

**CODE TECHNOLOGIES COMMITTEE
NURSING CARE FACILITIES WORK GROUP
APPROVED CODE CHANGE DRAFTS**

CODE GROUP B

This report includes 3 code change proposal from the CTC Nursing Care Facilities Coordination committee developed for Group B changes.

Code	Section	Comments
IFC	405	Evacuation drills
IFC	805.1	Board and care
IFC/IBC	807.1 (IBC [F] 806.1)	Decorative materials

Fxx-12/13

Table 405.2, 408.3.2, 408.5.1.1(new), 408.5.1.2(new), 408.5.4, 408.5.5, 408.10.4

Proponent: Carl Baldassarra, P.E., FSFPE, Chair, ICC Code Technology Committee

Revise as follows:

SECTION 405 EMERGENCY EVACUATION DRILLS

405.2 Frequency. Required emergency evacuation drills shall be held at the intervals specified in Table 405.2 or more frequently where necessary to familiarize all occupants with the drill procedure.

**TABLE 405.2
FIRE AND EVACUATION DRILL
FREQUENCY AND PARTICIPATION**

GROUP OR OCCUPANCY	FREQUENCY	PARTICIPATION
Group A	Quarterly	Employees
Group B ^{e a}	Annually	Employees
Group E	Monthly ^a	All occupants
Group F	Annually	Employees
Group I	Quarterly on each shift	Employees^b
<u>Group I -1</u>	<u>Twice on each shift per year</u>	<u>All occupants</u>
<u>Group I -2</u>	<u>Quarterly on each shift</u>	<u>Employees</u>
<u>Group I -3</u>	<u>Quarterly on each shift</u>	<u>Employees</u>
<u>Group I -4</u>	<u>Monthly</u>	<u>All occupants</u>
Group R-1	Quarterly on each shift	Employees
Group R-2 ^{d b}	Four annually	All occupants
Group R-4	<u>Quarterly on each shift</u> <u>Twice on each shift per year</u>	<u>Employees^b All occupants</u>
High-rise buildings	Annually	Employees

~~a. The frequency shall be allowed to be modified in accordance with Section 408.3.2.~~

~~b. Fire and evacuation drills in residential care assisted living facilities shall include complete evacuation of the premises in accordance with Section 408.10.5. Where occupants receive habilitation or rehabilitation training, fire prevention and fire safety practices shall be included as part of the training program.~~

~~a.e.~~ Group B buildings having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge.

~~b.d.~~ Applicable to Emergency evacuation drills in Group R-2 college and university buildings shall be in accordance with Section 408.3. Other Group R-2 occupancies shall be in accordance with Section 408.9.

SECTION 408

USE AND OCCUPANCY-RELATED REQUIREMENTS

408.1 General. In addition to the other requirements of this chapter, the provisions of this section are applicable to specific occupancies listed herein.

408.1.1 ~~408.3.2~~ Emergency evacuation drill deferral. In severe climates, the *fire code official* shall have the authority to modify the emergency evacuation drill frequency specified in Section 405.2.

408.5 Group I-1 occupancies. Group I-1 occupancies shall comply with the requirements of Sections 408.5.1 through 408.5.5 and Sections 401 through 406.

408.5.1 Fire safety and evacuation plan. The fire safety and evacuation plan required by Section 404 shall include special staff actions including fire protection procedures necessary for residents and shall be amended or revised upon admission of any resident with unusual needs.

408.5.1.1 Fire evacuation plan. The fire safety and evacuation plan required by Section 404 shall include a description of special staff actions. Plans shall include the following in addition to the requirements of Section 404.

1. In Group I-1 Condition 2, procedures for staged evacuation to an adjacent smoke compartment prior to a complete building evacuation,

408.5.1.2 Fire safety plans. A copy of the plan shall be maintained at the facility at all times. Plans shall include the following in addition to the requirements of Section 404:

1. Location and number of any residents sleeping rooms.
2. Location of adjacent smoke compartments or refuge areas.
3. Path of travel to adjacent smoke compartments.
4. Location of any special locking, delayed egress or access control arrangements.

