# COMMISSION ACTION MATRIX (REVISED) BUILDING FIRE AND OTHER – STRUCTURAL DESIGN/LATERAL FORCES AD-HOC (BFO/SDLF) CODE ADVISORY COMMITTEE – MARCH 1 AND 2, 2023

## 2022 California Building code, TITLE 24, PART 2 AGENCY: Office of the state fire Marshal, sfm 02/22

### LEGEND:

**CAC Actions:** Approve, Disapprove, Approve as Amended, Further Study Required

**Agency Responses:** Accept, Disagree, Withdraw

**CBSC Actions:** Approve, Disapprove, Approve as Amended, Further Study Required

**Matrix Paper Color** (for commission action only): GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required

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

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* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*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

### Chapter 1 SCOPE AND ADMINISTRATION

Amend sections listed below.

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| **Item Number 1** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
|  | ***1.11.1 SFM-Office of the State Fire Marshal: Specified state-occupied buildings.*** |  |  |  | Amend the definition of Specified State-Occupied buildings to remove exception and the reference to the University of California (UC). |  |
|  | **1.107.2.3 Means of Egress** |  |  |  | Proposal to delete the reference to I-1 and replace with R-2.1 |  |

### Chapter 2 SECTION 202 DEFINITIONS

Amend definitions listed below.

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| **Item Number 2** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-2-1 | **CARE SUITE** |  |  |  | Amend defined term for Care Suite to delete provisions regulating occupancy Group I-2.1. |  |
| SFM 02/22-2-2 | **FLAMMABLE GAS** |  |  |  | Amend defined term for flammable gas to include Category 1A and 1B. |  |
| SFM 02/22-2-3 | ***NONPATIENT-CARE SUITE*** |  |  |  | Amend defined term for Care Suite to delete provisions regulating occupancy Group I-2.1. |  |

### Chapter 3 OCCUPANCY CLASSIFICATION

Amend and repeal sections listed below.

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| **Item Number 3** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-3-1 | **302.1 Occupancy classification.** |  |  |  | Delete reference to I-2.1 occupancy. |  |
| SFM 02/22-3-2 | **304.1 Business Group B.** |  |  |  | Delete reference to I-2.1 occupancy. |  |
| SFM 02/22-3-3 | **Table 307.1(1)**  **307.4 High-Hazard Group H-2.**  **307.5 High-Hazard Group H-3.** |  |  |  | Amend regulations regarding H2 and H3 occupancies for Flammable Gases Categories 1A and 1B. |  |
| SFM 02/22-3-4 | **308.1 Institutional Group I.**  ***~~308.3.3 Institutional Group I.2.1~~*** |  |  |  | Delete reference to I-2.1 occupancy. |  |

### Chapter 4 DETAILED REQUIREMENTS BASED ON OCCUPANCY AND USE

Amend existing and add new sections as listed below.

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| **Item Number 4** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-4-1 | **407, 407.1, 407.2, 407.4, 407.4.1, 407.4.2 and 407.4.4** |  |  |  | Delete reference to I-2.1 occupancy in the Section Title and subsequent sections listed. |  |
| SFM 02/22-4-2 | **407.4.4.1 Exit access through care suites.** |  |  |  | Amend this section to reinstate an International Building Code provision published in the 2018 IBC and 2019 CBC. |  |
| SFM 02/22-4-3 | **407.4.5, 407.5 and 407.11** |  |  |  | Delete reference to I-2.1 occupancy. |  |
| SFM 02/22-4-4 | **414.2.5 Hazardous material in Group M display and storage areas and in Group S storage areas.**  ***Table 414.2.5 (3)***  ***414.2.5.4 Flammable gas.***  **Table 414.5.1** |  |  |  | Amend these sections to coordinate the requirements for flammable gas. |  |
| SFM 02/22-4-5 | **420.9 Domestic cooking appliances.** |  |  |  | Delete the reference to I-1 and replace with R-2.1. |  |
| SFM 02/22-4-6 | **422.2 Separation.**  **432.2 Refuge area.**  ***422.3.4 Distance of travel.*** |  |  |  | Proposal to amend these sections and add new Section 422.3.4 to maintain the existing requirements for ambulatory care facilities which were classified as I-2.1. |  |

### Chapter 5 GENERAL BUILDING HEIGHT AND AREAS

Amend sections and tables as listed below.

