# INITIAL EXPRESS TERMSFOR PROPOSED BUILDING STANDARDSOF THE CALIFORNIA DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENTREGARDING THE 2025 CALIFORNIA ELECTRICAL CODE,CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3(HCD 01/23)

The State agency shall draft the regulations in plain, straightforward language, avoiding technical terms as much as possible and using a coherent and easily readable style. The agency shall draft the regulation in plain English. A notation shall follow the express terms of each regulation listing the specific statutes authorizing the adoption and listing specific statutes being implemented, interpreted, or made specific (Government Code Section 11346.2(a)(1)).

If using assistive technology, please adjust your settings to recognize underline, strikeout, italic and ellipsis.

## LEGEND for EXPRESS TERMS

* 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* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*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

## INITIAL EXPRESS TERMS

### ITEM 1Article 89 General Code Provisions

HCD proposes to bring forward existing California amendments in Article 89 from the 2022 California Electrical Code (CEC) for adoption into the 2025 CEC with modifications as follows:

**ARTICLE 89**
**GENERAL CODE PROVISIONS**

***89.101.1 Title.*** *These regulations shall be known as the California Electrical Code, may be cited as such and will be referred to herein as “this code.” The California Electrical Code is Part 3 of thirteen parts of the official compilation and publication of the adoption, amendment, and repeal of electrical regulations to the California Code of Regulations, Title 24, also referred to as the California Building Standards Code. This part incorporates by adoption the ~~2020~~ 2023 National Electrical Code of the National Fire Protection Association with necessary California amendments.*

**Notation:**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3, and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18928, 18938.3 and 19990.

### ITEM 2Article 90 Introduction

HCD proposes to adopt Article 90 from the 2023 National Electrical Code (NEC) and bring forward California amendments from the 2022 CEC into the 2025 CEC without modification.

**ARTICLE 90
INTRODUCTION**

**Notation:**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3, and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18928, 18938.3 and 19990.

### ITEM 3Chapter 1 General

HCD proposes to adopt Chapter 1 from the 2023 NEC and bring forward all existing California amendments from the 2022 CEC into the 2025 CEC with the following modifcations:

**CHAPTER 1 GENERAL
ARTICLE 100**

**DEFINITIONS**

**Building.** A structure that stands alone or that is separated from adjoining structures by fire walls. (CMP-1) [No change to model code text.]

***Exception: [HCD 1, HCD 2 & HCD 1-AC]*** *For applications listed in Section 89.108.2.1.1 regulated by the Department of Housing and Community Development, “Building” shall not include the following:* [No change to existing California amendment items 1, 2, 4, and 5.]

*1. Any mobilehome as defined in Health and Safety Code Section 18008.*

*2. Any manufactured home as defined in Health and Safety Code Section 18007.*

*3. Any commercial modular as defined in Health and Safety Code Section 18001.8 or any special purpose commercial modular as defined in Section 18012.5.*

*4. Any recreational vehicle as defined in Health and Safety Code Section 18010.*

*5. Any multifamily manufactured home as defined in Health and Safety Code Section 18008.7*

*For additional information, see Health and Safety Code Section 18908.*

***Note:*** *Building shall have the same meaning as defined in Health and Safety Code Sections 17920 and 18908 for the applications specified in Section 89.111.*

**Notation:**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3 and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18928,18938.3 and 19990.

### ITEM 4Chapter 2 Wiring and Protection

HCD proposes to adopt Chapter 2 from the 2023 NEC and bring forward all existing California amendments from the 2022 CEC into the 2025 CEC with the following modifcation:

**CHAPTER 2
WIRING AND PROTECTION**

**ARTICLE 210**

**Branch Circuits Not Over 1000 Volts ac, 1500 Volts dc, Nominal**

**210.8 Ground-Fault Circuit-Interrupter Protection for Personnel.**

**(A)…** [No change to model code text.]

**(F) Outdoor Outlets.** For dwellings, all outdoor outlets, other than those covered in 210.8(A), Exception No.1, including outlets installed in the following locations, and supplied by single-phase branch circuits rated 150 volts or less to ground, 50 amperes or less, shall be provided with GFCI protection: [No change to model code text except exception No. 2.]

(1) Garages that have floors located at or below grade level

(2) Accessory buildings

(3) Boathouses

If equipment supplied by an outlet covered under the requirements of this section is replaced, the outlet shall be supplied with GFCI protection.

