**Chapter 17 Existing Day-Care Occupancies**

17.1 General Requirements

17.1.1\* Application

17.1.1.1

The requirements of this chapter shall apply to existing buildings or portions thereof currently occupied as day-care occupancies.

17.1.1.2 Administration

The provisions of Chapter 1, Administration, shall apply.

17.1.1.3 General

The provisions of Chapter 4, General, shall apply.

17.1.1.4

The requirements of Sections 17.1 through 17.5 and Section 17.7 shall apply to existing day-care occupancies in which more than 12 clients receive care, maintenance, and supervision by other than their relative(s) or legal guardian(s) for less than 24 hours per day. An existing day-care occupancy shall be permitted the option of meeting the requirements of Chapter 16 in lieu of Chapter 17. An existing day-care occupancy that meets the requirements of Chapter 16 shall be judged as meeting the requirements of Chapter 17.

17.1.1.5

The requirements of Section 17.1 and Sections 17.4 through 17.7 shall apply to existing day-care homes as defined in 17.1.4. An existing day-care home shall be permitted the option of meeting the requirements of Chapter 16 in lieu of Chapter 17. An existing day-care home that meets the requirements of Chapter 16 shall be judged as meeting the requirements of Chapter 17.

17.1.1.6

Where a facility houses clients of more than one self-preservation capability, the strictest requirements applicable to any group present shall apply throughout the day-care occupancy or building, as appropriate to a given area, unless the area housing such a group is maintained as a separate fire area.

17.1.1.7\*

Rooms or spaces used for temporary child care, during short-term activities of the child's relative or guardian within the same building, shall not be required to meet the provisions of this chapter.

17.1.1.8 Multiple-Level Buildings

For purposes of applying requirements of this chapter that utilize the term level of exit discharge, including determination of stories in height as addressed in 4.6.3, the level of exit discharge shall be permitted to be the combination of floor levels as addressed in 17.1.1.8.1, 17.1.1.8.2, or 17.1.1.8.3.

17.1.1.8.1

One floor level located not more than eight stair risers above the level of exit discharge shall be permitted to be considered part of the level of exit discharge.

17.1.1.8.2

One floor level located not more than eight stair risers below the level of exit discharge shall be permitted to be considered part of the level of exit discharge.

17.1.1.8.3

Where one floor level is located above the level of exit discharge, another floor level is located below the level of exit discharge, and not more than a total of eight stair risers separate the upper level from the lower level, the two floor levels shall be permitted to be considered part of the level of exit discharge.

17.1.1.8.4

The provisions of 17.1.1.8.1, 17.1.1.8.2, and 17.1.1.8.3 shall not be used in combination with each other.

17.1.1.9

Where construction, alteration, or demolition operations are conducted, the provisions of 4.6.10.2 shall apply.

17.1.2 Classification of Occupancy

See 6.1.4.

17.1.2.1 General

Occupancies that include preschools, kindergartens, and other schools whose purpose is primarily educational for children 30 months of age or older, even though the children who attend such schools are of preschool age, shall comply with the provisions of Chapter 15.

17.1.2.2 Adult Day-Care Occupancies

17.1.2.2.1

Adult day-care occupancies shall include any building or portion thereof used for less than 24 hours per day to house more than three adults requiring care, maintenance, and supervision by other than their relative(s).

17.1.2.2.2

Clients in adult day-care occupancies shall be ambulatory or semiambulatory and shall not be bedridden.

17.1.2.2.3

Clients in adult day-care occupancies shall not exhibit behavior that is harmful to themselves or to others.

17.1.2.3\* Conversions

A conversion from a day-care home to a day-care occupancy with more than 12 clients shall be permitted only if the day-care occupancy conforms to the requirements of Chapter 16 for new day-care occupancies with more than 12 clients.

17.1.3 Multiple Occupancies

17.1.3.1 General

Multiple occupancies shall be in accordance with 6.1.14.

17.1.3.2 Atrium Walls Used in an Occupancy Separation

Atrium walls in accordance with 6.1.14.4.6 shall be permitted to serve as part of the separation required by 6.1.14.4.1 for creating separated occupancies on a story-by-story basis in other than high-hazard industrial and high-hazard storage occupancies.

