CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

FINAL EXPRESS TERMS FOR PROPOSED BUILDING STANDARDS OF THE OFFICE OF THE STATE FIRE MARSHAL REGARDING THE 2019 RESIDENTIAL CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2.5

(2018 TRIENNIAL RULEMAKING CYCLE)

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)).

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

1. Model Code language appears upright.
2. Existing California amendments appear in *italics*.
3. Amended model code or new California amendments appear *underlined and in italics*.
4. Repealed model code language appears ~~upright and in strikeout~~.
5. Repealed California amendments appear in ~~*italics and strikeout*~~.

FINAL EXPRESS TERMS

Summary of Submittal Format

****PART 1****

1. Bring forward existing California Amendments from the 2016 California Residential Code for adoption into the 2019 California Residential Code **with amendment**.

2. Adopt standards from the 2018 International Residential Building Code into the 2019 California Residential Code **without amendment**, except for editorial corrections.

****PART 2****

1. Bring forward existing California Amendments from the 2016 California Residential Code for adoption into the 2019 California Residential Code **without amendments**.

2. Repeal 2016 California Amendments, which are **not** brought forward into the 2019 California Residential Code.

3. Adopt standards from the 2018 International Residential Building Code into the 2019 California Residential Code **without amendment**.

4. Adopt standards from the 2018 International Residential Building Code into the 2019 California Residential Code **with editorial amendment**.

****PART 1****

Item 1. WUI Work Group

SECTION R337
MATERIALS AND CONSTRUCTION
METODS FOR EXTERIOR WILDFIRE EXPOSURE

...

[SECTION R337.2]
[HEAVY TIMBER]

~~***HEAVY TIMBER**. A type of construction classification specified in Section 602. For use in this chapter, heavy timber shall be sawn lumber or glue-laminated wood with the smallest minimum nominal dimension of 4 inches (102 mm). Heavy Timber walls or floors shall be sawn or glue-laminated planks splined, tongue-and-grove, or set close together and well spiked.*~~

[R337.1.3]

R337.1.3 Application. *New buildings located in any Fire Hazard Severity Zone or any Wildland-Urban Interface Fire Area designated by the enforcing agency constructed after the application date shall comply with the provisions of this chapter.*

***Exceptions**:*

1. *Buildings of an accessory character classified as a Group U occupancy and not exceeding 120 square feet in floor area, when located at least 30 feet from an applicable building.*

2. *Buildings of an accessory character classified as Group U occupancy of any size located least 50 feet from an applicable building.*

3. *Buildings classified as a Group U Agricultural Building, as defined in Section 202 of this code (see also Appendix C – Group U Agricultural Buildings), when located at least 50 feet from an applicable building.*

4. *Additions to and remodels of buildings originally constructed prior to the applicable application date.*

5. *Group C, special buildings conforming to the limitations specified in Section 450.4.1.*

For the purposes of this section and 710A, applicable building includes all buildings that have residential, commercial, educational, institutional, or similar occupancy type use.

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

...

[R337.7.3]

R337.7.3 Exterior walls. *The exterior wall covering or wall assembly shall comply with one of the following requirements:*

1. *Noncombustible material*

2. *Ignition-resistant material*

3. ~~*Heavy-timber exterior wall assembly*~~ *Sawn lumber or glue laminated wood with the smallest minimum nominal dimension of 4 inches (102 mm). Sawn or glue-laminated planks splined, tongue-and-grove, or set close together and well spiked.*

4. *Log wall construction assembly*

5. *Wall assemblies that meet the performance criteria in accordance with the test procedures for a 10-minute direct flame contact exposure test set forth in SFM Standard 12-7A-1*

Exception: *Any of the following shall be deemed to meet the assembly performance criteria and intent of this section:*

1. One layer of 5/8-inch Type X gypsum sheathing applied behind the exterior covering or cladding on the exterior side of the framing

2. The exterior portion of a 1-hour fire resistive exterior wall assembly designed for exterior fire exposure including assemblies using the gypsum panel and sheathing products listed in the Gypsum Association Fire Resistance Design Manual.

...

[R337.7.8]

R337.7.8 Underfloor protection. *The underfloor area of elevated or overhanging buildings shall be enclosed to grade in accordance with the requirements of this chapter or the underside of the exposed underfloor shall consist of one of the following:*

1. Noncombustible material

2. Ignition-resistant material

3. One layer of 5/8-inch Type X gypsum sheathing applied behind an exterior covering on the underside of the floor projection

4. The exterior portion of a 1-hour fire resistive exterior wall assembly applied to the underside of the floor including assemblies using the gypsum panel and sheathing products listed in the Gypsum Association Fire Resistance Design Manual.

