# FINAL EXPRESS TERMSFOR PROPOSED BUILDING STANDARDSOF THE STATE FIRE MARSHALREGARDING THE 2025 CALIFORNIA ELECTRICAL CODE,CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3(SFM 01/23)

The state agency shall draft the regulations in plain, straightforward language, avoiding technical terms as much as possible and using a coherent and easily readable style. The agency shall draft the regulation in plain English. A notation shall follow the express terms of each regulation listing the specific statutes authorizing the adoption and listing specific statutes being implemented, interpreted, or made specific (Government Code Section 11346.2(a)(1)).

If using assistive technology, please adjust your settings to recognize underline, strikeout, italic and ellipsis.

## LEGEND for EXPRESS TERMS (Based on model codes - Parts 2, 2.5, 3, 4, 5, 9, 10)

* Model Code language appears upright
* Existing California amendments appear in *italic*
* Amended model code or new California amendments appear *underlined & italic*
* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*
* Ellipses ( …) indicate existing text remains unchanged

## FINAL EXPRESS TERMS

### ITEM 1Article 89 General Provisions

[The SFM is proposing the adoption of section 89.101 through section 89.101.12, and section 89.111.1 through 89.111.10 and carrying forward existing amendments with modifications shown below.]

#### ITEM 1-1Section 89.101.1 Title

***89.101.1 Title.*** *These regulations shall be known as the California Electrical Code, may be cited as such and will be referred to herein as “this code.” The California Electrical Code is Part 3 of thirteen parts of the official compilation and publication of the adoption, amendment, and repeal of electrical regulations to the California Code of Regulations, Title 24, also referred to as the California Building Standards Code. This part incorporates by adoption the ~~2020~~ 2023 National Electrical Code of the National Fire Protection Association with necessary California amendments.*

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.

### ITEM 2Article 90 Introduction

[The SFM is proposing the adoption of Article 90 without amendments.]

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.

### ITEM 3Chapter 1 General

[The SFM is proposing the adoption and carrying over existing amendments of Articles 100 and 110.]

Article 100 Definitions

 [Including the following existing California amended definitions:

 Accessory Dwelling Unit

Ballasted Solar Photovoltaic System

Article 110 General Requirements for Electrical Installations

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.

### ITEM 4Chapter 2 Wiring and Protection

The SFM is proposing the adoption of the following Articles:

Article 200 Use and Identification of Grounded Conductors

Article 210 Branch Circuits Not Over 1000 Volts ac, 1500 Volts dc, Nominal

Article 215 Feeders

Article 220 Branch-Circuit, Feeder, and Service Load Calculations

 Article 225 Outside Branch Circuits and Feeders

Article 230 Services

Article 235 Branch Circuits, Feeders, and Services Over 1000 Volts ac, 1500 Volts dc, Nominal

Article 240 Overcurrent Protection

Article 242 Overvoltage Protection

Article 245 Overcurrent Protection for Systems Rated Over 1000 Volts ac, 1500 Volts dc

Article 250 Grounding and Bonding

#### ITEM 4-0Article 210 Branch Circuits, Section 210.8 Ground-Fault Circuit-Interrupter Protection for Personnel.

[The SFM is proposing the adoption of section 210.8 with the following modification.]

**210.8 Ground-Fault Circuit-Interrupter Protection for Personnel.**

**(A)…** [No change to model code text.]

**(F) Outdoor Outlets.** For dwellings, all outdoor outlets, other than those covered in 210.8(A), Exception No.1, including outlets installed in the following locations, and supplied by single-phase branch circuits rated 150 volts or less to ground, 50 amperes or less, shall be provided with GFCI protection: [No change to model code text except exception No. 2.]

(1) Garages that have floors located at or below grade level

(2) Accessory buildings

(3) Boathouses

If equipment supplied by an outlet covered under the requirements of this section is replaced, the outlet shall be supplied with GFCI protection.

Exception No. 1: GFCI protection shall not be required on lighting outlets other than those covered in 210.8(C).

