

**REVISION RECORD FOR THE  
STATE OF CALIFORNIA  
EMERGENCY SUPPLEMENT**

**October 23, 2008**

**2007 Title 24, Part 2, California Building Code**

**PLEASE NOTE: The date of this emergency supplement is for identification purposes only.  
See the History Note Appendix for the adoption and effective dates of the provisions.**

It is suggested that the section number as well as the page number be checked when inserting this material and removing the superseded material. In case of doubt, rely on the section numbers rather than the page numbers because the section numbers must run consecutively.

It is further suggested that the material be retained with this revision record sheet so that the prior wording of any section can be easily ascertained.

Please keep the removed pages with this revision page for future reference.

**Note**

**Due to the fact that the application date for a building permit establishes the California Building Standards code provisions that are effective at the local level, which apply to the plans, specifications, and construction for that permit, it is strongly recommended that the removed pages be retained for historical reference.**

**Volume 2**

**Remove Existing Pages**

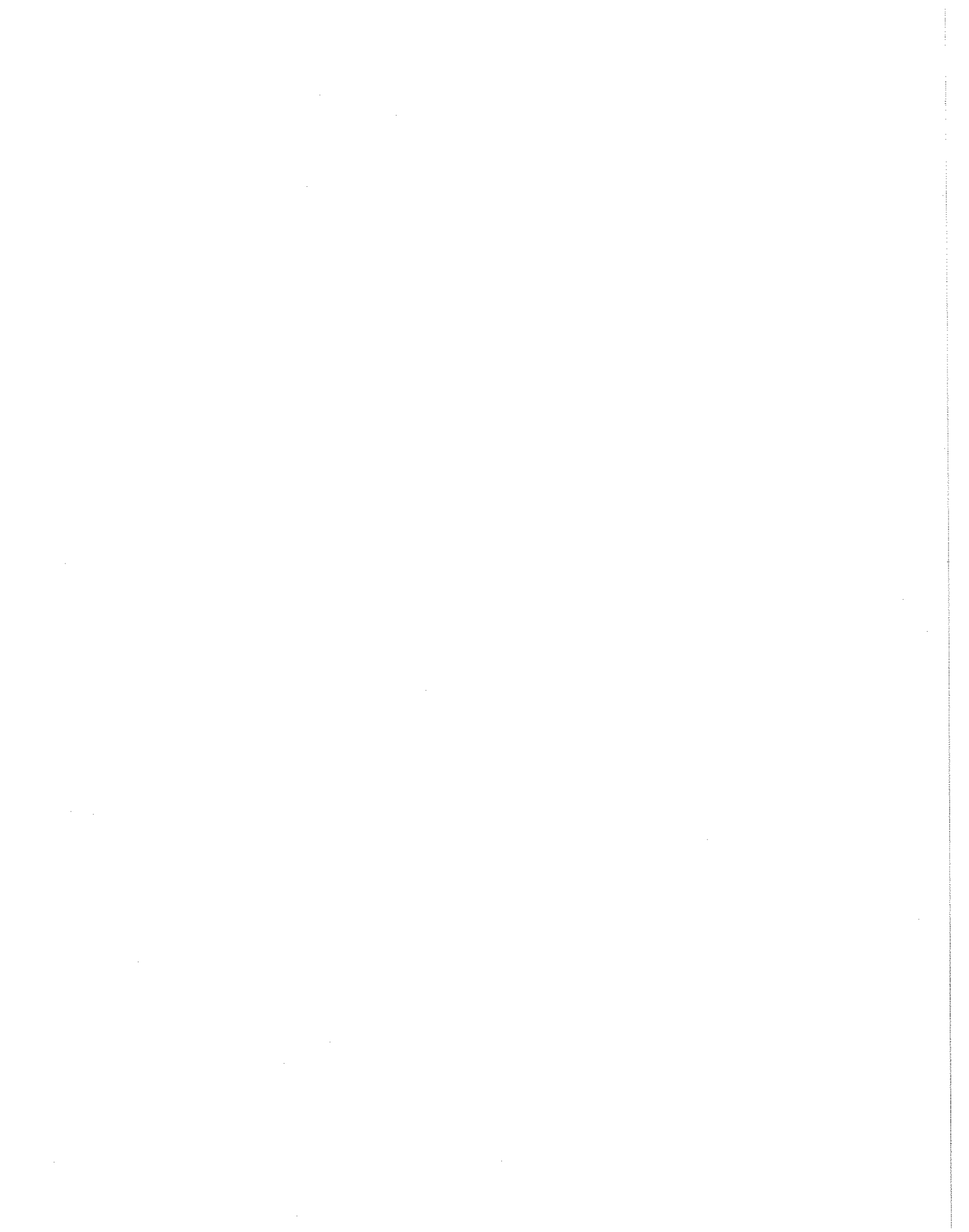
403 and 404

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## CHAPTER 27

# ELECTRICAL

### SECTION 2701 GENERAL

**2701.1 Scope.** This chapter governs the electrical components, equipment and systems used in buildings and structures covered by this code. Electrical components, equipment and systems shall be designed and constructed in accordance with the provisions of the *California Electrical Code*.

### SECTION 2702

#### [F] EMERGENCY AND STANDBY POWER SYSTEMS

**[F] 2702.1 Installation.** Emergency and standby power systems required by this code or the *California Fire Code* shall be installed in accordance with this code, NFPA 110 and 111.

**[F] 2702.2 Where required.** Emergency and standby power systems shall be provided where required by Sections 2702.2.1 through 2702.2.20.

**[F] 2702.2.1 Group A occupancies.** Emergency power shall be provided for voice communication systems in Group A occupancies in accordance with Section 907.2.1.2.