408.5.2 Staff training. Employees shall be periodically instructed and kept informed of their duties and responsibilities under the plan. Such instruction shall be reviewed by the staff at least every two months. A copy of the plan shall be readily available at all times within the facility.

408.5.3 Resident training. Residents capable of assisting in their own evacuation shall be trained in the proper actions to take in the event of a fire. The training shall include actions to take if the primary escape route is blocked. Where the resident is given rehabilitation or habilitation training, training in fire prevention and actions to take in the event of a fire shall be a part of the rehabilitation training program. Residents shall be trained to assist each other in case of fire to the extent their physical and mental abilities permit them to do so without additional personal risk.

408.5.4 Drill frequency. ~~Emergency evacuation drills shall be conducted at least six times per year, two times per year on each shift. In addition to the evacuation drills in Table 405.2, employees shall participate in an additional two times a year on each shift.~~ Twelve drills with all occupants shall be conducted in the first year of operation. Drills are not required to comply with the time requirements of Section 405.4.

408.5.5 Resident participation. Emergency evacuation drills shall involve the actual evacuation of residents to a selected assembly point and shall provide residents with experience in exiting through all required exits. All required exits shall be used during emergency evacuation drills.

408.10 Group R-4 occupancies. Group R-4 occupancies shall comply with the requirements of Sections 408.10.1 through 408.10.5 and Sections 401 through 406.

408.10.1 Fire safety and evacuation plan. The fire safety and evacuation plan required by Section 404 shall include special staff actions, including fire protection procedures necessary for residents, and shall be amended or revised upon admission of a resident with unusual needs.

408.10.2 Staff training. Employees shall be periodically instructed and kept informed of their duties and responsibilities under the plan. Such instruction shall be reviewed by the staff at least every two months. A copy of the plan shall be readily available at all times within the facility.

408.10.3 Resident training. Residents capable of assisting in their own evacuation shall be trained in the proper actions to take in the event of a fire. The training shall include actions to take if the primary escape route is blocked. Where the resident is given rehabilitation or habilitation training, training in fire prevention and actions to take in the event of a fire shall be a part of the rehabilitation training program. Residents shall be trained to assist each other in case of fire to the extent their physical and mental abilities permit them to do so without additional personal risk.

408.10.4 Drill frequency. ~~Emergency evacuation drills shall be conducted at least six times per year, two times per year on each shift. In addition to the evacuation drills in Table 405.2, employees shall participate in an additional two times a year on each shift.~~ Twelve drills with all occupants shall be conducted in the first year of operation. Drills are not required to comply with the time requirements of Section 405.4.

408.10.5 Resident participation. Emergency evacuation drills shall involve the actual evacuation of residents to a selected assembly point and shall provide residents with experience in exiting through all required exits. All required exits shall be used during emergency evacuation drills.

Exception: Actual exiting from windows shall not be required. Opening the window and signaling for help shall be an acceptable alternative.

The intent is to clarify the requirements for Group I-1, I-4 and R-4 fire and safety evacuation plans and drill requirements. Table 405.2 is expanded to indicate clearly when employees and residents/children are required to participate in the drills. Group I-1 and R-4 require resident's participation for 6 drills a year (common practice). The Group I-4 should have drills consistent with Group E facilities.

Footnote a is not needed for Group E only, because this proposal moves the allowance for the fire code official to modify emergency evacuation drills for weather for all groups (i.e., 408.3.2 moved to 408.1.1).

Current footnote b does not make logical sense to reference Group R-4 drill participation for residents for Group I facilities. The requirement has been specifically addressed in the appropriate use group section.

Revisions to current footnote d is a clarification for dorms vs. apartments.

Group I-1, must use the provisions in Section 404 in addition to the concerns specific to Group I-1. In Section 408.5.4, staff is required to have additional practice drills. This will equal what was in the table for staff to do quarterly drills on each shift. Section 408.5.5 resident participation is coordinated with Group R-4 language in Section 408.10.5.

In Section 408.10.4, staff is required to have additional practice drills. This will equal what was in the table for staff to do quarterly drills on each shift.

The Adhoc Health Care committee has proposals to fire and safety evacuation plans and drills for Group I-2 and Ambulatory Care Facilities. This proposal can be accepted independently, but would also work in conjunctions with these proposals.