Exception No. 2: GFCI protection shall not be required for listed HVAC equipment. ~~This exception shall expire September 1, 2026.~~

#### ITEM 4-1Article 210 Branch Circuits, section 210.12 Arc-Fault Circuit-Interrupter Protection

[The SFM is proposing the adoption of section 210.12 with the following modification.]

**210.12 Arc-Fault Circuit-Interrupter Protection**

Arc-fault circuit-interrupter (AFCI) protection shall be installed in accordance with 210.12(B) through (E) by any of the means described in 210.12(A)(1) through (A)(6). The AFCI shall be listed and installed in a readily accessible location.

 …

(B) Dwelling Units.

…

Informational Note No. 1: See *~~NFPA 72-2016, National Fire Alarm and Signaling Code~~* NFPA 72-~~2022~~ *2025*, National Fire Alarm and Signaling Code, 29.9.4(5), for information on secondary power source requirements for smoke alarms installed in dwelling units.

…

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.

### ITEM 5Chapter 3 Wiring Methods and Materials

[The SFM is proposing the adoption of the following Articles without amendment.]

Article 300 General Requirements for Wiring Methods and Materials

Article 305 General Requirements for Wiring Methods and Materials for Systems Rated Over 1000 Volts ac, 1500 Volts dc, Nominal.

Article 310 Conductors for General Wiring

Article 312 Cabinets, Cutout Boxes, and Meter Socket Enclosures

Article 314 Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures

Article 315 Medium Voltage Conductors, Cable, Cable Joints, and Cable Terminations

Article 320 Armored Cable: Type AC

Article 322 Flat Cable Assemblies: Type FC

Article 324 Flat Conductor Cable: Type FCC

Article 326 Integrated Gas Spacer Cable: Type IGS

Article 330 Metal-Clad Cable: Type MC

Article 332 Mineral-Insulated, Metal-Sheathed Cable: Type MI

Article 334 Nonmetallic-Sheathed Cable: Types NM and NMC

Article 335 Instrumentation Tray Cable: Type ITC

Article 336 Power and Control Tray Cable: Type TC

Article 337 Type P Cable

Article 338 Service-Entrance Cable: Types SE and USE

Article 340 Underground Feeder and Branch-Circuit Cable: Type UF

Article 342 Intermediate Metal Conduit (IMC)

Article 344 Rigid Metal Conduit (RMC)

Article 348 Flexible Metal Conduit (FMC)

Article 350 Liquid tight Flexible Metal Conduit (LFMC)

Article 352 Rigid Polyvinyl Chloride Conduit (PVC)

Article 353 High-Density Polyethylene Conduit (HDPE Conduit)

Article 354 Nonmetallic Underground Conduit with Conductors (NUCC)

Article 355 Reinforced Thermosetting Resin Conduit (RTRC)

Article 356 Liquid tight Flexible Nonmetallic Conduit (LFNC)

Article 358 Electrical Metallic Tubing (EMT)

Article 360 Flexible Metallic Tubing (FMT)

Article 362 Electrical Nonmetallic Tubing (ENT)

Article 366 Auxiliary Gutters

Article 368 Busways

Article 369 Insulated Bus Pipe (IBP)/Tubular Covered Conductors (TCC) Systems

Article 370 Cable bus

Article 371 Flexible Bus Systems

Article 372 Cellular Concrete Floor Raceways

Article 374 Cellular Metal Floor Raceways

Article 376 Metal Wireways

Article 378 Nonmetallic Wireways

Article 380 Multioutlet Assembly

Article 382 Nonmetallic Extensions

Article 384 Strut-Type Channel Raceway

Article 386 Surface Metal Raceways

Article 388 Surface Nonmetallic Raceways

Article 390 Underfloor Raceways

Article 392 Cable Trays

Article 393 Low-Voltage Suspended Ceiling Power Distribution Systems

Article 394 Concealed Knob-and-Tube Wiring

Article 395 Outdoor Overhead Conductors over 1000 Volts

Article 396 Messenger-Supported Wiring

Article 398 Open Wiring on Insulators

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.

### ITEM 6Chapter 4 Equipment for General Use

[The SFM is proposing the adoption of the following Articles without amendment.]