5. The underside of a floor assembly that meets the performance criteria in accordance with the test procedures set forth in either of the following:

5.1. SFM Standard 12-7A-3; or

5.2. ASTM E2957

Exception: *~~Heavy timber~~ Structural columns and beams do not require protection when constructed with sawn lumber or glue-laminated wood with the smallest minimum nominal dimension of 4 inches (102 mm). Sawn or glue-laminated planks splined, tongue-and-grove, or set close together and well spiked.*

...

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

[R337.7.9]

R337.7.9 Underside of appendages. *When required by the enforcing agency the underside of overhanging appendages shall be enclosed to grade in accordance with the requirements of this chapter or the underside of the exposed underfloor shall consist of one of the following:*

1. Noncombustible material

2. Ignition-resistant material

3. One layer of 5/8-inch Type X gypsum sheathing applied behind an exterior covering on the underside of the floor projection

4. The exterior portion of a 1-hour fire resistive exterior wall assembly applied to the underside of the floor including assemblies using the gypsum panel and sheathing products listed in the Gypsum Association Fire Resistance Design Manual

5. The underside of a floor assembly that meets the performance criteria in accordance with the test procedures set forth in either of the following:

5.1. SFM Standard 12-7A-3; or

5.2. ASTM E2957

Exception: *~~Heavy timber~~ Structural columns and beams do not require protection when constructed with sawn lumber or glue-laminated wood with the smallest minimum nominal dimension of 4 inches (102 mm). Sawn or glue-laminated planks splined, tongue-and-grove, or set close together and well spiked.*

...

[R337.8.2.2]

R337.8.2.2 Operable Skylights. *Operable skylights shall be protected by a non-combustible mesh screen where the dimensions of the openings in the screen shall not exceed 1/8-inch (3.2mm).*

R337.8.2.~~2~~3 Structural glass veneer. *The wall assembly behind structural glass veneer shall comply with Section R337.7.3 Exterior Walls.*

...

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

[R337.8.4]

R337.8.4 Garage Door Perimeter Gap ~~Weather stripping~~. *Exterior garage doors shall ~~be provided with weather stripping to~~ resist the intrusion of embers from entering by preventing ~~through~~ gaps between doors and door openings, at the bottom, sides and tops of doors, from exceeding ~~gaps exceed~~ 1/8-inch (3.2 mm). ~~Weather stripping or seals shall be installed on the bottom, sides, and tops of doors to reduce gaps between doors and door openings to 1/8-inch (3.2 mm) or less.~~ Gaps between doors and door openings shall be controlled by one of the following methods:*

1. *Weather stripping products made of materials that: (a) have been tested for tensile strength in accordance with ASTM D638 (Standard Test Method for Tensile Properties of Plastics) after exposure to ASTM G155 (Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials) for a period of 2000 hours, where the maximum allowable difference in tensile strength values between exposed and non-exposed samples does not exceed 10% , and (b) exhibit a V-2 or better flammability rating when tested to UL 94, Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances.*

2. *Door overlaps onto jambs and headers.*

3. *Garage door jambs and headers covered with metal flashing.*

...

[R337.9.4.2]

R337.9.4.2 Conditions of acceptance for ASTM E2726. *The ASTM E2726 test shall be conducted, using a "Class A" size roof test brand, on a minimum of three test specimens and the conditions of acceptance in 1 and 2 below shall be met. If any one of the three tests does not meet the conditions of acceptance, three additional tests shall be run. All of the additional tests shall meet the conditions of acceptance.*

1. Absence of sustained flaming or glowing combustion of any kind at the conclusion of the 40- min observation period

2. Absence of falling particles that are still burning when reaching the burner or floor.

[R337.9.5]

R337.9.5 Requirements for type of ~~ignition-resistant~~ material in Section R337.9.3, item (~~6~~7): *The material shall be tested in accordance with ASTM E2632 and shall comply with the following condition of acceptance. The ASTM E2632 test shall be conducted on a minimum of three test specimens and the peak heat release rate shall be less than or equal to 25 kW/ft² (269 kW/m²). If any one of the three tests ~~does~~ not meet the conditions of acceptance, three additional tests shall be run. All ~~of~~ the additional tests shall meet the condition of acceptance.*

...

