

State of California

Natural Resources Agency

Memorandum

To: California Building Standards Commission
2525 Natomas Park Drive, Suite 130
Sacramento, CA 95833

Date: July 20, 2018

Telephone: 916-568-3800

Website:
www.osfm.fire.ca.gov

From: Office of the State Fire Marshal (SFM)
2251 Harvard Street
Sacramento, CA 95815

Contact: Greg Andersen greg.andersen@fire.ca.gov

Contact: Crystal Sujeski crystal.sujeski@fire.ca.gov

Subject: ADDENDUM FOR PROPOSED BUILDING STANDARDS OF THE
OFFICE OF THE STATE FIRE MARSHAL

REGARDING PROPOSED CHANGES TO CALIFORNIA BUILDING CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2
2018 TRIENNIAL RULEMAKING CYCLE

[Item 1. California editorial, updates and errata by chapter]

Item 1 is editorial changes and have no intended regulatory changes.

[Chapter 3]

[Express Term as originally proposed in initial submittal:]

~~308.3.1, 308.3.1.1 Condition 1., 308.3.1.2 Condition 2.~~

[Initial Statement of Reason addendum expanded reasoning:]

~~308.3.1, 308.3.1.1 Condition 1., 308.3.1.2 Condition 2.~~ **Rationale:** The deletion of the model code sections is an existing California amendment. The model code section numbers in chapter 3 have changed. The errata update is being submitted to assure the amendment does not get missed in the printing process. These occupancy conditions are classified as I-2.1 in California. There is no regulatory effect.

[Express Term as originally proposed in initial submittal:]

~~308.4.2~~ 308.3.3 **Institutional Group I-2.1 Ambulatory Health Care Facility...**

[Initial Statement of Reason addendum expanded reasoning:]

~~308.4.2~~ 308.3.3 **Rationale:** The renumbering of chapter 3 in the model code has changed the regulations for Group 1-2 occupancies under 308.3. California occupancy classification I-2.1 is intended to be subsection under Group I-2. The proposal is renumbering with no regulatory effect.

"The Department of Forestry and Fire Protection serves and safeguards the people and protects the property and resources of California."

[adopt existing California amendments]

305.5.1 ...

[Express Term Addendum:]

308.5.2 Within a place of religious worship. Rooms and spaces within places of religious worship providing such care during religious functions shall be ~~classified as part of the primary occupancy licensed by the California State Department Health Services as required by Health and Safety Code Division 2 Chapter 3.5~~

308.5.3 Five or fewer persons receiving care. A facility having five or fewer persons receiving custodial care shall be ~~classified as part of the primary occupancy licensed pursuant to Health and Safety Code Division 2 Chapter 3.5 or 3.6.~~

308.5.4 Five or fewer persons receiving care in a dwelling unit. A facility such as the above within a dwelling unit and having five or fewer persons receiving custodial care shall be classified as a Group R-3 occupancy, where occupants are not capable of responding to an emergency situation without physical assistance from the staff shall be classified as a Group 1-4. ~~or shall comply with the International Residential Code.~~

[Initial Statement of Reason addendum expanded reasoning:]

305.5.2, 308.5.3, 308.5.4 Rational: The SFM is proposing to adopt and amend new model code language to better align with model code and aid the code user of the provisions from California Law for day care facilities. Often code officials have these scenarios and are looking to model code for an answer. Providing the Health and Safety code reference sections gives the code user a tool to find the specific requirements. There is no regulatory effect.

[Express Term as originally proposed in initial submittal:]

310.4 Residential Group R-3...

[Express Term as originally proposed in initial submittal:]

310.4.1 Care facilities within a dwelling.

[Initial Statement of Reason addendum expanded reasoning:]

310.4, 310.4.1 Rational: The SFM is proposal to keep the existing amendments to delete and amend the model code language for care facilities, congregate living facilities. The SFM is proposing to repeal the California amendment language for foster care facilities for six or fewer children because under California Health and Safety Code section 1530.5 and 1502 foster family homes shall be considered as private residences. In the California Building Code, Part 2 of T-24 private residences are classified as R-3 occupancies and those regulations would be applicable for foster care facilities. There is no regulatory effect.

[Express Term as originally proposed in initial submittal:]

310.5-14.1 Residential Group R-3.1...

[Initial Statement of Reason addendum expanded reasoning:]

310.5-14.1 Rational: The SFM amendment is to renumber the section to correlate with model code. The SFM is proposing to repeal the California amendment language for foster care facilities for six or fewer children because under California Health and Safety Code section 1530.5 and 1502 foster family homes shall be considered as private residences. In the California Building Code, Part 2 of T-24 private residences are classified as R-3 occupancies and those regulations would be applicable for foster care facilities. The Section number has been corrected and updated from section 310 to Chapter 2. The word "does" is proposed to be corrected to "do" in the California amendment to be grammatically correct. There is no regulatory effect.

