Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 320**  
**Armored Cable: Type AC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 322**  
**Flat Cable Assemblies: Type FC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 324**  
**Flat Conductor Cable: Type FCC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 326**  
**Integrated Gas Spacer Cable: Type IGS**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 328**  
**Medium Voltage Cable: Type MV**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 330**  
**Metal-Clad Cable: Type MC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 332**

**Mineral-Insulated, Metal-Sheathed Cable: Type MI**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 334**

**Nonmetallic-Sheathed Cable: Types NM, NMC and NMS**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 336**

**Power and Control Tray Cable: Type TC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 338**

**Service-Entrance Cable: Types SE and USE**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 340**

**Underground Feeder and Branch-Circuit Cable: Type UF**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 342**

**Intermediate Metal Conduit: Type IMC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 344**

**Rigid Metal Conduit: Type RMC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 348**  
**Flexible Metal Conduit: Type FMC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 350**  
**Liquidtight Flexible Metal Conduit: Type LFMC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 352**  
**Rigid Polyvinyl Chloride Conduit: Type PVC**

Repeal existing amendments and adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**II. Installation**

...

**Uses Not Permitted.** PVC conduit shall not be used under the conditions specified in 352.12 (A) through (F)

...

~~(G) [OSHPD 1, 2, 3 & 4] For branch circuits in patient care areas of hospitals, skilled nursing facilities, clinics and correctional treatment centers.~~

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 353**  
**High Density Polyethylene Conduit: Type HDPE Conduit**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 354**  
**Nonmetallic Underground Conduit with Conductors: Type NUCC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 355**  
**Reinforced Thermosetting Resin Conduit Type: RTRC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 356**  
**Liquidtight Flexible Nonmetallic Conduit: Type LFNC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 358**  
**Electrical Metallic Tubing: Type EMT**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 360**  
**Flexible Metallic Tubing: Type FMT**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 362**  
**Electrical Nonmetallic Tubing: Type ENT**

Repeal existing amendments and adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

...

**II. Installation**

**362.12 Uses Not Permitted.** ENT shall not be used in the following:

...

~~(11) [OSHPD 1, 2, 3 & 4] For branch circuits in patient care areas of hospitals, skilled nursing facilities, clinics and correctional treatment centers.~~

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 366  
Auxiliary Gutters**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 368  
Busways**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 370  
Cablebus**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 372  
Cellular Concrete Floor Raceways**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 374  
Cellular Metal Floor Raceways**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 376  
Metal Wireways**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 378  
Nonmetallic Wireways**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 380  
Multioutlet Assembly**

Repeal existing amendments and adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

...

**380.2 Use.**

...

**(B) Not Permitted.** A multioutlet assembly shall not be installed as follows:

...

~~(7) [OSHPD 1, 2, 3 & 4] Nonmetallic multioutlet assembly shall not be used in patient care areas of hospitals, skilled nursing facilities, clinics and correctional treatment centers.~~

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 382  
Nonmetallic Extensions**

Repeal existing amendments and adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

...

**382.12 Uses Not Permitted.** Nonmetallic extensions shall not be used as follows:

...

~~(5) [OSHPD 1, 2, 3 & 4] For branch circuits in patient care areas of hospitals, skilled nursing facilities, clinics and correctional treatment centers.~~

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 384  
Strut-Type Channel Raceway**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 386**  
**Surface Metal Raceways**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 388**  
**Surface Nonmetallic Raceways**

Repeal existing amendments and adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**II. Installation**

...

**388.12 Uses Not Permitted.** Surface nonmetallic raceways shall not be used in the following:

...

~~(8) [OSHPD 1, 2, 3 & 4] Surface nonmetallic raceways shall not be used for branch circuits in patient care areas of hospitals, skilled nursing facilities, clinics and correctional treatment centers, except for low voltage application.~~

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 390**  
**Underfloor Raceways**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 392**  
**Cable Trays**

Repeal existing amendments and adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

...

