

Summary of 2016 California Building Code Changes for Electric Vehicle Charging Station (EVCS) Accessibility

The California Building Standards Commission adopted accessibility standards for electric vehicle charging stations (EVCS) as part of the 2016 code adoption cycle. These changes in the 2016 California Building Code (California Code of Regulations, Title 24) become effective January 1, 2017.

This fact sheet provides a brief overview of the requirements. For full scoping and technical requirements of the building standards for EVCS, please refer to the full text of the California Building Code regulations at <http://www.bsc.ca.gov/Codes.aspx> (Part 2, Volume 1). The building code amendments include provisions in:

- Chapter 2 – Definitions
- Chapter 11B – Accessibility to Public Buildings, Public Accommodations, Commercial Buildings and Public Housing

Part 2 – California Building Code – Chapter 2 - Definitions

DEFINITION	NOTES
Drive-up electric vehicle charging station	New definition for electric vehicle charging station that functions similar to a gasoline filling island.
Electric Vehicle (EV)	New definition for vehicles powered by electricity that are considered electric vehicles for the purpose of Chapter 11B.
Electric Vehicle (EV) charger	New definition for equipment used to charge electric vehicles.
Electric Vehicle charging space (EV space)	New definition for the vehicle space intended for charging electric vehicles.
Electric Vehicle charging station (EVCS)	New definition for one or more EV charging spaces served by an electric vehicle charger.
Electric vehicle (EV) connector	New definition for the device that connects to the electric vehicle for the purpose of charging. Device is part of the electric vehicle coupler.

Part 2 – California Building Code – Chapter 11B

SECTION	TITLE	NOTES
11B-228.3	Electric vehicle charging stations	Provides scoping for electric vehicle charging stations installed in new and existing facilities with Table 11B-228.3.2.1 to determine the number of accessible EVCS required. Provides reference to 11B-812 for technical requirements for EVCS.
11B-812	Electric vehicle charging stations	Provides new section with technical provisions for EVCS.
11B-812.1	General.	General requirements for the dimensions and marking of EV charging spaces and access aisles.
11B-812.2	Operable parts.	Technical requirements for operable parts of the EVCS.
11B-812.3	Floor or ground surfaces.	Technical requirements for floor and ground surfaces of the EVCS.
11B-812.4	Vertical clearance.	Provisions for vertical clearance requirements at EVCS.
11B-812.5	Accessible routes	Provides requirements for accessible routes to electric vehicle chargers and to a building entrance.
11B-812.6	Vehicle spaces.	Provides dimensions for length of van accessible, standard accessible, ambulatory and drive-up EVCS.
11B-812.7	Access aisle.	Provides requirements for the access aisle adjacent to the electric vehicle charging space.
11B-812.8	Identification signs.	Provides general scoping for the technical sections for identification signs for accessible EVCS.
11B-812.9	Surface marking.	Provides requirements for the surface markings at EVCS.
11B-812.10	Electric vehicle chargers.	Technical requirements for electric vehicle chargers, which includes the requirements for operable parts, point-of-sale devices and location of the chargers in relation to the EV space.