Article 400 Flexible Cords and Flexible Cables

Article 402 Fixture Wires

Article 404 Switches

Article 406 Receptacles, Cord Connectors, and Attachment Plugs (Caps)

Article 408 Switchboards, Switchgear, and Panelboards

Article 409 Industrial Control Panels

Article 410 Luminaires, Lamp holders, and Lamps

Article 411 Low-Voltage Lighting

Article 422 Appliances

Article 424 Fixed Electric Space-heating Equipment

Article 425 Fixed Resistance and Electrode Industrial Process Heating Equipment

Article 426 Fixed Outdoor Electric Deicing and Snow-Melting Equipment

Article 427 Fixed Electric Heating Equipment for Pipelines and Vessels

Article 430 Motors, Motor Circuits, and Controllers

Article 440 Air-Conditioning and Refrigerating Equipment

Article 445 Generators

Article 450 Transformers and Transformer Vaults (Including Secondary Ties)

Article 455 Phase Converters

Article 460 Capacitors

Article 470 Resistors and Reactors

Article 480 Stationary Standby Batteries

Article 495 Equipment Over 1000 Volts ac, 1500 Volts dc, Nominal

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.

### ITEM 7Chapter 5 Special Occupancies

[The SFM is proposing the adoption of the following Articles with new and existing amendments as shown in Item 7-1 and 7-2. SFM is proposing to NOT adopt Article 550 Mobile Homes, Manufactured Home, and Mobile Home Parks, 551 Recreational Vehicles and Recreational Vehicle Parks, and 552 Park Trailers.]

Article 500 Hazardous (Classified) Locations, Classes I, II, and III, Division 1 and 2

Article 501 Class I Locations

Article 502 Class II Locations

Article 503 Class III Locations

Article 504 Intrinsically Safe Systems

Article 505 Zone 0, 1, and 2 Locations

Article 506 Zone 20, 21, and 22 Locations for Combustible Dust s or Ignitable Fibers/Flying

Article 511 Commercial Garages, Repair and Storage

Article 512 Cannabis Oil Equipment and Cannabis Oil Systems Using Flammable Materials

Article 513 Aircraft Hangers

Article 514 Motor Fuel Dispensing Facilities

Article 515 Bulk Storage Plants

Article 516 Spray Application, Dipping, Coating, and Printing Processes Using Flammable or Combustible Materials

Article 517 Health Care Facilities

Article 518 Assembly Occupancies

Article 520 Theaters, Audience Areas of Motion Picture and Television Studios, Performance Ares, and Similar Locations

Article 522 Control Systems for Permanent Amusement Attractions

Article 525 Carnivals, Circuses, Fairs, and Similar Events

Article 530 Motion Picture and Television Studios and Remote Locations

Article 540 Motion Picture Projection Rooms

Article 545 Manufactured Buildings and Relocatable Structures

Article 547 Agricultural Buildings

Article 555 Marina, Boatyards, Floating Buildings, and Commercial and Noncommercial Docking Facilities

Article 590 Temporary Installations

#### ITEM 7-1Article 517 Health Care Facilities, Section 517.31 Requirements for Essential Electrical System, 517.41 Required Power Sources, 517.42 Essential Electrical Systems for Nursing Homes and Limited Care Facilities, 517.45 Essential Electrical Systems for other Health Care Facilities

[The SFM is proposing the adoption of Article 517 with new amendments. Add sections 517.31(H), 517.42(G), and 517.45(H) to coordinate regulation with OSHPD.]

