

**STANDARDS PRESENTATION  
TO  
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

Attachment No. 1

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PROPOSED STATE STANDARD,  
TITLE 8, DIVISION 1, CHAPTER 4

TITLE 8: Division 1, Chapter 4, Subchapter 5, Electrical Safety Orders  
Group 1. Low-Voltage Electrical Safety Orders  
Article 11. Grounding

§2395.6. Portable and Vehicle-Mounted Generators.

(a) The frame of a portable generator need not be grounded and may serve as the grounding electrode for a system supplied by the generator under the following conditions:

- (1) The generator supplies only equipment mounted on the generator or cord- and plug-connected equipment through receptacles mounted on the generator, or both; and
- (2) The noncurrent-carrying metal parts of equipment and the equipment grounding conductor terminals of the receptacles are bonded to the generator frame, ~~and~~
- (3) ~~The generator is single phase, portable, rated not more than 5 KW, and the circuit conductors of the generator are insulated from the generator frame and all other grounded surfaces.~~

(b) The frame of a vehicle need not be grounded and may serve as the grounding electrode for a system supplied by a generator located on the vehicle under the following conditions:

- (1) The frame of the generator is bonded to the vehicle frame, and
- (2) The generator supplies only equipment located on the vehicle and cord- and plug-connected equipment through receptacles mounted on the vehicle, and
- (3) The noncurrent-carrying metal parts of equipment and the equipment grounding conductor terminals of the receptacles are bonded to the generator frame, and
- (4) The system complies with all other provisions of Article 11 of these Low-Voltage Electrical Safety Orders, ~~and~~
- (5) ~~The generator is single phase, vehicle mounted, rated not more than 5 KW, and the circuit conductors of the generator are insulated from the generator frame and all other grounded surfaces.~~

(c) A system conductor that is required to be grounded by the provisions of Section 2395.25 shall be bonded to the generator frame where the generator is a component of a separately derived system.

Note: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.