17.1.3.3 Day-Care Occupancies in Apartment Buildings

If the two exit accesses from a day-care occupancy enter the same corridor as an apartment occupancy, the exit accesses shall be separated in the corridor by a smoke partition complying with both of the following:

It shall have not less than a 1-hour fire resistance rating and shall be constructed in accordance with Section 8.4.

It shall be located so that it has an exit on each side.

17.1.4 Definitions

17.1.4.1 General

For definitions, see Chapter 3, Definitions.

17.1.4.2 Special Definitions

A list of special terms used in this chapter follows:

Day-Care Home. See 3.3.150.1.

Flexible Plan and Open Plan Educational or Day-Care Building. See 3.3.37.6.

Self-Preservation (Day-Care Occupancy). See 3.3.254.

Separate Atmosphere. See 3.3.27.2.

17.1.5 Classification of Hazard of Contents

The contents of day-care occupancies shall be classified as ordinary hazard in accordance with Section 6.2.

17.1.6 Location and Minimum Construction Requirements

17.1.6.1

Day-care occupancies, other than day-care homes, shall be limited to the building construction types specified in Table 17.1.6.1 based on the number of stories in height as defined in 4.6.3. (See 8.2.1.)

Table 17.1.6.1 Construction Type Limitations

Construction Type Sprinkleredb One Story Belowc Stories in Heighta High-Rise

1 2 3—4 >4 but Not High-Rise

I (442) Yes X X X X X X

No X X X X X NP

I (332) Yes X X X X X X

No X X X X X NP

II (222) Yes X X X X X X

No X X X X X NP

II (111) Yes X X X Xd Xd NP

No X X Xd NP NP NP

II (000) Yes X X X NP NP NP

No NP X NP NP NP NP

III (211) Yes X X X Xd NP NP

No X X Xd NP NP NP

III (200) Yes NP X X NP NP NP

No NP X NP NP NP NP

IV (2HH) Yes X X X NP NP NP

No X X X NP NP NP

V (111) Yes X X X Xd NP NP

No X X Xd NP NP NP

V (000) Yes NP X X NP NP NP

No NP X NP NP NP NP

X: Permitted. NP: Not Permitted.

aSee 4.6.3.

bSprinklered throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7. (See 17.3.5.)

cOne story below the level of exit discharge.

dPermitted only if clients capable of self-preservation.

17.1.6.2 Reserved

17.1.7 Occupant Load

17.1.7.1

The occupant load, in number of persons for whom means of egress and other provisions are required, either shall be determined on the basis of the occupant load factors of Table 7.3.1.2 that are characteristic of the use of the space or shall be determined as the maximum probable population of the space under consideration, whichever is greater.

17.1.7.2

Where the occupant load is determined as the maximum probable population of the space in accordance with 17.1.7.1, an approved aisle, seating, and exiting diagram shall be required by the authority having jurisdiction to substantiate such a modification.

17.2 Means of Egress Requirements

17.2.1 General

Means of egress shall be in accordance with Chapter 7 and Section 17.2.

17.2.2 Means of Egress Components

17.2.2.1 Components Permitted

Components of means of egress shall be limited to the types described in 17.2.2.2 through 17.2.2.10.

17.2.2.2 Doors

17.2.2.2.1 General

Doors complying with 7.2.1 shall be permitted.

17.2.2.2.2 Panic Hardware or Fire Exit Hardware

Any door in a required means of egress from an area having an occupant load of 100 or more persons shall be permitted to be provided with a latch or lock only if the latch or lock is panic hardware or fire exit hardware complying with 7.2.1.7.

17.2.2.2.3 Special Locking Arrangements

17.2.2.2.3.1

Delayed-egress electrical locking systems complying with 7.2.1.6.1 shall be permitted.

17.2.2.2.3.2

Sensor-release of electrical locking systems complying with 7.2.1.6.2 shall be permitted.

17.2.2.2.3.3

Elevator lobby exit access door assemblies locking in accordance with 7.2.1.6.4 shall be permitted.

17.2.2.2.4\* Door Latches

Every door latch to closets, storage areas, kitchens, and other similar spaces or areas shall be such that clients can open the door from inside the space or area.

