

**15-DAY COMMENT PERIOD
MODIFICATIONS TO EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
OFFICE OF THE STATE FIRE MARSHAL (SFM)
REGARDING MODIFICATIONS OF THE
2010 CALIFORNIA REFERENCED STANDARDS CODE
CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 12**

Legend for Express Terms:

1. **New California regulation or modification:** California language appears underlined.
 2. **Repealed Text:** Shown as ~~Strikeout~~.
 3. **Amended, adopted or repealed language for the 15-day public comment:** Amended, adopted, or repealed language will appear in double underline and ~~double strikeout~~.
 4. **Notation:** Authority and Reference citations are provided at the end of each chapter.
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PROPOSED MODIFICATIONS:

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

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

12-7A-5.9 Conduct of tests. When weathering is required by California Building Code Section 703A Standards of Quality, ~~ignition resistant~~ the materials ~~are to be tested~~ shall be weathered in accordance with Section 12-7A-5.68 ~~Weathering prior to testing in accordance with this Section, and then~~ All materials shall be tested in accordance with the test procedures set forth in ASTM E 84 or UL 723 ~~when except that the test is shall be continued for an additional 20 minutes period, or an "extended" for a total test period of 30 minutes total period.~~

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 limited to: ~~peak heat release rate, structural failure, flaming drops or particles falling from the material~~ during the test.

12-7A-5.11 Conditions of acceptance:

1. **Flame spread.** Material shall exhibit a flame spread index not exceeding 25 and shall show no evidence of progressive combustion following the ~~extended~~ 30-minute test period.

2. **Flame front.** Material 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 ~~extended~~ 30-minute test period.

Notation:

Authority: Health and Safety Code Sections 13108, 13108.5, 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

Rational for modification:

The revisions to Sections 12-7A-5.5, 5.6, and 5.7 are necessary since the tests indicated in Section 12-7A-5.9 are not described in that section. The section simply references the two test methods ASTM E 84 or UL 723 so the more appropriate term to use is "specified" since those tests must be utilized in order to conduct the tests for ignition-resistant materials. Section 12-7A-5.9 has been revised to clarify that materials required to be weathered are to be weathered prior to testing in accordance with this section. Then all other materials are required to be tested in accordance with this section. Also the correct section reference number has been indicated as Section 12-7A-5.8 instead of Section 12-7A-5.6. And the reference to the "extended" test period has been eliminated since it has no meaning. Instead, the additional 20 minutes is indicated as resulting in a total test period of 30 minutes since the test period in ASTM E84 and UL 723 is only for 10 minutes.

Section 12-7A-5.10 has been revised by deleting the reference to "peak heat release rate" which is not a degradation and, furthermore, is not measured in the ASTM E84 or UL 723 tests. This section has also been revised to indicate that in addition to the time of any degradation, a description of the degradation should also be included.

Section 12-7A-5.11 has been revised to also delete the reference to the word "extended" for the reasons given above for the revisions to Section 12-7A-5.9.