Cost Impact: None

Contact: CTC Care Committee – Kim Paarlberg Secretariat

Fxx-12/13

805.1

Proponent: Carl Baldassarra, P.E., FSFPE, Chair, ICC Code Technology Committee

Revise as follows:

IFC 805.1 Group I-1, ~~board and care facilities~~ assisted living facilities. The requirements in Sections 805.1.1 through 805.1.2 shall apply to assisted living ~~board and care facilities~~ classified in Group I-1.

Reason: **Insert standard CTC paragraph**

The term 'board and care facilities' was deleted from the IBC during the last cycle. These provisions are appropriate for Group I-1 assisted living facilities.

Cost Impact: None

Contact: CTC Care Committee – Kim Paarlberg Secretariat

Fxx-12/13

202, 807.1; (IBC [F] 806.1)

Proponent: Carl Baldassarra, P.E., FSFPE, Chair, ICC Code Technology Committee

Revise as follows:

Coordinate with FCAC

[F] DECORATIVE MATERIALS. All materials applied over the building *interior finish* for decorative, acoustical or other effect (~~such as~~ including but not limited to curtains, draperies, fabrics, streamers and surface coverings), and all other materials utilized for decorative effect (~~such as~~ including but not limited to, photographs, paintings, bulletin boards, artwork, posters, batting, cloth, cotton, hay, stalks, straw, vines, leaves, trees, moss and similar items), including foam plastics and materials containing foam plastics. Decorative materials do not include floor coverings, ordinary window shades, *interior finish* and materials 0.025 inch (0.64 mm) or less in thickness applied directly to and adhering tightly to a substrate.

IFC 807.1 (IBC [F] 806.1) General requirements. In occupancies in Groups A, E, I-4 and R-1 and dormitories in Group R-2, curtains draperies, hangings and other *decorative materials* suspended from walls or ceilings shall meet the flame propagation performance criteria of NFPA 701 in accordance with section 806.2 or be noncombustible.

Exceptions:

1. Curtains, draperies, hangings and other decorative materials suspended from walls of *sleeping units* and *dwelling units* in dormitories in Group R-2 protected by an *approved automatic sprinkler system* installed in accordance with Section 903.3.1 and such materials are limited to not more than 50 percent of the aggregate area of walls.
2. Decorative materials, including, but not limited to, photographs and paintings in dormitories in Group R-2 where such materials are of limited quantities such that a hazard of fire development or spread is not present.

In Groups I-1 and I-2, combustible *decorative materials* shall meet the flame propagation performance criteria of NFPA 701 in accordance with section 806.2 or be noncombustible unless the decorative materials, including, but not limited to, photographs and paintings, are of such limited quantities that a hazard of fire development or spread is not present.

Exception: In Group I-2 nursing homes and Group I-1, within sleeping units and dwelling units, where the decorative materials are limited to not more than 30 percent of the aggregate area of walls.

In Group I-3, combustible decorations are prohibited.

Fixed or movable walls and partitions, paneling, wall pads and crash pads applied structurally or for decoration, acoustical correction, surface insulation or other purposes shall be considered *interior finish* if they cover 10 percent or more of the wall or of the ceiling area, and shall not be considered *decorative materials* or furnishings.

In Group B and M occupancies, fabric partitions suspended from the ceiling and not supported by the floor shall meet the flame propagation performance criteria in accordance with Section 806.2 and NFPA 701 or shall be noncombustible.

Reason: Insert standard CTC paragraph

Residents of long term care facilities seek to make their environment more residential and maintain connections with family and community. Part of this process is to include decorating their personal spaces with personal décor from their home and family. Long term facilities are truly the homes for the residents of these occupancies and this proposed change is only one of many changes required to make these occupancies more residential.

The intent is for this change to work with the proposal for decorative materials from the Adhoc Health Care Committee for areas in Group I-2 not in the residents sleeping rooms for a 20% maximum and the Fire Code Action Committee revisions to clarify this section.

Cost Impact: Reduction

Contact: CTC Care Committee – Kim Paarlberg Secretariat