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| **Item Number 5** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-5-1 | **Tables 504.3, 504.4 and 506.2** |  |  |  | Delete reference to I-2.1 occupancy. |  |
| SFM 02/22-5-2 | **508.2.4 Separation of occupancies.** |  |  |  | Delete the reference to I-2.1 and correct item 4, Exception for R-1 sleeping units. |  |
| SFM 02/22-5-3 | **508.3.3 Separation. Tables 508.4 and 509.1** |  |  |  | Delete reference to I-2.1 occupancy. |  |
| SFM 02/22-5-4 | **509.3 Area limitations. *Exception*** |  |  |  | Add Exception regarding Group E Laboratories not classified as a Group H. |  |

### Chapter 7 FIRE AND SMOKE PROTECTION FEATURES

Amend sections listed below.

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| **Item Number 6** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-6-1 | **705.5 Fire-resistance ratings.** |  |  |  | Correct the reference to Table 705.5 which was Table 602 as printed in the 2019 Edition of the CBC. |  |
| SFM 02/22-6-2 | **708.1, 709.5, 709.5.1, 710.2, 712.1.9, 716.2.2.1, 716.2.6.6 and 717.6.1** |  |  |  | Delete reference to I-2.1 occupancy. |  |

**Chapter 7A MATERIALS AND CONSTRUCTION METHODS FOR EXTERIOR WILDFIRE EXPOSURE**

SFM proposes to correct the term Wildland-Urban Interface (WUI) where used in the text to correlate with the definition of WUI and update the reference in sections as listed below to refer to the State Fire Marshal as the agency responsible for designating Fire Severity Zones.

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| **Item Number 7** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-7-1 | ***701A.1, 701A.2, 701A.3, 701A.3.1*, *702A: FIRE PROTECTION PLAN*** |  |  |  | Correct the term Wildland-Urban Interface (WUI) used in the text to correlate with the definition of WUI. |  |
| SFM 02/22-7-2 | ***705A.1, 705A.2, 705A.2.1, 705A.2.2*** |  |  |  | SFM proposes to amend Section 705A Roofing regarding the roofing provisions for Fire Hazard Severity Zones. |  |
| SFM 02/22-7-3 | ***707A.5, 707A.6, 707A.7, 707A.8, 710A.2*** |  |  |  | SFM proposes to amend Section 707A Exterior covering to delete Exceptions for certain architectural building elements. |  |
| SFM 02/22-7-4 | ***711A MODEL ORDINANCE FOR FIRE HAZARD SEVERITY ZONE ADOPTION*** |  |  |  | Add model ordinance to Chapter 7A as a template for the establishment of documenting fire hazard severity zones as per direction of Government Code Section 51179. |  |

**Chapter 8 WALL AND CEILING FINISHES**

Amend section and table listed below.

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| **Item Number 8** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-8-1 | **804.4.2 and Table 803.13** |  |  |  | Delete the reference to I-2.1 and propose an erratum to Table 803.13 Group I-2 footnote o. |  |

**Chapter 9 FIRE PROTECTION AND LIFE SAFETY SYSTEMS**

Amend sections listed below.

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| **Item Number 9** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-9-1 | **903.2.1.2, 903.2.1.3, 903.2.3 and 903.2.7** |  |  |  | Correct an error where the state amended language regarding fire-resistance ratings. |  |
| SFM 02/22-9-2 | **903.2.8.2 *Reserved.* ~~Group R-4, Condition 1.~~**  **903.2.8.3 Group R4~~, Condition 2~~.** |  |  |  | Correct an error for Group R-4. This is an existing amendment to remove the conditions of Group R-4 occupancies. |  |
| SFM 02/22-9-3 | **903.3.2 Quick-response and residential sprinklers.** |  |  |  | Delete language that is not needed for I-2 occupancies. |  |
| SFM 02/22-9-4 | **907.2.6** **Group I.** |  |  |  | Delete reference to I-1 occupancy. |  |
| SFM 02/22-9-5 | **907.2.6.2 Group I-2 *~~and Group I-2.1~~*.** |  |  |  | Delete reference to I-2.1 occupancy. |  |
| SFM 02/22-9-6 | **907.2.9.3 Group R-2 college and university buildings.** |  |  |  | Amend this section to address several identified problems and issues brought to the SFM’s Fire Alarm Advisory committee from the fire alarm industry, authority having jurisdiction and other stakeholders. |  |
| SFM 02/22-9-7 | **907.2.13, 907.5.1.1, 907.5.2.2 and 907.5.2.3** |  |  |  | Delete reference to I-2.1 occupancy. |  |
| SFM 02/22-9-8 | ***907.3.3.1 Hoistway fire detection*.** |  |  |  | Add a new subsection to further clarify the need for detection to remain in the hoist way for the activation of recall. |  |
| SFM 02/22-9-9 | **907.5.2.3.1 Public use areas and common use areas.** |  |  |  | Add more specific clarifying examples where strobes shall be provided. |  |
| SFM 02/22-9-10 | ***907.5.2.5*, 909.5.3 and 909.5.3.1** |  |  |  | Delete reference to I-2.1 occupancy. |  |

**Chapter 10** **MEANS OF EGRESS**

Amend sections and tables listed below.