Upcodes Diagrams

17.2.2.2.5 Bathroom Doors

Every bathroom door lock shall be designed to allow opening of the locked door from the outside by an opening device that shall be readily accessible to the staff.

17.2.2.2.6 Locking of Classroom Doors and Doors to Other Client Care Spaces

17.2.2.2.6.1

Classroom doors and doors to other client care spaces shall be permitted to be locked provided that the locking means is approved and all of the following conditions are met:

The locking means shall be capable of being engaged from the egress side of the door without opening the door.

The unlocking and unlatching from the egress side of the door shall be accomplished without the use of a key, tool, or special knowledge or effort.

\*Two nonsimultaneous releasing motions shall be permitted where approved by the authority having jurisdiction.

The releasing mechanism for unlocking and unlatching shall be located at a height not less than 34 in. (865 mm) and not exceeding 48 in. (1220 mm) above the finished floor.

Locks, if remotely engaged, shall be unlockable from the egress side of the door without the use of a key, tool, or special knowledge or effort.

The door shall be capable of being unlocked and opened from outside the room with the necessary key or other credential.

The locking means shall not modify the door closer, panic hardware, or fire exit hardware or impair their operation.

Modifications to fire door assemblies, including door hardware, shall be in accordance with NFPA 80.

The emergency action plan, required by 17.7.1, shall address the use of the locking and unlocking means from both sides of the door.

Staff shall be drilled in the engagement and release of the locking means, from both sides of the door, as part of the emergency egress drills required by 17.7.2.

17.2.2.2.6.2

Where existing classroom doors and doors to client care spaces are replaced, they shall comply with the provisions of 16.2.2.2.6.

17.2.2.3\* Stairs

Stairs complying with 7.2.2 shall be permitted.

17.2.2.4 Smokeproof Enclosures

Smokeproof enclosures complying with 7.2.3 shall be permitted.

17.2.2.5 Horizontal Exits

17.2.2.5.1

Horizontal exits complying with 7.2.4 shall be permitted.

17.2.2.5.2

Day-care occupancies located six or more stories above the level of exit discharge shall have horizontal exits to provide areas of refuge, unless the building meets one of the following criteria:

The building is provided with smokeproof enclosures.

The building is protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.

17.2.2.6 Ramps

Ramps complying with 7.2.5 shall be permitted.

17.2.2.7 Exit Passageways

Exit passageways complying with 7.2.6 shall be permitted.

17.2.2.8 Fire Escape Ladders

Fire escape ladders complying with 7.2.9 shall be permitted.

17.2.2.9 Alternating Tread Devices

Alternating tread devices complying with 7.2.11 shall be permitted.

17.2.2.10 Areas of Refuge

Areas of refuge complying with 7.2.12 shall be permitted.

17.2.3 Capacity of Means of Egress

Capacity of means of egress shall be in accordance with Section 7.3.

17.2.4 Number of Means of Egress

17.2.4.1

The number of means of egress shall be in accordance with 7.4.1.1 and 7.4.1.3 through 7.4.1.6.

17.2.4.2

Not less than two separate exits shall be in accordance with both of the following criteria:

They shall be provided on every story.

They shall be accessible from every part of every story and mezzanine; however, exit access travel shall be permitted to be common for the distance permitted as common path of travel by 17.2.5.2.

17.2.4.3

Where the story below the level of exit discharge is occupied as a day-care occupancy, 17.2.4.3.1 and 17.2.4.3.2 shall apply.

17.2.4.3.1

One means of egress shall be an outside or interior stair in accordance with 7.2.2. An interior stair, if used, shall serve only the story below the level of exit discharge. The interior stair shall be permitted to communicate with the level of exit discharge; however, the exit route from the level of exit discharge shall not pass through the stair enclosure.

17.2.4.3.2

The second means of egress shall be permitted to be via an unenclosed stairway separated from the level of exit discharge in accordance with 8.6.5 and the path of egress travel on the level of exit discharge shall be protected in accordance with 7.1.3.1, unless one of the following criteria is met:

The path of egress on the level of exit discharge shall be permitted to be unprotected if the level of exit discharge and the level below the level of exit discharge are protected throughout by a smoke detection system.