**392.4 Uses Not Permitted.** Cable tray systems shall not be used in hoistways or where subject to severe physical damage. Cable tray systems shall not be used in ducts, plenums, and other air-handled in 300.22, to support wiring methods recognized for use in such spaces.

~~[OSHPD 1, 2, 3 & 4] Nonmetallic cable trays shall not be used for branch circuits in patient care areas of hospitals, skilled nursing facilities, clinics and correctional treatment centers, except for low voltage application.~~

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 394**  
**Concealed Knob-and-Tube Wiring**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 396**  
**Messenger-Supported Wiring**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 398**  
**OPEN WIRING ON INSULATORS**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**CHAPTER 4**  
**Equipment for General Use**

**ARTICLE 400**  
**Flexible Cords and Cables**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 402**  
**Fixture Wires**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 404**  
**Switches**

Adopt entire 2008 National Electric Code (NEC) Article for OSHPD 3.

Adopt entire 2008 National Electric Code (NEC) Article and carry forward existing amendments of the 2007 CEC for OSHPD 1, 2 & 4 with the following modifications:

**404.4 Damp or Wet Locations.** A surface-mounted switch or circuit breaker in a damp or wet location shall be enclosed in a weatherproof enclosure or cabinet that shall comply with 312.2. A flush-mounted switch or circuit in a damp or wet location shall be equipped with a weatherproof cover. Switches shall not be installed within wet locations in tub or shower spaces unless installed as part of a listed tub or shower assembly.

*[OSHPD 1, 2 & 4] Switches that are not part of a listed tub or shower assembly shall not be installed within shower rooms or stalls, or be accessible from within those areas. Switches shall not be installed within 5 feet (1.52m) of the perimeter of bathtubs or shower stalls.*

...

**404.8 Accessibility and Grouping.**

**(A) Location.**

(1) All switches and circuit breakers used as switches shall be located ...

~~(2) [OSHPD 1, 2 & 4] Switches shall not be installed within shower rooms or stalls or be accessible from within these areas. Switches shall not be installed within 5 feet (1.52 m) of the perimeter of bathtubs.~~

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 406**  
**Receptacles, Cord Connectors, and Attachment Plugs (Caps)**

Adopt entire 2008 National Electric Code (NEC) Article for OSHPD 3.

Adopt entire 2008 National Electric Code (NEC) Article and carry forward existing amendment of the 2007 CEC for OSHPD 1, 2, and 4, with the following modifications:

...

**406.8 Receptacles in Damp or Wet Locations.**

...

**(C) Bathtub and Shower Space.** Receptacle shall not be installed within or stalls or be accessible from within these areas. Receptacles shall not be installed within 5 feet (1.52 m) of the perimeter of bathtubs.

*(1) [OSHPD 1, 2 & 4] Receptacles shall not be installed within shower rooms or stalls or be accessible from within these areas. Receptacles shall not be installed within 5 feet (1.52 m) of the perimeter of bathtubs or shower stalls.*

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 408**  
**Switchboards and Panelboards**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 409**  
**Industrial Control Panels**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 410**  
**Luminaires, Lampholders, and Lamps**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 411**  
**Lighting Systems Operating at 30 Volts or Less**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 422**  
**Appliances**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 424**  
**Fixed Electrical Space-Heating Equipment**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 426**  
**Fixed Outdoor Electric Deicing and Snow-Melting Equipment**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 427**

**Fixed Electric Heating Equipment for Pipelines and Vessels**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 430**

**Motors, Motor Circuits, and Controllers**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 440**

**Air-Conditioning and Refrigerating Equipment**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 445**

**Generators**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 450**

**Transformers and Transformer Vaults (Including Secondary Ties)**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 455**  
**Phase Converters**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 460**  
**Capacitors**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 470**  
**Resistors and Reactors**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 480**  
**Storage Batteries**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 490**  
**Equipment, Over 600 Volts, Nominal**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**CHAPTER 5**  
**Special Occupancies**