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| **Item Number 10** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-10-1 | **1003.2, 1003.3, 1003.3.1, *1003.3.3.1*, 1003.5, 1006.2.1, 1008.3.2, 1010.1.1, 1010.1.1.1, 1010.1.2, 1010.2.9 and Tables 1006.2.1, 1006.3.4(2)** |  |  |  | Delete reference to I-2.1 occupancy. |  |
| SFM 02/22-10-2 | **1010.2.4 Locks and latches.** |  |  |  | Delete the reference to I-1 and replace with R-2.1. |  |
| SFM 02/22-10-3 | **1010.2.13.1 Delayed egress locking system.** |  |  |  | Delete model code language and add a pointer to the existing requirements for automatic sprinklers and fire detection in I-2 occupancies when delayed egress in installed. |  |
| SFM 02/22-10-4 | **1011.2, 1016.2, 1019.3, 1019.4, 1020.2, 1020.5, *1022.3*, 1026.4.1 and Tables 1017.2, 1020.2** |  |  |  | Delete the reference to I-2.1 in sections listed. |  |

**Chapter 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES**

Amend and repeal sections listed below.

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| **Item Number 11** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-11-1 | **1505.1, *~~1505.1.1~~, ~~1505.1.3~~1505.1.1, 1505.1.2,* 1505.2, 1505.5 and 1505.6** |  |  |  | Amend and renumber Section 1505 Fire Classification subsections regarding the roofing provisions for Fire Hazard Severity Zones. |  |

**Chapter 30 ELEVATORS AND CONVENING SYSTEMS**

Amend section listed below.

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| **Item Number 12** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-12-1 | **3008.1.4 Operation.** |  |  |  | Delete the reference to ASME A17.1-2019/CSA B44-19 and refer to the California Code of Regulations, Title 8 which governs the provisions applicable to elevators. |  |

**Chapter 35 referenced standards**

Adopt and amend referenced standards listed below.

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| **Item Number 13** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-13-1 | **A17.1—2019/CSA B44—19:**  **A17.1~~—2019~~/CSA B44:** |  |  |  | Adopt the model code text for ASME A17.1-2019/CSA B44-19. This will make clear to code users that for certain sections of the code the latest edition is adopted. The California amendment referring to the edition as referenced in Title 8 is applied to those code sections that are applicable to elevators. |  |
| SFM 02/22-13-2 | **E108—~~2017~~ *2020a*:** |  |  |  | Adopt the latest edition of ASTM E108. |  |
| SFM 02/22-13-3 | **IFGC—21: International Fuel Gas Code** |  |  |  | Adopt the International Fuel Gas Code (IFGC). |  |
| SFM 02/22-13-4 | **NFPA 13—*22*** |  |  |  | Make corrections to NFPA 13-22 California amendments that were missed during the Triennial. |  |
| SFM 02/22-13-5 | **NFPA *24—~~19~~ 22:***  **NFPA 409—~~16~~ *22*:** |  |  |  | Adopt the 2022 edition of NFPA 24 and 409. |  |
| SFM 02/22-13-6 | **UL 790 *Edition 9* —~~2004~~ *2022*** |  |  |  | Adopt the 9th edition of UL 790. |  |

**Sections 310.5, 506.2.1, 1010.2.9 and Table 504.4**

(NEW ITEM ADDED PER SFM ADDENDUM DATED FEBRUARY 28, 2023)

Errata to the 2022 California Building Code.

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| **Item Number 14** | **Code Section** | **CAC Action** | **Agency Response** | **Public Comments** | **Annotations** | **CBSC Action** |
| SFM 02/22-14-1 | **310.5 Residential Group R-4.** |  |  |  | Existing amendment to delete the reference to the conditions from the model code that was missed during codification of the 2022 edition of the CBC. |  |
| SFM 02/22-14-2 | **TABLE 504.4** |  |  |  | The proposed errata is an existing California amendment from the 2006 Triennial rulemaking cycle that was accidentally missed during codification of the 2022 edition of the CBC. |  |
| SFM 02/22-14-3 | **506.2.1 Single-occupancy buildings.** |  |  |  | The model code change was missed in the existing California amendment for the Sa formula of Section 506.2.1 Single-occupancy buildings. |  |
| SFM 02/22-14-4 | **1010.2.9 Panic and fire exit hardware.** |  |  |  | The comma between the word ‘occupancy’ and ‘assembly’ was missed in the printed and digital copies of the California Building Code. The PDF version is correct. Without the comma the intent appears to change. The errata is to correct the intent and add the comma back in the code text. |  |