[R337.10.2]

R337.10.2 Applicability. *The provisions of this section shall apply to buildings covered by Section 701A.3 Exception 1. This section shall also apply to specified attached and detached miscellaneous structures that require a building permit, including but not limited to; trellises, arbors, patio covers, ~~carports~~, gazebos, and similar structures.*

Exceptions.

1. *Decks shall comply with the requirements of Section 709A.*

2. *Awnings and canopies shall comply with the requirements of Section 3105.*

3. *Exterior wall architectural trim, embellishments, and fascias.*

~~*4. Roof or wall top cornice projections and similar assemblies.*~~

Notation
Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 13210, 13211, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50
Reference(s): Health and Safety Code Sections 13143, 13211, 18949.2, 25500 through 25545, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

Item 2. Photovoltaic system

[Delete amendment and adopt model language]

~~***R324.6 Roof access and pathways.*** *Roof access, pathways, and setback requirements shall be provided in accordance with Sections R324.6.1 through R324.6.2.1. Access and minimum spacing shall be required to provide emergency access to the roof, to provide pathways to specific areas of the roof, provide for smoke ventilation opportunity areas, and to provide emergency egress from the roof.*~~

~~***Exceptions:***~~

~~*1. Detached, nonhabitable structures, including but not limited to, detached garages, parking shade structures, carports, solar trellisses, and similar structures shall not be required to provide roof access.*~~

~~*2. Roof access, pathways, and setbacks need not be provided where the fire code official has determined that rooftop operations will not be employed.*~~

~~*3. These requirements shall not apply to roofs with slopes of 2 units vertical in 12 units horizontal (2:12) or less.*~~

~~**R324.6.1** ***Pathways.*** *Not less than two minimum 36 in. (914 mm) wide pathways on separate roof planes, from lowest roof edge to ridge, shall be provided on all buildings. At least one pathway shall be provided on the street or driveway side of the roof. For each roof plane with a photovoltaic array, a minimum 36 in. (914 mm) wide pathway from the lowest roof edge to ridge shall be provided on the same roof plane as the photovoltaic array, on an adjacent roof plane, or straddling the same and adjacent roof planes. Pathways shall be over areas capable of supporting fire fighters accessing the roof. Pathways shall be located in areas with minimal obstructions such as vent pipes, conduit, or mechanical equipment.*~~

~~***R324.6.2 Setback at ridge.*** *For photovoltaic arrays occupying not more than 33 percent of the plan view total roof area, not less than an 18-inch (457 mm) clear setback is required on both sides of a horizontal ridge. For photovoltaic arrays occupying more than 33 percent of the plan view total roof area, not less than a 36 inch (914 mm) clear setback is required on both sides of a horizontal ridge.*~~

~~***R324.6.2.1 Alternative setback at ridge.*** *Where an automatic sprinkler system is installed within the dwelling in accordance with NFPA 13D or Section P2904,*~~

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

~~set backs at ridges shall conform with one of the following:~~

~~1. For photovoltaic arrays occupying not more than 66 percent of the plan view total roof area, not less than an 18-inch (457 mm) clear set back is required on both sides of a horizontal ridge.~~

~~2. For photovoltaic arrays occupying more than 66 percent of the plan view total roof area, not less than a 36-inch (914 mm) clear set back is required on both sides of a horizontal ridge.~~

~~**R324.6.4 Emergency escape and rescue opening.** Panels and modules installed on dwellings shall not be placed on the portion of a roof that is below an emergency escape and rescue opening. A 36 inch (914mm) wide pathway shall be provided to the emergency escape and rescue opening.~~

Notation
Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.65, 13108, 13108.5, 13114, 13143, 13146, 18949.2
Reference(s): Health and Safety Code Sections 13143, 13195, 18949.2

Item 3. Energy Storage Systems

[Delete amendment and adopt model language]

SECTION R202 DEFINITIONS

...

~~***BATTERY SYSTEM, STATIONARY STORAGE.*** A rechargeable energy storage system consisting of electrochemical storage batteries, battery chargers, controls, and associated electrical equipment designed to provide electrical power to a building. The system is typically used to provide standby or emergency power, an uninterruptable power supply, load shedding, load sharing or similar capabilities.~~

...