The path of egress on the level of exit discharge shall be permitted to be unprotected if the level of exit discharge and the level below the level of exit discharge are protected throughout by an approved automatic sprinkler system.

17.2.5 Arrangement of Means of Egress

17.2.5.1

Means of egress shall be arranged in accordance with Section 7.5.

17.2.5.2

Limitations on common path of travel shall be in accordance with 17.2.5.2.1 and 17.2.5.2.2.

17.2.5.2.1

Common path of travel shall not exceed 100 ft (30 m) in a building protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.

17.2.5.2.2

Common path of travel shall not exceed 75 ft (23 m) in a building not protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.

17.2.5.3

No dead-end corridor shall exceed 20 ft (6100 mm), other than in buildings protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7, in which case dead-end corridors shall not exceed 50 ft (15 m).

17.2.5.4

The story used below the level of exit discharge shall be in accordance with 17.2.4.3.

17.2.6 Travel Distance to Exits

17.2.6.1

Travel distance shall be measured in accordance with Section 7.6.

17.2.6.2

Travel distance shall meet all of the following criteria, unless otherwise permitted by 17.2.6.3:

The travel distance between any room door intended as an exit access and an exit shall not exceed 100 ft (30 m).

The travel distance between any point in a room and an exit shall not exceed 150 ft (46 m).

The travel distance between any point in a sleeping room and an exit access door in that room shall not exceed 50 ft (15 m).

17.2.6.3

The travel distance required by 17.2.6.2(1) and (2) shall be permitted to be increased by 50 ft (15 m) in buildings protected throughout by an approved automatic sprinkler system in accordance with Section 9.7.

17.2.7 Discharge From Exits

Discharge from exits shall be arranged in accordance with Section 7.7, unless otherwise provided in 17.2.4.3.

17.2.8 Illumination of Means of Egress

Means of egress shall be illuminated in accordance with Section 7.8.

17.2.9 Emergency Lighting

Emergency lighting shall be provided in accordance with Section 7.9 in the following areas:

Interior stairs and corridors

Assembly use spaces

Flexible and open plan buildings

Interior or limited access portions of buildings

Shops and laboratories

17.2.10 Marking of Means of Egress

Means of egress shall have signs in accordance with Section 7.10.

17.2.11 Special Means of Egress Features

17.2.11.1 Windows for Rescue

17.2.11.1.1

Every room or space greater than 250 ft2 (23.2 m2) and normally subject to client occupancy shall have not less than one outside window for emergency rescue that complies with all of the following, unless otherwise permitted by 17.2.11.1.2:

Such windows shall be openable from the inside without the use of tools and shall provide a clear opening of not less than 20 in. (510 mm) in width, 24 in. (610 mm) in height, and 5.7 ft2 (0.5 m2) in area.

The bottom of the opening shall be not more than 44 in. (1120 mm) above the floor

The clear opening shall allow a rectangular solid, with a width and height that provides not less than the required 5.7 ft2 (0.5 m2) opening and a depth of not less than 20 in. (510 mm), to pass fully through the opening.

17.2.11.1.2

The requirements of 17.2.11.1.1 shall not apply to any of the following:

Buildings protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7

Where the room or space has a door leading directly to an exit or directly to the outside of the building

Where the room has a door, in addition to the door that leads to the exit access corridor and such door leads directly to an exit or directly to another corridor located in a compartment separated from the compartment housing the initial corridor by smoke partitions in accordance with Section 8.4

Rooms located four or more stories above the finished ground level

Where awning-type or hopper-type windows that are hinged or subdivided to provide a clear opening of not less than 4 ft2 (0.38 m2) or any dimension of not less than 22 in. (560 mm) meet the following criteria:

Such windows shall be permitted to continue in use.

Screen walls or devices in front of required windows shall not interfere with normal rescue requirements.

Where the room or space complies with all of the following:

One door providing direct access to an adjacent room and a second door providing direct access to another adjacent room shall be provided.

The two rooms to which exit access travel is made in accordance with 17.2.11.1.2(6)(a) shall each provide exit access in accordance with 17.2.11.1.2(2) or (3).