**ARTICLE 500**  
**Hazardous (Classified) Locations, Classes I, II And III Divisions 1 and 2**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 501**  
**Class I Locations**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 502**  
**Class II Locations**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 503**  
**Class III Locations**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 504**  
**Intrinsically Safe Systems**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 505**  
**Class I, Zone 0, 1, and 2 Locations**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 506**  
**Zone 20, 21, and 22 Locations for Combustible Dusts or Ignitable Fibers/Flyings**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 510**  
**Hazardous (Classified) Locations – Specific**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 511**  
**Commercial Garages, Repair and Storage**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 513**  
**Aircraft Hangars**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 514**  
**Motor Fuel Dispensing Facilities**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 515**  
**Bulk Storage Plants**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 516**  
**Spray Application, Dipping, and Coating Processes**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 517**  
**Health Care Facilities**

Adopt entire 2008 National Electric Code (NEC) Article with the following modifications and carry forward existing amendments of the 2007 California Electrical Code (CEC) for OSHPD 1, 2, 3 & 4 with the following modifications:

...

**517.16 Receptacles with Insulated Grounding Terminals.** Receptacles with insulated grounding terminals, as permitted in 250.146(D), shall be identified; such identification shall be visible after installation.

*[OSHPD 1, 2, 3 & 4] Isolated ground receptacles, where required for the reduction of electrical noise (electromagnetic interference) on the grounding circuit, are permitted in patient care areas. Two insulated equipment grounding conductors shall be run with the branch circuit conductors supplying the receptacle. One shall be the isolated ground conductor and the other shall be the equipment grounding conductor required by 517.13(B). The insulated grounding conductor shall terminate on the grounding terminal of the receptacle and the equipment grounding conductor required by 517.13(B) shall ground the outlet box on which the receptacle is installed. Isolated ground receptacles shall be identified by an orange color or an orange triangle located on the face of the receptacle as required by 410.56(D). Isolated ground receptacles in patient care areas shall be identified with a permanent sign or label that reads: "Caution – Not for Patient Equipment Use."*

**517.22 ~~[For OSHPD 1, 2, 3, & 4]~~ Artificial Lighting.**

**(A) Rooms and Passageways.** All rooms and passageways shall be provided with artificial illumination.

**(B) Illumination.**

**(1) [OSHPD 1, 3 & 4] Illumination intensity.** Illumination intensity values in each area shall meet the recommended values in the latest edition of the Illuminating Engineering Society of North America (IESNA) Lighting Handbook.

**(2) [OSHPD 2] Minimum illuminance.** Minimum maintained average illuminance in each area shall meet the recommended values in the latest edition of ANSI/IESNA RP-28, Recommended Practice for Lighting and the Visual Environment for Senior Living.

...

**517.33 Critical Branch.**

**(A) Task Illumination and Selected Receptacles.** The critical branch of the emergency system shall supply power for task illumination, fixed equipment, selected receptacles, and special power circuits serving the following areas and functions related to patient care:

(1) Critical care areas

...

(5) Nurse call systems *[OSHPD 1, 2 & 4] Exception: Battery-powered components of wireless emergency nurse call systems complying with the latest edition of ANSI/UL 1069, Standard for Hospital Signaling and Nurse Call Equipment.*

(7) Telephone *[OSHPD 1, 3, & 4] and information technology* equipment rooms and closets.

...

**517.35 Sources of Power. ...**

**(B) Alternate Source of Power.** The alternate source of power shall be one of the following:

...

(4) ~~*[Not permitted for OSHPD 1, 2, 3, & 4]*~~ A battery system located on the premises [NFPA 99:4.4.1.2] *[OSHPD 1, 2 & 4] A battery system located on the premises is not permitted except as allowed in 517.33 (A)(5).*

...

#### **517.42 Automatic Connection to Life Safety Branch.**

...

**(C) Alarm and Alerting Systems.** Alarm and alerting systems, including the following:

...

(3) [OSHPD 1, 2, & 4] Nurse call system

*Exception: [OSHPD 1, 2 & 4] Battery-powered components of wireless emergency nurse call systems complying with the latest edition of ANSI/UL 1069, Standard for Hospital Signaling and Nurse Call Equipment.*

...