Exception No. 1: GFCI protection shall not be required on lighting outlets other than those covered in 210.8(C).

Exception No. 2: GFCI protection shall not be required for listed HVAC equipment. ~~This exception shall expire September 1, 2026.~~

**Notation:**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3 and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18928,18938.3 and 19990.

### ITEM 5Chapter 3 Wiring Methods and Materials

HCD proposes to adopt Chapter 3 from the 2023 NEC and bring forward existing California amendments from the 2022 CEC into the 2025 CEC with the following modification:

**CHAPTER 3
WIRING METHODS AND MATERIALS**

**ARTICLE 394**

**Concealed Knob-and-Tube Wiring**

**Part II. Installation**

**394.12** **Uses Not Permitted.** Concealed knob-and-tube wiring shall not be used in the following: [No change to model code text]

(1-5) (No change to model code text)

***Exception: [HCD 1 & HCD 2]*** *This article is not intended to prohibit the installation of insulation where knob-and-tube wiring is present, provided the following are complied with:* [No change to existing California amendment items 1 through 6.]

**Notation:**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3 and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18928, 18938.3 and 19990.

**ITEM 6
Chapter 4 Equipment for General Use**

HCD proposes to adopt Chapter 4 (except Article 425) from the 2023 NEC and bring forward all California amendments from the 2022 CEC into the 2025 CEC with the following modifications:

**CHAPTER 4**
**EQUIPMENT FOR GENERAL USE**

**ARTICLE 406**

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

**406.12** **Tamper-Resistant Receptacles.** All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the following locations shall be listed tamper-resistant receptacles: [No change to model code text.]

(1) All dwelling units~~,~~ and boathouses, ~~mobile homes and manufactured homes,~~ including their attached and detached garages, accessory buildings, and common areas.

(2 – 10) [No change to model code text.]

**Notation:**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3 and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18909(g), 18928, 18938.3, and 19990; and United States Code, Title 42, Section 5403(d).

### ITEM 7Chapter 5 Special Occupancies

HCD proposes to adopt Chapter 5, (only Articles 518, 545, and 590) from the 2023 NEC into the 2025 CEC without amendment.

**CHAPTER 5
SPECIAL OCCUPANCIES**

**Notation:**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3 and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18928,18938.3 and 19990.

### ITEM 8Chapter 6 Special Equipment

HCD proposes to adopt Chapter 6 (only Articles 600, 620, 625, 626, 646, 680, 682, 690, 691, 692, and 694) from the 2023 NEC and bring forward all existing California amendments from the 2022 CEC into the 2025 CEC with the following modification:

**CHAPTER 6**  **SPECIAL EQUIPMENT**

**Article 625 Electric Vehicle Power Transfer System**

***625.1.1 (HCD 1)*** ***Electric Vehicle (EV) Charging for New Construction.*** *In addition to requirements in this Article, electric vehicle charging shall comply with the California Green Building Standards Code (CALGreen) Chapter 4, Division 4.1.~~,~~*

**Notation:**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3 and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18928, 18938.3 and 19990.

### ITEM 9Chapter 7 Special Conditions

HCD proposes to adopt Chapter 7 (except Articles 701 and 760) from the 2023 NEC into the 2025 CEC without amendment.

**CHAPTER 7
SPECIAL CONDITIONS**

**Notation:**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3 and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18928, 18938.3 and 19990.

### ITEM 10Chapter 8 Communications Systems

HCD proposes to adopt Chapter 8 from the 2023 NEC into the 2025 CEC without amendment.

**CHAPTER 8
COMMUNICATIONS SYSTEMS**

**Notation:**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3 and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18928, 18938.3 and 19990.

### ITEM 11Chapter 9 Tables

HCD proposes to adopt Chapter 9 from the 2023 NEC into the 2025 CEC without amendment.

**CHAPTER 9
TABLES**

**Notation:**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3 and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18928,18938.3 and 19990.

### ITEM 12Informative Annexes

HCD proposes to not adopt the above referenced annexes A through K from the 2023 NEC into the 2025 CEC.

**INFORMATIVE ANNEXES**

Authority: Health and Safety Code Sections 17040, 17921, 17922, 18938.3 and 19990.

References: Health and Safety Code Sections 17040, 17921, 17922, 17959.1, 18620, 18640, 18670, 18873, 18873.2, 18873.3, 18928, 18938.3 and 19990.