

**INITIAL EXPRESS TERMS  
FOR PROPOSED BUILDING STANDARDS  
OF THE STATE FIRE MARSHAL  
REGARDING THE 2022 CALIFORNIA REFERENCED STANDARDS CODE,  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 12  
(SFM 08/21)**

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 and ellipsis.

**LEGEND for EXPRESS TERMS (California only codes - Parts 1, 6, 8, 11, 12)**

- Existing California amendments appear upright
  - Amended or new California amendments appear underlined
  - Repealed California language appears ~~upright and in strikeout~~
  - Ellipsis (...) indicate existing text remains unchanged
- 

The Office of the State Fire Marshal (SFM) proposes to adopt the 2022 edition of the California Referenced Standards Code (CRSC). SFM further proposes to:

Repeal the adoption by reference of the 2019 California Referenced Standards Code and incorporate and adopt by reference in its place the 2022 California Referenced Standards Code.

Adopt new building standards or necessary amendments to the 2022 California Referenced Standards Code as they pertain to California laws.

---

**INITIAL EXPRESS TERMS**

**Item 12-1**

**Part 12 Reference Standards**

The Office of the State Fire Marshal (SFM) proposes to maintain the Standards contained in Part 12 the California Referenced Standards Code for the 2022 edition of the California Referenced Standards Code with the following modification.

**Item 12-2**  
**Cross Reference Table**

**PART 12 CROSS REFERENCE TABLE**

(Cross reference table is nonregulatory, intended only as an aid to the code user.)

<b>PART 12 STANDARD</b>	<b>SUBJECT</b>	<b>ADOPTING AGENCY</b>	<b>ASSOCIATED TITLE 24 BUILDING STANDARD</b>
Chapter 12-3	<del>Window and Door Security Bars and Grills</del> <u>Releasing systems for security bars in dwellings</u>	SFM	Part 2, Sections <u>402.8.8, 452.1.5</u> and <u>1008.1.4.4, 1010.1.4.4.1, 1030.1.1, 1030.5</u> Part 2.5, <u>Section R310.1.1, R310.4</u> , Part 9, Sections <u>Title 19 -4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 1010.1.4.5.1, 1030.1.1, 1030.5, 1031.7, Appendix 4 452.1.5, Part 10, Section 505.4</u>
Chapter 12-4A	Laboratory animal quarters standards	DPH	Part 2, Section 1236
Chapter 12-4-1	Stage and Platforms	SFM	Part 2, Sections <u>410.2.7, 410.2.7.1, 410.2.7.2</u> Part 9 Sections <u>105.6.51, 4809</u>
Chapter 12-7-1	<del>Fire-resistance</del> <u>ive standards. Fire tests of building construction and materials</u>	SFM	<u>Part 2 Section 703</u>
Chapter 12-7-2	<del>Fire-resistance</del> <u>Reserved</u>	SFM	Reserved
Chapter 12-7-3	<del>Fire-resistance</del> <u>ive standards. Fire testing furnaces</u>	SFM	<u>Part 9 Section 3001</u>
Chapter 12-7-4	<del>Fire-resistance</del> <u>ive standards. Fire door assembly tests</u>	SFM	<u>Part 2 Section 716</u>
Chapter 12-7-5	<del>Fire- resistance</del> <u>ive standards. Interior Finish of Decorative Material</u>	SFM	<u>Part 2 Chapter 8</u> <u>Part 9, Sections 803.10 and 803.10</u> <u>Chapter 8</u>
Chapter 12-7A	Materials and construction methods for exterior wildfire exposure	SFM	<u>Part 2, Sections 702A, 703A.7, 704A.2, 706A.3, 707A.3, 707A.5, 707A.6, 707A.7, 707A.8, 708A.2.1, 708A.3, and 709A.3</u> <u>Chapter 7A</u> <u>Part 9, Section 4905.2</u> <u>Chapter 49</u> <u>Part 2.5, Sections R327.2, R327.3.7, R327.4.2, R327.6.3, R327.7.3, R327.7.5, R327.7.6, R327.7.7, R327.7.8, R327.8.2.1, R327.8.3, and R327.9.3</u> <u>R337</u>
Chapter 12-8-1	<del>Fire protection -</del>	SFM	Part 2, Sections 408.14 and 425.6.2,