#### **517.44 Sources of Power.**

...

**(B.1) [OSHPD 1, 2 & 4] Alternate Source of Power. ...**

*Exception No. 2: [OSHPD 1, 2 & 4] Battery-powered components of wireless emergency nurse call systems complying with the latest edition of ANSI/UL 1069, Standard for Hospital Signaling and Nurse Call Equipment need not have the wireless components be-connected to the alternate source of power.*

...

#### **517.123 [OSHPD 1, 2, 3, & 4] Signal Systems.**

...

**(C) Emergency Alarm System (Code Blue).** The emergency alarm system shall be comprised of components which provide for at least:

(1) One call station at each bed and nurses' station in recovery room, intensive care unit, and coronary care unit.

(2) One call station at the control desk in each neonatal intensive care unit (NICU).

(3) A unique visual and audible signal at attending nurses' station and a unique visual device above each patient unit or room-door entry door to the recovery room, intensive care unit, coronary care unit, and neonatal intensive care unit.

(4) Visual and audible signals at the PBX operator or other 24-hour staffed area.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

### **ARTICLE 518 Assembly Occupancies**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

### **ARTICLE 520 Theaters, Audience Areas of Motion Picture and Television Studios, Performance Areas, and Similar Locations**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 522**  
**Control Systems for Permanent Amusement Attractions**

Article is not adopted for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 525**  
**Carnivals, Circuses, Fairs, and Similar Events**

Article is not adopted for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 530**  
**Motion Picture and Television Studios and Similar Locations**

Article is not adopted for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 540**  
**Motion Picture Projection Rooms**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 545**  
**Manufactured Buildings**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 547**  
**Agricultural Buildings**

Article is not adopted for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 550**  
**Mobile Homes, Manufactured Homes, and Mobile Home Parks**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 551**  
**Recreational Vehicles and Recreational Vehicle Parks**

Article is not adopted for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 552**  
**Park Trailers**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3, & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 553**  
**Floating Buildings**

Article is not adopted for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 555**  
**Marinas and Boatyards**

Article is not adopted for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 590**  
**Temporary Installations**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code

Section 11152.5  
Reference: Health and Safety Code Sections 129850

**CHAPTER 6**  
**Special Equipment**

**ARTICLE 600**  
**Electric Signs and Outline Lighting**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:  
Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5  
Reference: Health and Safety Code Sections 129850

**ARTICLE 604**  
**Manufactured Wiring Systems**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:  
Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5  
Reference: Health and Safety Code Sections 129850

**ARTICLE 605**  
**Office Furnishings (Consisting Of Lighting Accessories and Wired Partitions)**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:  
Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5  
Reference: Health and Safety Code Sections 129850

**ARTICLE 610**  
**Cranes and Hoists**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:  
Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5  
Reference: Health and Safety Code Sections 129850

**ARTICLE 620**  
**Elevators, Dumbwaiters, Escalators, Moving Walks, Platform Lifts and Stairway Chair Lifts**

Adopt entire 2008 National Electric Code (NEC) Article and carry forward existing amendment of the 2007 CEC for OSHPD 1.

NOTATION:  
Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5  
Reference: Health and Safety Code Sections 129850

**ARTICLE 625**  
**Electric Vehicle Charging System**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 626**  
**Electrified Truck Parking Spaces**

Article is not adopted for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 630**  
**Electric Welders**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 640**  
**Audio Signal Processing, Amplification, and Reproduction Equipment**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 645**  
**Information Technology Equipment**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 647**  
**Sensitive Electronic Equipment**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 650  
Pipe Organs**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 660  
X-Ray Equipment**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 665  
Induction and Dielectric Heating Equipment**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 668  
Electrolytic Cells**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 669  
Electroplating**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 670  
Industrial Machinery**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 675**  
**Electrically Driven or Controlled Irrigation Machines**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 680**  
**Swimming Pools, Fountains, and Similar Installations**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 682**  
**NATURAL and ARTIFICIALLY MADE BODIES of WATER**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 685**  
**Integrated Electrical Systems**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 690**  
**Solar Photovoltaic Systems**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 692**  
**Fuel Cell Systems**

Adopt entire 2005 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 695  
Fire Pumps**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**CHAPTER 7  
Special Conditions**

**ARTICLE 700  
Emergency Systems**

Adopt entire 2008 NEC Articles with the following modifications and carry forward existing amendments of the 2007 CEC for OSHPD 1, 2, 3 & 4 with the following modifications:

...