The corridor addressed by 17.2.11.1.2(3), if provided, shall be separated from the rooms by a wall that resists the passage of smoke, and all doors between the rooms and the corridor shall be self-closing in accordance with 7.2.1.8.

The length of travel to exits along such paths shall not exceed 150 ft (46 m).

Each communicating door shall be marked in accordance with Section 7.10.

No locking device shall be permitted on the communicating doors.

17.2.11.2 Lockups

Lockups in day-care occupancies, other than approved existing lockups, shall comply with the requirements of 23.4.6.

17.2.11.3 Hazardous Materials

Where hazardous materials are present, the provisions of 7.12.2 shall apply.

17.3 Protection

17.3.1 Protection of Vertical Openings

Any vertical opening, other than unprotected vertical openings in accordance with 8.6.9.1 or 8.6.9.2, shall be enclosed or protected in accordance with Section 8.6.

17.3.2 Protection From Hazards

17.3.2.1

Rooms or spaces for the storage, processing, or use of materials specified in 17.3.2.1(1) through (3) shall be protected in accordance with the following:

Separation from the remainder of the building by fire barriers having a minimum 1-hour fire resistance rating, or protection of such rooms by automatic extinguishing systems as specified in Section 8.7, in the following areas:

Boiler and furnace rooms, unless such rooms enclose only air-handling equipment

Rooms or spaces used for the storage of combustible supplies in quantities deemed hazardous by the authority having jurisdiction

Rooms or spaces used for the storage of hazardous materials or flammable or combustible liquids in quantities deemed hazardous by recognized standards

Janitor closets

Separation from the remainder of the building by fire barriers having a minimum 1-hour fire resistance rating and protection of such rooms by automatic extinguishing systems as specified in Section 8.7 in the following areas:

\*Laundries

Maintenance shops, including woodworking and painting areas

Rooms or spaces used for processing or use of combustible supplies deemed hazardous by the authority having jurisdiction

Rooms or spaces used for processing or use of hazardous materials or flammable or combustible liquids in quantities deemed hazardous by recognized standards

Where automatic extinguishing is used to meet the requirements of 17.3.2.1(1) and (2), protection as permitted in accordance with 9.7.1.2

17.3.2.2

Janitor closets protected in accordance with 17.3.2.1(1)(d) shall be permitted to have doors fitted with ventilating louvers where the space is protected by automatic sprinklers.

17.3.2.3

Cooking facilities shall be protected in accordance with 9.2.3, unless otherwise permitted by 17.3.2.4 or 17.3.2.5.

17.3.2.4

Openings shall not be required to be protected between food preparation areas and dining areas.

17.3.2.5

Approved domestic cooking equipment used for food warming or limited cooking shall not be required to be protected.

17.3.2.6 Hazardous Materials

Where hazardous materials are stored, used, or handled, the provisions of 8.7.3.1 shall apply.

17.3.3 Interior Finish

17.3.3.1 General

Interior finish shall be in accordance with Section 10.2.

17.3.3.2 Interior Wall and Ceiling Finish

Interior wall and ceiling finish materials complying with Section 10.2 shall be Class A or Class B throughout.

17.3.3.3 Interior Floor Finish

(Reserved)

17.3.4 Detection, Alarm, and Communications Systems

17.3.4.1 General

Day-care occupancies, other than day-care occupancies housed in one room, shall be provided with a fire alarm system in accordance with Section 9.6.

17.3.4.2 Initiation

Initiation of the required fire alarm system shall be by manual means and by operation of any required smoke detectors and required sprinkler systems. (See 17.3.4.5.)

17.3.4.3 Occupant Notification

17.3.4.3.1

Occupant notification shall be in accordance with 9.6.3.

17.3.4.3.2

Positive alarm sequence shall be permitted in accordance with 9.6.3.5.

17.3.4.3.3

Private operating mode in accordance with 9.6.3.7.3 shall be permitted.

17.3.4.4 Emergency Forces Notification

17.3.4.4.1

Emergency forces notification, other than for day-care occupancies with not more than 100 clients, shall be accomplished in accordance with 9.6.4.

17.3.4.4.2

Emergency forces notification shall be accomplished in accordance with 9.6.4 where the existing fire alarm system is replaced.