	<u>resistive standards for</u>		<u>Ch 35</u>
Chapter 12-72-3	<u>Protective Signaling</u>	SFM	Part 9, Section 425.6.2
Appendix 12-8-1A	<u>Calculation of the total rate of heat and carbon monoxide production</u>	SFM	
Appendix 12-8-1B	<u>Guide to mounting techniques for wall and ceiling interior finish material</u>	SFM	
Chapter 12-10-1	<u>Exits. Power-operated exit doors</u>	SFM	Part 2, Sections <u>408.4.2</u> and <u>1010.1.4.2</u> , <u>1010.1.9.1</u>
Chapter 12-10-2	<u>Exits. Single point latching or locking devices</u>	SFM	Part 2, Sections <u>407.4.1.1</u> , <u>1008.1.9.1</u> , <u>1010.1.4.4</u> , <u>1010.1.9.1</u> , <u>1010.1.9.4</u> Part 9, Section <u>1008.1.9.1</u> <u>1010.4.2</u>
Chapter 12-10-3	<u>Exits. Emergency exit and panic hardware</u>	SFM	Part 9, <u>Section 1009.12</u>
Chapter 12-11A, 12-11B	<u>Detectable Warning products and directional Surfaces</u>	DSA/ <u>HCD</u>	Part 2, Sections <u>1112A.9</u> , <u>1116A.5</u> , <u>11B-247</u> , and <u>11B-406.5.12</u> , <u>11B-705</u> , <u>11B-810.5.2</u>
Chapter 12-12	Reserved		
Chapter 12-13	<u>Standards for Insulating material</u>	CA/SFM (amended Chapter in 2016)	Part 2.5 <u>R302.10.1</u> Part 6, Section 110.8 Part 9, <u>Section 720</u> , <u>Table 721.1(1)</u> Part 11, Sections <u>A5.205.3.1</u> and <u>A5.504.4.8</u>
Chapter 12-16-1	<u>California standard for earthquake-actuated automatic gas shutoff systems</u>	DSA	Part 2, Chapters 16 and 16A Part 5, Section 1210.18 (it is chapter 12 in ET)
Chapter 12-16-2	<u>California standard for residential excess flow actuated automatic gas shutoff valves</u>	DSA	Part 5, Section 1210.18 (it is chapter 12 in ET)
Chapter 12-31C	<u>Radiation shielding standards</u>	DPH	Part 2, Section 3102C
Chapter 12-71	Air filters	SFM	Part 4, Sections <u>401.4</u> <u>401.2</u> , <u>509.2.3</u> , and <u>509.2.3.4</u> Part 6, <u>Section 120.1</u>
Chapter 12-72-1	<u>Protective Signaling systems, standard test procedures</u>	SFM	
Chapter 12-72-2	<u>Protective Signaling systems, Single-and multiple-station fire alarm devices mechanically operated</u>	SFM	

**CHAPTER 12-7A  
MATERIALS AND CONSTRUCTION METHODS  
FOR EXTERIOR WILDFIRE EXPOSURE**

**Item 12-3**

**Chapter 12-7A, Materials and Construction methods for wildfire exposure, Section SFM Standard 12-7A-5**

**IGNITION-RESISTANT MATERIAL  
SFM STANDARD 12-7A-5**

~~**12-7A-5.1 Application.** The minimum design, construction and performance standards set forth herein for ignition-resistant materials are those deemed necessary to establish conformance to the provisions of these regulations. Materials and assemblies that meet the performance criteria of this standard are acceptable for use as defined in the *California Building Standards Code*.~~

~~**12-7A-5.2 Scope.** This standard determines the performance of ignition-resistant materials when exposed to embers and small flames.~~

~~**12-7A-5.3 Referenced documents.**~~

- ~~1. ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials.~~
- ~~2. UL 723, Test for Surface Burning Characteristics of Building Materials.~~
- ~~3. *California Building Code*, Chapter 7A.~~

~~**12-7A-5.4 Definitions.** Ignition-resistant material A type of building material that resists ignition or sustained flaming combustion sufficiently so as to reduce losses from wildland-urban interface conflagrations under worst-case weather and fuel conditions with wildfire exposure of burning embers and small flames, as prescribed in California Building Standards Code Section 703A.~~

~~**12-7A-5.5 Equipment.** Equipment is to be in accordance with the tests specified in Section 12-7A-5.9 Conduct of Tests.~~

~~**12-7A-5.6 Materials.** Materials used are to be in accordance with the tests specified in Section 12-7A-5.9 Conduct of Tests.~~

~~**12-7A-5.7 Test specimen preparation.** The test specimen is to be prepared in accordance with the tests specified in Section 12-7A-5.9 Conduct of Tests.~~

~~**12-7A-5.8 Weathering.** Weathering of materials shall be in accordance with California Building Code Section 703A Standards of Quality.~~

~~**12-7A-5.9 Conduct of tests.** When weathering is required by California Building Code Section 703A Standards of Quality, the materials to be tested shall be weathered in accordance with Section 12-7A-5.8 prior to testing in accordance with this Section. All materials shall be tested in accordance with the test procedures set forth in ASTM E 84 or UL 723 except that the test shall be continued for an additional 20 minutes for a total test period of 30 minutes.~~

~~**12-7A-5.10 Report.** The report shall include a description of the tested material, whether weathering was conducted, and the time and description of any degradation including but not limited to: structural failure, flaming drops or particles falling from the material during the test.~~

~~**12-7A-5.11 Conditions of Acceptance:**~~

- ~~1. **Flame spread.** Materials shall exhibit a flame spread index not exceeding 25 and shall show no evidence of progressive combustion following the 30-minute test period.~~
- ~~2. **Flame front.** Materials shall exhibit a flame front that does not progress more than 10 1/2 feet (3200 mm) beyond the centerline of the burner at any time during the 30-minute test period.~~

**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