



2019 CA ELECTRICAL CODE SUMMARY OF CHANGES

The following checklist includes significant changes in the 2019 CEC from the previous 2016 CEC.

Disclaimer: This document is provided as a courtesy. Please consult the published California Building Codes for specific language. <https://www.dgs.ca.gov/BSC/Codes>

Please visit <https://www.oaklandca.gov/topics/planning-and-building-codes> for specific City of Oakland amendments.

SIGNIFICANT CHANGES

(For Building Applications submitted on or after January 1, 2020)

CHANGE	NEW	CEC SECTION/TABLE NUMBER	COMMENTARY
X		100	Building exception added.
X		110.3(c)	Listing. Product testing, evaluation, and listing requirements.
X		110.21(A)(2)	Reconditioned equipment marking.
X		110.26(A)(6)	Limited access above suspended ceilings.
X		110.26(A)(5)	Separation from high-voltage equipment. Where switches, cutouts, or other equipment operating at 1000 volts or less.
	X	110.41	Pre-energization and operating tests & test reports.
X		210.8(E)	GFCI lighting outlet in crawl space.
X		210.11(C)(4)	At least one 120volt, 20-amp garage branch circuits.
X		210.71	Meeting rooms in hotels less than 1000 square feet, shall have outlets, 15- or 20-amp in accordance with 210.71(B).
X		250.30(A)(4)	Building or structure grounding electrode system.
X		250.52(A)(2)	Metal in-ground support structure(s).
X		250.122(F)(1)	Conductor installations in raceways, auxiliary gutters, or cable trays.
X		250.94	Other means for intersystem bonding termination device.
X		314.27(2)(E)	Separable attachment fittings.
X		358.10(B) & (C)	Galvanized steel and stainless steel EMT, elbows, and fittings. Supplementary protection of aluminum EMT, and cinder fill requirements.
X		406.12	Tamper resistant receptacles location list expanded.
X		422.5	GFCI protection for appliances list expanded.
	X	Article 425	Fixed resistance and electrode industrial process heating equipment. Applies to food processing facilities and factories.
X		445.13(B)	Overcurrent protection provided.
X		445.18(A),(B)& (C)	Disconnecting means, shutdown of prime mover, and generators installed in parallel.
X		445.20(A) & (B)	Unbonded & bonded neutral generators.
X		511.3(C) & (D)	Commercial garages, major and minor repairs. Table 511.3(C) & (D) added.
X		Article 690	Solar photovoltaic (PV) systems has new sections and extensive changes throughout the whole article.



	X	Article 691	Large-scale photovoltaic electric power production facility. PV electric power production facilities with a generating capacity of no less than 5000 kW.
X		700.25	Branch circuit emergency lighting transfer switch.
	X	Article 706	Energy storage systems operating over 50 volts ac or 60 volts dc.
	X	Article 710	Electric power production sources operating in stand- alone mode.
	X	Article 712	Direct current microgrids.
	X	725.144	Transmission of power and data for class 2 and 3 circuits that transmit power and data.