**[F] 2702.2.2 Smoke control systems.** Standby power shall be provided for smoke control systems in accordance with Section 909.11.

**[F] 2702.2.3 Exit signs.** Emergency power shall be provided for exit signs in accordance with Section 1011.5.3.

**[F] 2702.2.4 Means of egress illumination.** Emergency power shall be provided for means of egress illumination in accordance with Section 1006.3.

**[F] 2702.2.5 Accessible means of egress elevators.** Standby power shall be provided for elevators that are part of an accessible means of egress in accordance with Section 1007.4.

**[F] 2702.2.6 Accessible means of egress platform lifts.** Standby power in accordance with this section or ASME A18.1 shall be provided for platform lifts that are part of an accessible means of egress in accordance with Section 1007.5.

**[F] 2702.2.7 Horizontal sliding doors.** Standby power shall be provided for horizontal sliding doors in accordance with Section 1008.1.3.3.

**[F] 2702.2.8 Semiconductor fabrication facilities.** Emergency power shall be provided for semiconductor fabrication facilities in accordance with Section 415.8.10.

**[F] 2702.2.9 Membrane structures.** Standby power shall be provided for auxiliary inflation systems in accordance with Section 3102.8.2. Emergency power shall be provided for exit signs in temporary tents and membrane structures in accordance with the *California Fire Code*.

**[F] 2702.2.10 Hazardous materials.** Emergency or standby power shall be provided in occupancies with hazardous materials in accordance with Section 414.5.4.

**[F] 2702.2.11 Highly toxic and toxic materials.** Emergency power shall be provided for occupancies with highly toxic or toxic materials in accordance with the *California Fire Code*.

**[F] 2702.2.12 Organic peroxides.** Standby power shall be provided for occupancies with silane gas in accordance with the *California Fire Code*.

**[F] 2702.2.13 Pyrophoric materials.** Emergency power shall be provided for occupancies with silane gas in accordance with the *California Fire Code*.

**[F] 2702.2.14 Covered mall buildings.** Standby power shall be provided for voice/alarm communication systems in covered mall buildings in accordance with Section 402.13.