**517.31 Requirements for the Essential Electrical System.**

**…**

***(H) [SFM, OSHPD 1, 4 & 5] On-site energy storage systems and fuel supply.*** *The on-site Essential Electrical System sources (or set of sources) shall have sufficient resources on-site, and shall be available at all times to provide continuous essential power as follows:*

***(1) [SFM, OSHPD 1 & 4]*** *For correctional treatment centers that provide optional services, resources shall be sufficient to support not less than 24 hours full-demand operation. For acute care hospital facilities required to meet NPC-5, the on- site resources shall be available at all times sufficient to support not less than 72 hours at full output of the required Emergency Power Supply System (EPSS). On-Site fuel for redundant power sources is not required (i.e., for N+1 generators fuel is required for N generators only).*

*(2) [SFM, OSHPD 4 & 5], For the following health facilities with seven or more beds: correctional treatment centers that provide only basic services and acute psychiatric hospitals, on-site resources shall be available at all times sufficient to support not less than 6 hours at full output of the required Emergency Power Supply System (EPSS). On-Site fuel for redundant power sources is not required (i.e., for N+1 generators fuel is required for N generators only).***…**

**517.42 Essential Electrical Systems for Nursing Homes and Limited Care Facilities.**

**…**

***(G) [SFM, OSHPD 2, 4 & 5] On-site energy storage systems and fuel supply.*** *The on-site Essential Electrical System sources (or set of sources) shall have sufficient resources on-site to provide continuous essential power as follows:*

***(1) [SFM, OSHPD 2, 4 & 5]*** *For the following health facilities of seven or more beds: correctional treatment centers that provide only basic services, acute psychiatric hospitals, intermediate care facilities, and skilled nursing facilities, on-site resources shall be available at all times sufficient to support not less than 6 hours at full output of the required Emergency Power Supply System (EPSS). On-Site fuel for redundant power sources is not required (i.e., for N+1 generators fuel is required for N generators only).*

*(2) [SFM, OSHPD 2] For skilled nursing facilities that have an alternate source of power that is independent of the EES that provides power for mechanical equipment required to maintain safe temperatures, life-saving equipment and oxygen generating devices to meet requirements of CEC 517.1(B), sufficient onsite fuel (or contractual arrangement) shall be provided to operate the EPSS for 96 hours.*…

**517.45 Essential Electrical Systems for Other Health Care Facilities.**

…

***(H) [SFM, OSHPD 3 (Surgical Clinics only)]*** *For ambulatory surgical clinics, sufficient resources on-site and shall be available at all times to provide not less than 4 hours at full output of the required Emergency Power Supply System (EPSS).*

#### ITEM 7-2Article 590 Temporary Installation

[The SFM is proposing the adoption of Article 590, carrying forward the deletion of Section 590.3 (C), and carrying forward the existing SFM amendment of Section 590.3 (C.1).]

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.

### ITEM 8Chapter 6 Special Equipment

[The SFM is proposing the adoption of the following Articles and carrying over existing amendments as shown in Item 8-1.]

 Article 600 Electric Signs and Outline Lighting

Article 604 Manufactured Wiring Systems

Article 605 Office Furnishings

Article 610 Cranes and Hoists

Article 620 Elevators, Dumbwaiters, Escalators, Moving Walks, Platform Lifts, and Stairway Chairlifts

Article 625 Electric Vehicle Power Transfer System

Article 626 Electrified Truck Parking Spaces

Article 630 Electric Welders

Article 640 Audio Signal Processing, Amplification, and Reproduction Equipment

Article 645 Information Technology Equipment

Article 646 Modular Data Centers

Article 647 Sensitive Electronic Equipment

Article 650 Pipe Organs

Article 660 X-Ray Equipment

Article 665 Induction and Dielectric Heating Equipment

Article 668 Electrolytic Cells

Article 669 Electroplating

Article 670 Industrial Machinery

Article 675 Electrically Driven or Controlled Irrigation Machines

Article 680 Swimming Pools, Fountains, and Similar Installations

Article 682 Natural and Artificially Made Bodies of Water

Article 685 Integrated Electrical Systems

Article 690 Solar Photovoltaic (PV) Systems

Article 691 Large-Scale Photovoltaic (PV) Electric Supply Stations

Article 692 Fuel Cell Systems

Article 694 Wind Electric Systems

Article 695 Fire Pumps

#### ITEM 8-1Article 625 Electric Vehicle Power Transfer System, 625.52.

[The SFM is proposing the adoption of Article 625, carrying forward the deletion of Section 625.52 (B), and carrying forward the existing SFM amendment of Section *625.52 (C)*.]

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.

