# ADDENDUM TO INITIAL EXPRESS TERMS AND RATIONALE FOR PROPOSED BUILDING STANDARDS OF THE OFFICE OF THE **STATE FIRE MARSHAL** REGARDING THE **2022 CALIFORNIA FIRE CODE**, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 9

## (SFM 07/22)

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* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*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

## ADDENDUM to INITIAL EXPRESS TERMS and RATIONALE

### ITEM 17 ERRATA

[The SFM is proposing errata to the 2022 California Building Standards Code.]

**805.2.1.2 Heat release rate**. Newly introduced upholstered furniture shall have limited rates of heat release when tested in accordance with ASTM E1537 or California Technical Bulletin ~~133~~ *116 and 117,* as follows:

1.The peak rate of heat release for the single upholstered furniture item shall not exceed 80 kW.

**Exception:** Upholstered furniture in rooms or spaces protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1.

2.The total heat released by the single upholstered furniture item during the first 10 minutes of the test shall not exceed 25 MJ.

**Exception:** Upholstered furniture in rooms or spaces protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1.

**805.4.1.2 Heat release rate.** Newly introduced upholstered furniture shall have limited rates of heat release when tested in accordance with ASTM E1537 or California Technical Bulletin ~~133~~ *116 and 117*, as follows:

1.The peak rate of heat release for the single upholstered furniture item shall not exceed 80 kW.

**Exception:** Upholstered furniture in rooms or spaces protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1.

2.The total heat released by the single upholstered furniture item during the first 10 minutes of the test shall not exceed 25 MJ.

**Exception:** Upholstered furniture in rooms or spaces protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1.

**Reason:** TB 133 has been repealed by California’s Bureau of Electronic and Appliance Repair, Home Furnishings and Thermal Insulation, effective January 22, 2019.

The California Bureau of Electronic and Appliance Repair, Home Furnishings and Thermal Insulation (BEARHFTI) amended California’s furniture flammability regulations with the repeal of Technical Bulletin 133 (TB 133), effective January 22, 2019.

Enacted in1991, TB 133 established flammability requirements for upholstered seating used in public occupancies including hospitals, nursing homes jails, children’s day care centers, public auditoriums and stadiums, and assembly areas.

In recent years TB 133 was criticized by the industry for its mandated “open flame” test procedure. Deemed too severe, many manufactures reluctantly utilized flame retardants; a practice generally discouraged due to higher costs and possible health impacts.

With the repeal of TB 133, upholstered public occupancy seating shall meet the requirements of California’s other flammability standards, Technical Bulletin 116 (TB 116) and Technical Bulletin 117 (TB 117).

**[F] 903.2.8.3 Group R-4~~, Condition 2~~.** An automatic sprinkler system installed in accordance with Section 903.3.1.2 shall be permitted in Group R-4~~, Condition 2~~

occupancies.

**Reason:** Group R-4 in California is not divided into condition 1 and 2. This is an existing amendment to delete the reference to the conditions from the model code.

**California Technical Bulletin ~~133—1991: Flammability Test Procedure for Seating Furniture for Use in Public Occupancies~~ *116: Requirements, test procedure and apparatus for testing of the flame retardance of upholstered furniture and 117: Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture.***

805.2.1.2, 805.4.1.2

**Reason:** TB 133 has been repealed by California’s Bureau of Electronic and Appliance Repair, Home Furnishings and Thermal Insulation, effective January 22, 2019. With the repeal of TB 133, upholstered public occupancy seating shall meet the requirements of California’s other flammability standards, Technical Bulletin 116 (TB 116) and Technical Bulletin 117 (TB 117).

**22—18: Standard for Water Tanks for Private Fire Protection**

507.2.2

**Reason:** The NFPA 22 standard was missed in the printing of the 2022 California Building Standards Code, Part 9. This proposed erratum is to correct that error.

**CAC Recommendation:**

[Enter CAC recommendation(s), if any]

**Agency Response:**

[Enter the agency's response to CAC recommendation(s)]