17.3.4.5 Detection

A smoke detection system in accordance with Section 9.6 shall be installed in day-care occupancies, other than those housed in one room or those housing clients capable of self-preservation where no sleeping facilities are provided, and such system shall comply with both of the following:

Detectors shall be installed on each story in front of the doors to the stairways and in the corridors of all floors occupied by the day-care occupancy.

Detectors shall be installed in lounges, recreation areas, and sleeping rooms in the day-care occupancy.

17.3.5 Extinguishment Requirements

17.3.5.1

Any required sprinkler system shall be in accordance with Section 9.7.

17.3.5.2

Required sprinkler systems, other than approved existing systems, shall be installed in accordance with 9.7.1.1(1).

17.3.5.3

Buildings with unprotected openings in accordance with 8.6.6 shall be protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.

17.3.5.4

Where required by 17.1.6, buildings containing a day care occupancy shall be protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.

17.3.6 Corridors

Every interior corridor shall be constructed of walls having a minimum 1/2-hour fire resistance rating in accordance with Section 8.3, unless otherwise permitted by any of the following:

Corridor protection shall not be required where all spaces normally subject to student occupancy have not less than one door opening directly to the outside or to an exterior exit access balcony or corridor in accordance with 7.5.3.

In buildings protected throughout by an approved automatic sprinkler system with valve supervision in accordance with Section 9.7, corridor walls shall not be required to be rated, provided that such walls form smoke partitions in accordance with Section 8.4.

Where the corridor ceiling is an assembly having a minimum 1/2-hour fire resistance rating where tested as a wall, the corridor walls shall be permitted to terminate at the corridor ceiling.

Lavatories shall not be required to be separated from corridors, provided that they are separated from all other spaces by walls having a minimum 1/2-hour fire resistance rating in accordance with Section 8.3.

Lavatories shall not be required to be separated from corridors, provided that both of the following criteria are met:

The building is protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.

The walls separating the lavatory from other rooms form smoke partitions in accordance with Section 8.4.

17.4 Special Provisions

17.4.1

Day care occupancies shall comply with Chapter 11 where located in a special structure.

17.4.2 Limited Access Buildings and Underground Buildings

Limited access buildings and underground buildings shall comply with Section 11.7.

17.4.3 High-Rise Buildings

High-rise buildings that house day-care occupancies on floors more than 75 ft (23 m) above the lowest level of fire department vehicle access shall comply with Section 11.8.

17.4.4 Flexible Plan and Open Plan Buildings

17.4.4.1

Flexible plan and open plan buildings shall comply with the requirements of this chapter as modified by 17.4.4.2 and 17.4.4.3.

17.4.4.2

Flexible plan buildings shall be permitted to have walls and partitions rearranged periodically only if revised plans or diagrams have been approved by the authority having jurisdiction.

17.4.4.3

Flexible plan buildings shall be evaluated while all folding walls are extended and in use as well as when they are in the retracted position.

17.4.5 Alcohol-Based Hand-Rub Dispensers

Alcohol-based hand-rub dispensers shall be protected in accordance with 8.7.3.1, unless all of the following requirements are met:

Dispensers shall be installed in rooms or spaces separated from corridors and exits.

The maximum individual dispenser fluid capacity shall be as follows:

0.32 gal (1.2 L) for dispensers in rooms

0.53 gal (2.0 L) for dispensers in suites of rooms

The dispensers shall be separated from each other by horizontal spacing of not less than 48 in. (1220 mm).

Storage of quantities greater than 5 gal (18.9 L) in a single fire compartment shall meet the requirements of NFPA 30.

The dispensers shall not be installed over or directly adjacent to an ignition source.

Dispensers installed directly over carpeted floors shall be permitted only in sprinklered rooms or spaces.

17.5 Building Services

17.5.1 Utilities

17.5.1.1

Utilities shall comply with the provisions of Section 9.1.

17.5.1.2

Special protective covers for all electrical receptacles shall be installed in all areas occupied by clients.

17.5.2 Heating, Ventilating, and Air-Conditioning Equipment

17.5.2.1

Heating, ventilating, and air-conditioning equipment shall be in accordance with Section 9.2.