**700.4 Tests and Maintenance.**

**(A) Conduct or Witness Test.** The authority having jurisdiction shall conduct or witness a test of the complete system upon installation and periodically afterward. [OSHPD 1, 2, 3 & 4] Permanently installed on-site generator sets for health care facilities shall be tested in accordance with NFPA 110-2005, Standard for Emergency and Standby Power Systems, Section 7.13, Installation Acceptance. All safety devices shall be tested as specified in Section 7.13.11; however, the safety devices provided may comply with NFPA 99-2005, Health Facilities, Section 4.4.1.1.16 in lieu of NFPA 110-2005, Section 5.6.5.2. The emergency power supply system shall be considered as a Level 1 system for testing purposes. Upon loss of normal power, the emergency power supply system shall provide emergency power within 10 seconds as required by 700.12.

**(B) Tested Periodically.** Systems shall be tested periodically on a schedule acceptable to the authority having jurisdiction to ensure the systems are maintained in proper operating condition. [OSHPD 1] The authority having jurisdiction is Department of Public Health, Licensing and Certification.

...

**700.6 Transfer Equipment.**

...

**(C) Automatic Transfer Switches.** Automatic transfer switches shall be electrically operated and mechanically held. Automatic transfer switches, rated 600 VAC and below, shall be listed for emergency system use. [OSHPD 1, 2, 3 & 4] Automatic transfer switches shall be listed for emergency system use.

...

**700.27 Coordination.** Emergency system(s) overcurrent devices shall be selectively coordinated with all supply side overcurrent protective devices. ~~[Not required for OSHPD 1, 2, & 4]~~

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 701  
Legally Required Standby Systems**

Adopt entire 2008 National Electric Code (NEC) Article and carry forward existing amendments of the 2007 California Electrical Code (CEC) for OSHPD 1, 2, 3 & 4 with the following modifications:

...

**701.18 Coordination.** Legally required standby system(s) overcurrent devices shall be selectively coordinated with all supply side overcurrent protective devices. ~~[Not required for OSHPD 1, 2 & 4]~~

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 702**  
**Optional Standby Systems**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 705**  
**Interconnected Electric Power Production Sources**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 708**  
**Critical Operations Power Systems (COPS)**

Adopt entire 2008 National Electric Code (NEC) Article with amendments for OSHPD 1, 2, 3 & 4 as follows:

**708.1 Scope.** *[Not required for OSHPD 1, 2, 3, & 4.]* The provisions of this article apply to the installation, operation, monitoring, control, and maintenance of the portions of the premises wiring system intended to supply, distribute, and control electricity to designated critical operations areas (DCOA) in the event of disruption to elements of the normal system.

...

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 720**  
**Circuits and Equipment Operating at Less Than 50 Volts**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 725**  
**Class 1, Class 2, and Class 3 Remote-Control, Signaling, and Power-Limited Circuits**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 727**  
**Instrumentation Tray Cable: Type ITC**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 760**  
**Fire Alarm Systems**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 770**  
**Optical Fiber Cables and Raceways**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**CHAPTER 8**  
**Communications Systems**

**ARTICLE 800**  
**Communication Circuits**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 810**  
**Radio and Television Equipment**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 820**  
**Community Antenna Television and Radio Distribution Systems**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ARTICLE 830**  
**Network-Powered Broadband Communication Systems**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**CHAPTER 9**  
**Tables**

Adopt entire 2008 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

**ANNEXES A, B, C, D, E, F, G and H.**

Adopt entire 2008 National Electric Code (NEC) Annexes without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850