"The Department of Forestry and Fire Protection serves and safeguards the people and protects the property and resources of California."

[Express Term Addendum:]

310.5 Residential Group R-4. Residential Group R-4 occupancy shall include buildings, structures or portions thereof for more than *six ambulatory clients*, but not more than 16 persons, excluding staff, who reside on a 24-hour basis in a supervised residential environment and receive custodial care. ~~Buildings of Group R-4 shall be classified as one of the occupancy conditions specified in Section 310.5.1 or 310.5.2.~~ This group shall include, but not be limited to, the following:

~~This occupancy classification may include a maximum six non-ambulatory or bedridden clients (see Section 435 Special Provisions for Licensed 24-Hour Care Facilities in a Group R-2.1, R-3.1 or R-4 Occupancy). Group R-4 occupancies shall include the following:~~

~~Alcohol and drug centers
Assisted living facilities
Congregate care facilities
Group homes
Halfway houses
Residential board and care facilities
Social rehabilitation facilities~~

Assisted living facilities such as:

*Residential care facilities,
Residential care facilities for the elderly (RCFE),
Adult residential facilities,
Congregate living health facilities,
Group homes.*

Social rehabilitation facilities such as:

*Halfway houses,
Community correctional centers,
Community correction reentry centers,
Community treatment programs,
Work furlough programs,
Alcoholism or drug abuse recovery or treatment facilities.*

Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3, except as otherwise provided for in this code. *This occupancy classification may include a maximum six non-ambulatory or bedridden clients (see Section 435 Special Provisions for Licensed 24-Hour Care Facilities in a Group R-2.1, R-3.1 or R-4 Occupancy). Group R-4 occupancies shall meet the requirements in Section 420.*

[Initial Statement of Reason addendum expanded reasoning:]

310.5 Rational: The SFM is proposing to keep the existing amendments as modified. The reference to sections 310.5.1 and 310.5.2 are being proposed to be deleted from model code as an existing California amendment has already removed these sections. The proposal is to correct this editorial error.

The proposal to move the existing amendment to after the list is to avoid confusion for the code user as to where the special requirements in chapter 4 can be found. This is a tool for code user ease. There is no regulatory effect.

[Chapter 4]

[Express Term as originally proposed in initial submittal:]

403 Section Title, 403.1, 403.1.1, 403.3.2, 403.3.2.1, 403.3.3

[Initial Statement of Reason addendum expanded reasoning:]

403 Section Title, 403.1, 403.1.1, 403.3.2, 403.3.2.1, 403.3.3

“The Department of Forestry and Fire Protection serves and safeguards the people and protects the property and resources of California.”

Rationale: The SFM is proposing errata and updates to the above section numbers to correlate with statute and correct reference pointers. The existing California amendment for sections that identify requirements high-rise building have caused confusion and questions on how to correctly measure to the 75 feet. The California Health and Safety Code provides a definition of a high-rise building. The existing California amendment conflicts with the statute. The proposal to clean up the high-rise language is to correlate with statute. There is no regulatory effect.

[Express Term as originally proposed in initial submittal:]

403.2.1.1 Type of construction ...

[Initial Statement of Reason addendum expanded reasoning:]

403.2.1.1 Rational: The is an existing California amendment. There is no regulatory effect.

[Express Term Addendum:]

406.6.2 Ventilation. ...

~~**Exception:** Mechanical ventilation shall not be required for enclosed parking garages that serve Group R-3 one- and two-family dwellings.~~

Exception: Mechanical ventilation shall not be required for enclosed parking garages that are accessory to Group R-3 one- and two-family dwellings.

[Initial Statement of Reason Addendum:]

406.6.2 Rational: The existing California amendment to proposed to be repealed and adopt model code language.

[Express Term as originally proposed in initial submittal:]

407.5.43 Refuge area. ...

[Initial Statement of Reason addendum expanded reasoning:]

407.5.43 Rational: The proposal is to renumber to correlate with model code.

[Express Term as originally proposed in initial submittal:]

~~**407.5.2 Independent egress...**~~

[Initial Statement of Reason addendum expanded reasoning:]

~~**407.5.2 Rational:** The proposal is to repeal the existing California amendment and adopt model code language that is located in section number 407.5.4.~~

[Express Term as originally proposed in initial submittal:]

~~**408.1.1 Definitions....**~~

[Initial Statement of Reason addendum expanded reasoning:]

~~**408.1.1 Rational:** The proposal is to correlate with model code. Definitions have moved to chapter 2 in the model code. There is no regulatory effect.~~

[Express Term as originally proposed in initial submittal:]

~~**415.12 Group H occupancies located above the 10th story on the 11th story and above, 415.12.1, 415.13**~~

“The Department of Forestry and Fire Protection serves and safeguards the people and protects the property and resources of California.”

[Initial Statement of Reason addendum expanded reasoning:]

415.12, 415.12.1, 415.13 Rational: The proposal is to clarify the requirement. There was confusion in the existing amendment whether the 10th floor was intended to be inclusive. Code section references are proposed to be corrected and updated.

