

**FINAL EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT**

**REGARDING PROPOSED CHANGES TO
2007 CALIFORNIA ELECTRICAL CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3**

LEGEND FOR EXPRESS TERMS

1. Existing California amendments or code language being modified: All such language appears in *italics*, modified language is underlined.
2. New California amendments: All such language appears underlined and in italics.
3. Repealed text: All such language appears in ~~strikeout~~.

EXPRESS TERMS

ARTICLE 517 – HEALTH CARE FACILITIES

III. Essential Electrical System

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517.30 Essential Electrical Systems for Hospitals.

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(B) General.

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(5) Other Loads. Loads served by the generating equipment not specifically named in Article 517 shall be served by their own transfer switches such that the following conditions apply:

- (1) These loads shall not be transferred if the transfer will overload the generating equipment.
- (2) These loads shall be automatically shed upon generating equipment overloading.

[For OSHPD 1, 3, & 4] Loads served by such transfer switches, including the receptacles required to be supplied by the normal system pursuant to Articles 517-18 and 517-19, shall not be considered to be on the essential system.

(7) [For OSHPD 1, 2 3, & 4] All automatic transfer switches in general acute care hospitals and correctional treatment centers providing optional services shall be provided with an in-phase monitor relay and shall have provisions for electrically by-passing and isolating the transfer switch. The by-pass switch shall be capable of by-passing loads to the emergency source or normal source if the selected by-pass source voltage is available.

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517.33 Critical Branch.

(A) Task Illumination and Selected Receptacles. The critical branch of the emergency system shall supply power for task illumination, fixed equipment, selected receptacles, and special power circuits serving the following areas and functions related to patient care:

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(11) *[OSHPD 1 & 4] Alarm systems for monitoring ~~negative pressure~~ airborne infectious isolation rooms and ~~positive pressure~~ protective environment isolation rooms.*

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Notation

Authority: Health & Safety Code §1226, 1275,129790 & 129850 and Government Code §11152.5

Reference: Health & Safety Code §1226, 1275, 129790 & 129850

ARTICLE 700 – EMERGENCY SYSTEMS

VI. Overcurrent Protection

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700.27 Coordination. Emergency system(s) overcurrent devices shall be selectively coordinated with all supply side overcurrent protective devices. *[Not required for OSHPD 1, 2, & 4]*

ARTICLE 701 – LEGALLY REQUIRED STANDBY SYSTEMS

IV. Overcurrent Protection

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701.18 Coordination. Legally required standby system(s) overcurrent devices shall be selectively coordinated with all supply side overcurrent protective devices. *[Not required for OSHPD 1, 2 & 4]*

Notation

Authority: Health & Safety Code §1226, 1275,129790 & 129850 and Government Code §11152.5

Reference: Health & Safety Code §1226, 1275, 129790 & 129850