~~***CHAPTER PART R327 STATIONARY STORAGE BATTERY SYSTEMS***~~

~~***R327.1 General.*** Stationary storage battery systems, where provided, shall comply with the provisions of this section.~~

~~***R327.2 Equipment listings.*** Stationary storage battery systems shall be listed and labeled for residential use in accordance with UL 9540.~~

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

~~***Exceptions:***~~

~~1. *Where approved, repurposed unlisted battery systems from electric vehicles are allowed to be installed outdoors or in detached sheds located a minimum five feet (1524 mm) from exterior walls, property lines and public ways.*~~
~~2. *Battery systems that are an integral part of an electric vehicle are allowed provided the installation complies with Section 625.48 of NFPA 70.*~~
~~3. *Battery systems less than 1 KWh (3.6 Mega joules).*~~

~~***R327.3 Installation.*** *Stationary storage battery systems shall be installed in accordance with the manufacturer's instructions and their listing, if applicable, and shall not be installed within the habitable space of a dwelling unit.*~~

~~***R327.4 Electrical installation.*** *Stationary storage battery systems shall be installed in accordance with NFPA 70. Inverters shall be listed and labeled in accordance with UL 1741 or provided as part of the UL 9540 listing. Systems connected to the utility grid shall use inverters listed for utility interaction.*~~

~~***R327.5 Ventilation.*** *Indoor installations of stationary storage battery systems that include batteries that produce hydrogen or other flammable gases during charging shall be provided with ventilation in accordance with Section M1307.4.*~~

~~***R327.6 Protection from impact.*** *Stationary storage battery systems installed in a location subject to vehicle damage shall be protected by approved barriers.*~~

Notation
Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.65, 13108, 13108.5, 13114, 13143, 13146, 18949.2
Reference(s): Health and Safety Code Sections 13143, 13195, 18949.2

Item 4. Flammability Standards for Building Insulation Materials

R316.2.1 Labeling of polystyrene foam insulation without flame retardants. *In addition to the requirements of Section 2603.2, polystyrene foam insulation boards manufactured with no flame retardants added shall be labeled in accordance with this section.*

1. Each board shall be labeled on each face every 8 square feet in red 1/2" text with the following information:

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

WARNING - FIRE HAZARD

This product is required to be installed below a minimum 3.5-inch thick concrete slab on grade.

NOT FOR VERTICAL OR ABOVE GRADE APPLICATIONS

This product contains NO flame retardants

Not tested for flame spread or smoke development requirements of the model building codes

2. Each package shall be labeled on at least two sides in red 1/2" text with the following information:

WARNING – COMBUSTIBLE MATERIAL

Keep away from ignition sources

Maintain code required separation between product storage and structures under construction (minimum 30 feet).

R316.3 Surface Burning Characteristics. Unless otherwise allowed in Section R316.5, foam plastic or foam plastic cores used as a component in manufactured assemblies used in building construction shall have a flame spread index of not more than 75 and shall have a smoke development index of not more than 450 when tested in the maximum thickness and density intended for use in accordance with ASTM E84 or UL 723.

Exceptions:

1. Foam plastic insulation more than 4 inches (102 mm) thick shall have a flame spread index of not more than 75 and a smoke-developed index of not more than 450 where tested at a thickness of not more than 4 inches (102mm) provided that the end use is approved in accordance with section R316.6 using the thickness and density intended for use.

2. Polystyrene foam insulation boards with a maximum thickness of 2-inches when installed below a minimum 3.5-inch thick concrete slab on grade

Notation

Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.65, 13108, 13108.5, 13114, 13143, 13146, 18949.2
Reference(s): Health and Safety Code Sections 13143, 13195, 18949.2

PART 2

Item 5. OSFM amendment updates by chapter

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

CHAPTER 1

Chapter 1- Division I

[The OSFM is proposing to maintain the adoption of those existing California provisions contained Sections 1.1 Through 1.1.12 and Sections 1.11 through 1.11.10 with modification.]

Part I — Administrative

CHAPTER 1
SCOPE AND APPLICATION
DIVISION I
CALIFORNIA ADMINISTRATION

1.1.1 Title. *These regulations shall be known as the California Residential Code, may be cited as such and will be referred to herein as "this code." The California Residential Code is Part 2.5 of thirteen parts of the official compilation and publication of the adoption, amendment and repeal of building regulations to the California Code of Regulations, Title 24, also referred to as the California Building Standards Code. This part incorporates by adoption the ~~2015~~2018 International Residential Code of the International Code Council with necessary California amendments.*

CHAPTER 1-Division II

[The OSFM proposes to only adopt Sections R104.2 – R104.4, R104.9 – R104.9.1, R105.1, R105.2.1 - R105.2.2, R105.3 - R105.3.1, R105.4, R105.6, R105.7, R106 – R106.5, R107 – R107.4, R109.1, R109.1.4 - R109.1.6, R109.2 - R109.4, R110 – R110.5, R111 – R111.3, R113 – R113.2 and R114 – R114.3 contained in Chapter 1.]