### ITEM 9Chapter 7 Special Conditions

[The SFM is proposing the adoption of the following Articles, repealing existing 700.12 amendments in coordination with OSHPD, and carrying over existing amendments to 760 as shown in Items 9-1 and 9-2.]

 Article 700 Emergency Systems

 Article 701 Legally Required Standby Systems

Article 702 Optional Standby Systems

Article 705 Interconnected Electric Power Production Sources

Article 706 Energy Storage Systems

Article 708 Critical Operations Power Systems (COPS)

Article 710 Stand-Alone Systems

Article 722 Cables for Power-Limited Circuits and Fault-Managed Power Circuits

Article 724 Class 1 Power-Limited Circuits and Class 1 Power-Limited Remote-Control and Signaling Circuits

Article 725 Class 2 and 3 Power-Limited Circuits

Article 726 Class 4 Fault-Managed Power Systems

Article 728 Fire-Resistive Cable Systems

Article 750 Energy Management Systems

Article 760 Fire Alarm Systems

Article 770 Optical Fiber Cables

#### ITEM 9-1Article 700 Emergency Systems, section 700.12 General Requirements

[The SFM is proposing to adopt Article 700 and repeal the following amendments in Section 700.12. to coordinate regulation with OSHPD.

**Associated Sections: 517.31(H), 517.42(G) and 517.45(H)** **in Item 7-1**

**Associated Sections: 517.31(H), 517.42(G) in Item 7-1**

**700.12 General Requirements.**

…

**(D) Generator Set.**

**(1) Prime Mover-Driven.** ...

**(2) Internal Combustion Engines as Prime Movers.**

(a) *On-Site Fuel Supply.* Where internal combustion engines are used as the prime mover, an on-site fuel supply shall be provided with an on-premises fuel supply sufficient for not less than 2 hours’ operation of the system.

*~~Exceptions [SFM, OSHPD 1, 2, 3, 4 & 5]~~*

*~~Exception No.1: [SFM, OSHPD 1, 2, 3, 4 & 5] The on-premises fuel supply shall be sufficient for not less than 24 hours full-demand operation in acute general care hospitals and correctional treatment centers that provide optional services. For acute care hospital facilities required to meet NPC-5, the on-premise fuel supply shall be sufficient for no less than 72 hours full-demand operations.~~*

*~~Exception No. 2: [SFM, OSHPD 1, 2, 3, 4 & 5] The on-premises fuel supply shall be sufficient for not less than 6 hours full-demand operation in the following health facilities of seven or more beds: correctional treatment centers that provide only basic services, acute psychiatric hospitals, intermediate care facilities, and skilled nursing facilities.~~*

*~~Exception No. 3: [SFM, OSHPD 1, 2, 3, 4 & 5] The on-premises fuel supply shall be sufficient for not less than 4 hours full-demand operation in ambulatory surgical clinics.~~*

#### ITEM 9-2Article 760 Fire Alarm Systems.

[The SFM is proposing to maintain the existing SFM amendment of Sections 760.1 through 760.176(F) with the following modifications shown below.]

 **760.1.1 Equipment and Systems**

*[SFM] Fire alarm equipment and systems required to be installed in any occupancy within the scope of these regulations shall conform to the applicable performance and construction standards specified in NFPA 72-~~2016~~ 2025.*

*…*

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.

### ITEM 10Chapter 8 Communication Systems

[The SFM is proposing the adoption of the following Articles without amendment.]

 Article 800 General Requirements for Communications Systems

Article 805 Communications Circuits

Article 810 Antenna Systems

Article 820 Community Antenna Television and Radio Distribution Systems

Article 830 Network-Powered Broadband Communications Systems

Article 840 Premises-Powered Broadband Communications Systems

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.

### ITEM 11Chapter 9 Tables

[The SFM is proposing the adoption of reference Tables 1-13 without amendment.]

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.

### ITEM 12Chapter 9, Informative Annex

[The SFM is proposing to adopt by reference Annex A and Annex B without amendment. SFM does not adopt Annex C through Annex K.]

#### Notation:

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 - 1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178, 51179 and 51189; Public Education Code 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.