[Express Term as originally proposed in initial submittal:]

420.7 Group I-1 assisted living housing units., 420.8 Group I-1 cooking facilities., 420.8.1...

[Initial Statement of Reason addendum expanded reasoning:]

420.7, 420.8, 420.8.1 Rational: The proposal is to maintain existing California amendments to delete model code language for these occupancies.

[Express Term as originally proposed in initial submittal:]

435.3.4 Ambulatory and Non-ambulatory elderly clients....

[Initial Statement of Reason addendum expanded reasoning:]

435.3.4 Rational: The proposal is to correct the deletion of the California amendment from the 2016 California Building Code.

[Chapter 6]

[Note: The proposal to repeal California amendment to Table 602 footnote h, requires the heading footnote for group R to be amended as well.]

[Express Term Addendum:]

**TABLE 602
FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS
BASED ON FIRE SEPARATION DISTANCE ^{a, d, g}**

FIRE SEPARATION DISTANCE = X (feet)	TYPE OF CONSTRUCTION	OCCUPANCY GROUP H ^{a, L}	O C C U P A N C Y G R	OCCUPANCY GROUP A, B, E, F-2, I, R ^{h,i} , S-2, U ^h
X < 5 ^b	All	3		1
5 ≤ X < 10	IA	3		1
	Others	2		1
10 ≤ X < 30	IA, IB	2		1 ^c
	IIB, VB	1		0

For SI: 1 foot = 304.8 mm.

[Initial Statement of Reason Addendum:]

TABLE 602 Rationale: With the repeal of the California amendment to Table 602 footnote h, the column heading for occupancy R footnote “h” reference needs to be updated to correlate with the proposed change and reference the appropriate footnote “i”. This is an editorial correction.

“The Department of Forestry and Fire Protection serves and safeguards the people and protects the property and resources of California.”

[Chapter 10]

[Express Term Addendum:]

1010.1.9.8 Delayed egress. Delayed egress locking systems shall be permitted to be installed on doors serving the following occupancies in buildings that are equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 ~~or~~ and an approved automatic smoke or heat detection system installed in accordance with Section 907.

1. Group B, F, I, M, R, S and U occupancies.
2. Group E classrooms with an occupant load of less than 50.

Exception: Delayed egress locking systems shall be permitted to be installed on exit or exit access doors, other than the main exit or exit access door, serving a Group A courtroom in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 and approved automatic smoke or heat detection system installed in accordance with Section 907.

[Initial State of Reason Addendum:]

1010.1.9.8 Rational: The change in model code required the SFM California amendment to be incorporated into the model code language. This maintains the current California amendment and has no regulatory effect.

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.

[Item 3. I-3 Work Group]

[716.2.2.1]

[Express Term Addendum:]

716.2.2.1 Door assemblies in corridors and smoke barriers. Fire door assemblies required to have a minimum fire protection rating of 20 minutes where located in corridor walls or smoke barrier walls having a fire-resistance rating in accordance with Table 716.1 (2) shall be tested in accordance with NFPA 252 or UL 10C without the hose stream test.

Exceptions:

1. ...

5. Cell or room doors, including cell or room doors with integral sidelites that have speaker ports and/or cuff ports that are part of the door assembly in Group I-3 occupancies which open into a required exit corridor within a cell complex, medical and mental health suite, program offices, family visiting area and complex control areas.

6. Safety room doors with a food pass with a lockable shutter, no more than 4 inches (102 mm) high, and located between 26 inches (660 mm) and 32 inches (813 mm) as measured from the bottom of the food pass to the floor.

“The Department of Forestry and Fire Protection serves and safeguards the people and protects the property and resources of California.”

[Initial State of Reason Addendum:]

716.2.2.1.2.3 Rational: The changes is correlate with the proposed change from BSCC in CBC 1230.1.13.

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.

[Item 10. Carbon Monoxide]

[Chapter 9]

[Express Term Addendum:]

915.2.3 Group E occupancies. Carbon monoxide detectors shall be installed in classrooms in Group E occupancies where classrooms include any of the conditions identified in Sections 915.1.2 through 915.1.6. Carbon monoxide alarm signals shall be automatically transmitted to an on-site location ~~that is staffed by school personnel~~ as approved by the authority having jurisdiction.

...

[Initial State of Reason Addendum:]

915.2.3 Rational: The current wording "...transmitted to an on-site location..." has been misinterpreted by designers to mean "any" location that is staffed, whereas DSA specifically requires the alarm signal to be transmitted to the "on-site campus administration office...". We actually had a designer argue that as written, the alarm signal could be sent to an adjacent classroom because it was "staffed by school personnel" which therefore met code intent. The proposed language is to clear up the intent so that it is clear and concise.

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.

"The Department of Forestry and Fire Protection serves and safeguards the people and protects the property and resources of California."