

**EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT
REGARDING THE AMENDMENT OF THE 2013 CALIFORNIA ELECTRICAL CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3**

(HCD 03/13)

The Department of Housing and Community Development (HCD) proposes to make necessary changes to the 2013 edition of the California Electrical Code (CEC) as presented on the following pages. The amendments revise building standards that are not addressed by the currently adopted 2011 National Electrical Code (model code), but have been subject to the full standards-making process by the National Fire Protection Association (NFPA) and adopted into the 2014 National Electrical Code.

LEGEND FOR EXPRESS TERMS:

1. **NEC language with new California amendments:** NEC language shown in normal Arial 9 point; California amendments to NEC text shown *underlined and in italics*.
 2. **Existing California amendments or code language being modified:** All such language shown in italics, modified language is *underlined* or shown in ~~strikeout~~.
 3. **Text not being modified:** All language not displayed in full is shown as “...” (i.e., ellipsis).
 4. **Repealed text:** All language shown in ~~strikeout~~.
 5. **Amended, adopted or repealed language after public hearing:** All such language appears in double underline or ~~double strikeout~~.
 6. **Notation:** Authority and Reference citations are provided at the end of each chapter.
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1. HCD proposes to amend Chapter 6, Article 625, Section 625.13 “Electric Vehicle Supply Equipment Connection” as follows:

**CHAPTER 6
SPECIAL EQUIPMENT**

**ARTICLE 625
Electric Vehicle Charging System**

~~**625.13 Electric Vehicle Supply Equipment.** Electric vehicle supply equipment rated at 125 volts, single phase, 15 or 20 amperes or part of a system identified and listed as suitable for the purpose and meeting the requirements of 625.18, 625.19, and 625.20 shall be permitted to be cord and plug connected. All other electric vehicle supply equipment shall be permanently connected and fastened in place. This equipment shall have no exposed live parts.~~

~~***Electric Vehicle Supply Equipment Connection.*** *Electric vehicle supply equipment shall be permitted to be cord- and plug-connected to the premises wiring system in accordance with one of the following:*~~

~~***(A) Connections to 125-Volt, Single-Phase, 15- and 20-Ampere Receptacle Outlets.*** *Electrical vehicle supply equipment intended for connection to nonlocking, 2-pole, 3-wire grounding-type receptacle outlets rated at 125 V, single phase, 15 and 20 amperes or from a supply of less than 50 volts dc.*~~

~~***(B) Connections to Other Receptacle Outlets.*** *Electric vehicle supply equipment that is rated 250 V maximum and complying with all of the following:*~~

~~*(1) It is intended for connection to nonlocking, 2-pole, 3-wire and 3-pole, 4-wire, grounding-type receptacle outlets rated not more than 50 amperes.*~~

(2) EVSE is fastened in place to facilitate any of the following:

- a. Ready removal for interchange
- b. Facilitation of maintenance and repair
- c. Repositioning of portable, movable, or EVSE fastened in place

(3) Power-supply cord length for electric vehicle supply equipment fastened in place is limited to 1.8 m (6 ft).

(4) Receptacles are located to avoid physical damage to the flexible cord.

All other electric vehicle supply equipment shall be permanently wired and fastened in place to the supporting surface, a wall, a pole, or other structure. The electric vehicle supply equipment shall have no exposed live parts.

2. HCD proposes to amend Chapter 6, Article 625, Section 625.14 “Rating” as follows:

625.14 Rating. Electric vehicle supply equipment shall have sufficient rating to supply the load served. ~~For the purposes of this article, electric~~ *Electric* vehicle charging loads shall be considered continuous loads *for the purposes of this article. Where an automatic load management system is used, the maximum electric vehicle supply equipment load on a service and feeder shall be the maximum load permitted by the automatic load management system.*

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11, and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.