CHAPTER 1
DIVISION II

Division II is not adopted by the Department of Housing and Community Development or the State Fire Marshal except where specifically indicated.

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

CHAPTER 2

[The OSFM proposes to only adopt Sections R201 – R201.4 and the currently adopted definitions contained in Chapter 2.]

Notation:
Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 17921, 18949.2, Government Code Section 51189
References: Health and Safety Code Sections 13143, 18949.2, Government Code Sections 51176, 51177, 51178, 51179, Public Resources Code Sections 4201 through 4204

CHAPTER 3

[The OSFM proposes to only adopt Sections R302.1 – R302.14, R303.7 – R308.1, R308.3 – R308.4, R309.5, R309.6, R310 – R310.4, R311 – R311.8.3.3, R312 – R312.2.2, R313 – R313.3.8.2, R314 – R314.7.4, R316, R319, R321, R335 – R335.9, R336 – R336.8, R337 – R337.10.2, and R338 – R338.4 contained in Chapter 3.]

Notation:
Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13146, 17921, 18949.2, Government Code Section 51189
References: Health and Safety Code Sections 13143, 18949.2, Government Code Sections 51176, 51177, 51178, 51179, Public Resources Code Sections 4201 through 4204

CHAPTER 4-7

[The OSFM proposes to not adopt Chapter 4 though Chapter 7.]

CHAPTER 4
FOUNDATIONS

CHAPTER 5
FLOORS

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

CHAPTER 6
WALL CONSTRUCTION

CHAPTER 7
WALL COVERING

Notation:
Authority: Health and Safety Code Sections 13108, 13143, 17921, 18949.2
References: Health and Safety Code Sections 13143, 18949.2

CHAPTER 8

[The OSFM proposes to only adopt Sections R802.1.5 – R802.1.5.10 contained in Chapter 8.]

ROOF-CEILING CONSTRUCTION

Notation:
Authority: Health and Safety Code Sections 13108, 13108.5, 13132.7, 13143, 13143.2, 13143.6, 13146, 17921, 18949.2, Government Code Section 51189
References: Health and Safety Code Sections 13143, 18949.2, Government Code Sections 51176, 51177, 51178, 51179, Public Resources Code Sections 4201 through 4204

CHAPTER 9

[The OSFM proposes to only adopt Sections R901.1, R902.1 – R902.4, R904.1 – R904.4, and R918 contained in Chapter 9 with the following amendments and building standards.]

CHAPTER 9
ROOF ASSEMBLIES

Notation:
Authority: Health and Safety Code Sections 13108, 13108.5, 13132.7, 13143, 13143.2, 13143.6, 13146, 17921, 18949.2, Government Code Section 51189
References: Health and Safety Code Sections 13143, 18949.2, Government Code Sections 51176, 51177, 51178, 51179, Public Resources Code Sections 4201 through 4204

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

CHAPTER 10

[The OSFM proposes to only adopt Section R1003.9.1 contained in Chapter 10.]
(See item 13 for existing OSFM amendments and California regulations that are brought forward without modification.)

CHIMNEYS AND FIREPLACES

Notation:
Authority: Health and Safety Code Sections 13108, 13108.5, 13132.7, 13143, 13143.2, 13143.6, 13146, 17921, 18949.2, Government Code Section 51189
References: Health and Safety Code Sections 13143, 18949.2, Government Code Sections 51176, 51177, 51178, 51179, Public Resources Code Sections 4201 through 4204

CHAPTER 11-43

[The OSFM proposes to not adopt Chapters 11 through 43.]