**[F] 2702.2.15 High-rise buildings.** Emergency and standby power shall be provided in high-rise buildings in accordance with Sections 403.10 and 403.11.

**[F] 2702.2.16 Underground buildings.** Emergency and standby power shall be provided in underground buildings in accordance with Sections 405.9 and 405.10.

**[F] 2702.2.17 Group I-3 occupancies.** Emergency power shall be provided for doors in Group I-3 occupancies in accordance with Section 408.4.2.

**[F] 2702.2.18 Airport traffic control towers.** Standby power shall be provided in airport traffic control towers in accordance with Section 412.1.5.

**[F] 2702.2.19 Elevators.** Standby power for elevators shall be provided as set forth in Section 3003.1.

**[F] 2702.2.20 Smokeproof enclosures.** Standby power shall be provided for smokeproof enclosures as required by Section 909.20.

**[F] 2702.3 Maintenance.** Emergency and standby power systems shall be maintained and tested in accordance with the *California Fire Code*.



# HISTORY NOTE APPENDIX CALIFORNIA BUILDING CODE

## Title 24, Part 2, California Code of Regulations (CCR)

For prior history, see the History Note Appendix to the California Building Code, 2001 Triennial Edition effective November 1, 2002.

1. (BSC 01/06, BSC 06/06, DSA-AC 01/06, DSA-AC 02/06, DSA-SS 01/06, DSA-SS 02/06, HCD 04/06, OSHPD 02/06, OSHPD 03/06, OSHPD 04/06, SFM 05/06) Adoption by reference of the 2006 *International Building Code* with necessary state amendments and repeal of the 1997 edition of the *Uniform Building Code*. Filed with the Secretary of State on February 15, 2007 and effective on January 1, 2008.
2. Erratum to correct editorial errors in Chapter 1, Section 108.2 1.3. Chapter 1, Section 109 1.2.1 Chapter 2, Definitions - Matrix Adoption Table correction. Chapter 4, Section 430 - Article reference change. Chapter 5, Table 503. Chapter 5, Section 507.3. Chapter 11A, Section 1110A.2. Chapter 11A, Figure 11A-9D and 11A-9E out of order. Chapter 11A, Section 1121B.3 1 (8) (a), Chapter 11A, Section 1124A 3.2.1. Chapter 11A, Section 1143A.4 Chapter 11B, Section 1111B, 1115B.3, 1129B.4, 1133B 4.5.3, 1133B 7.1.3 and Figure 11B-11. Chapter 12, Matrix Adoption Table. Chapter 12, Section 1250.1 and 1250.4 Chapter 15, Section 1511.1. Chapter 16A, Section 1614A 1 13. Chapter 17A, Section 1714A 5.2. Chapter 18, Matrix Adoption Tables. Chapter 29, Fixture Table 2902.1. Chapter 31, Section 3109.4.4.2 through 3109.4.4.8. Chapter 31A - Clarify reference to Title 8 for provisions Chapter 35, NFPA 13-02. Appendix Chapter 1, Section 101.4.2, 101.4.5, 102.6 and 103.3.
3. (SFM EF 02/07) Amend Chapter 7A, Section 701A.3.2 to clarify the dates established for State Responsibility Areas as January 1, 2008 and Local Agency Very-High Fire Hazard Severity Zones as July 1, 2008 filed with Secretary of State on September 27, 2007, effective January 1, 2008
4. (OSHPD EF 01/07) Amend Chapters 16A, 17A, 18A, 22A, 34 and 34A to incorporate the ASCE 41-06, Seismic Rehabilitation of Existing Buildings as a referenced standard. Repeal FEMA 356, relocate necessary amendments of FEMA 356 into the ASCE 41-06. Amend by adopting the PTI-2004-4th edition. Incorporation of an advisory issued by AISG to require Steel Concentric Braced Frame (SCBF) based on Hollow Structural Steel Sections (HSS).