Part IV—Energy Conservation

CHAPTER 11
ENERGY EFFICIENCY

Part V—Mechanical

CHAPTER 12
MECHANICAL ADMINISTRATION

CHAPTER 13
GENERAL MECHANICAL SYSTEM REQUIREMENTS

CHAPTER 14
HEATING AND COOLING EQUIPMENT

CHAPTER 15
EXHAUST SYSTEMS

CHAPTER 16
DUCT SYSTEMS

CHAPTER 17
COMBUSTION AIR

CHAPTER 18
CHIMNEYS AND VENTS

CHAPTER 19
SPECIAL FUEL-BURNING EQUIPMENT

CHAPTER 20
BOILERS ANDWATER HEATERS

CHAPTER 21
HYDRONIC PIPING

CHAPTER 22
SPECIAL PIPING AND STORAGE SYSTEMS

CHAPTER 23
SOLAR SYSTEMS

Part VI—Fuel Gas

CHAPTER 24 FUEL GAS

Part VII—Plumbing

CHAPTER 25
PLUMBING ADMINISTRATION

CHAPTER 26
GENERAL PLUMBING REQUIREMENTS

CHAPTER 27
PLUMBING FIXTURES

CHAPTER 28
WATER HEATERS

CHAPTER 29
WATER SUPPLY AND DISTRIBUTION

CHAPTER 30
SANITARY DRAINAGE

CHAPTER 31
VENTS

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

CHAPTER 32
TRAPS

CHAPTER 33
STORM DRAINAGE

Part VIII—Electrical

CHAPTER 34
GENERAL REQUIREMENTS

CHAPTER 35
ELECTRICAL DEFINITIONS

CHAPTER 36
SERVICES

CHAPTER 37
BRANCH CIRCUIT AND FEEDER REQUIREMENTS

CHAPTER 38
WIRING METHODS

CHAPTER 39
POWER AND LIGHTING DISTRIBUTION

CHAPTER 40
DEVICES AND LUMINAIRES

CHAPTER 41
APPLIANCE INSTALLATION

CHAPTER 42
SWIMMING POOLS

CHAPTER 43
CLASS 2 REMOTE-CONTROL, SIGNALING AND POWER-LIMITED CIRCUITS

Notation:
Authority: Health and Safety Code Sections 13108, 13143, 17921, 18949.2
References: Health and Safety Code Sections 13143, 18949.2

CHAPTER 44

CA BUILDING STANDARDS COMMISSION
JAN 16 2019
APPROVED

[The OSFM proposes to adopt Chapter 44.]

Notation:
Authority: Health and Safety Code Sections 1250, 1569.72, 1569.78, 1568.02, 1502, 1597.44, 1597.45, 1597.46, 1597.54, 1597.65, 13108, 13108.5, 13113.5, 13113.7, 13113.8, 13114, 13143, 13143.2, 13143.6, 13146, 17921, 18949.2, Government Code Section 51189
References: Health and Safety Code Sections 13143, 18949.2, Government Code Sections 51176, 51177, 51178, 51179, Public Resources Code Sections 4201 through 4204

APPENDICES

[The OSFM proposes to not adopt Appendices A through L.]

APPENDIX A
SIZING AND CAPACITIES OF GAS PIPING

APPENDIX B
SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS, CATEGORY I APPLIANCES, AND APPLIANCES LISTED FOR USE WITH TYPE B VENTS

APPENDIX C
EXIT TERMINALS OF MECHANICAL DRAFT AND DIRECT VENT VENTING SYSTEMS

APPENDIX D
RECOMMENDED PROCEDURE FOR SAFETY INSPECTION OF AN EXISTING APPLIANCE INSTALLATION

APPENDIX E
MANUFACTURED HOUSING USED AS DWELLINGS

APPENDIX F
PASSIVE RADON GAS CONTROL

APPENDIX G
SWIMMING POOLS, SPAS AND HOT TUBS

APPENDIX H
PATIO COVERS

APPENDIX I
PRIVATE SEWAGE DISPOSAL

APPENDIX J
EXISTING BUILDINGS AND STRUCTURES

APPENDIX K
SOUND TRANSMISSION

APPENDIX L
PERMIT FEES

Notation:
Authority: Health and Safety Code Sections 13108, 13143, 17921, 18949.2
References: Health and Safety Code Sections 13143, 18949.2

[The OSFM proposes to not adopt Appendices M and remove the following text.]

APPENDIX M

This Appendix is not applicable in California See Health and Safety Code Sections 1597.45, 1597.46, 1597.54 and 13143 regarding small family day care homes and large family day care homes. Provisions for day care facilities shall be in accordance with Section 1.1.3.1 for classification, R326 for large family day care, R325 for Group R-3.1 or the California Building Code.

Notation:
Authority: Health and Safety Code Sections 13108, 13143, 17921, 18949.2
References: Health and Safety Code Sections 13143, 18949.2