17.5.2.2

Unvented fuel-fired heating equipment, other than gas space heaters in compliance with NFPA 54 shall be prohibited.

17.5.2.3

Any heating equipment in spaces occupied by clients shall be provided with partitions, screens, or other means to protect clients from hot surfaces and open flames; if solid partitions are used to provide such protection, provisions shall be made to ensure adequate air for combustion and ventilation for the heating equipment.

17.5.3 Elevators, Escalators, and Conveyors

Elevators, escalators, and conveyors, other than those in day-care homes, shall comply with the provisions of Section 9.4.

17.5.4 Waste Chutes, Incinerators, and Laundry Chutes

Waste chutes, incinerators, and laundry chutes, other than those in day-care homes, shall comply with the provisions of Section 9.5.

17.6 Day-Care Homes

17.6.1 General Requirements

17.6.1.1 Application

17.6.1.1.1 Reserved

17.6.1.1.2\*

The requirements of Section 17.6 shall apply to existing day-care homes in which more than 3, but not more than 12, clients receive care, maintenance, and supervision by other than their relative(s) or legal guardian(s) for less than 24 hours per day, generally within a dwelling unit. An existing day-care home shall be permitted the option of meeting the requirements of Section 16.6 in lieu of Section 17.6. Any existing day-care home that meets the requirements of Chapter 16 shall be judged as meeting the requirements of this chapter. (See also 17.6.1.4.)

17.6.1.1.3

Where a facility houses clients of more than one self-preservation capability, the strictest requirements applicable to any group present shall apply throughout the day-care home or building, as appropriate to a given area, unless the area housing such a group is maintained as a separate fire area.

17.6.1.1.4

Facilities that supervise clients on a temporary basis with a parent or guardian in close proximity shall not be required to meet the provisions of Section 17.6.

17.6.1.1.5

Places of religious worship shall not be required to meet the provisions of Section 17.6 where operating a day-care home while services are being held in the building.

17.6.1.2 Multiple Occupancies

See 17.1.3.

17.6.1.3 Definitions

See 17.1.4.

17.6.1.4 Classification of Occupancy

17.6.1.4.1 Subclassification of Day-Care Homes

Subclassification of day-care homes shall comply with 17.6.1.4.1.1 and 17.6.1.4.1.2.

17.6.1.4.1.1 Family Day-Care Home

A family day-care home shall be a day-care home in which more than three, but fewer than seven, clients receive care, maintenance, and supervision by other than their relative(s) or legal guardian(s) for less than 24 hours per day, generally within a dwelling unit.

17.6.1.4.1.2 Group Day-Care Home

A group day-care home shall be a day-care home in which not less than 7, but not more than 12, clients receive care, maintenance, and supervision by other than their relative(s) or legal guardian(s) for less than 24 hours per day, generally within a dwelling unit.

17.6.1.4.2\* Conversions

A conversion from a day-care home to a day-care occupancy with more than 12 clients shall be permitted only if the day-care occupancy conforms to the requirements of Chapter 16 for new day-care occupancies with more than 12 clients.

17.6.1.5 Classification of Hazard of Contents

See 17.1.5.

17.6.1.6 Location and Construction

No day-care home shall be located more than one story below the level of exit discharge.

17.6.1.7 Occupant Load

17.6.1.7.1

In family day-care homes, both of the following shall apply:

The minimum staff-to-client ratio shall be not less than one staff for up to six clients, including the caretaker's own children under age six.

There shall be not more than two clients incapable of self-preservation.

17.6.1.7.2

In group day-care homes, all of the following shall apply:

The minimum staff-to-client ratio shall be not less than two staff for up to 12 clients.

There shall be not more than 3 clients incapable of self-preservation.

The staff-to-client ratio shall be permitted to be modified by the authority having jurisdiction where safeguards in addition to those specified by Section 17.6 are provided.

17.6.2 Means of Escape Requirements

17.6.2.1 General

Means of escape shall comply with Section 24.2.

17.6.2.2 Reserved

17.6.2.3 Reserved

17.6.2.4 Number and Type of Means of Escape

17.6.2.4.1

The number and type of means of escape shall comply with Section 24.2 and 17.6.2.4.1 through 17.6.2.4.4.

17.6.2.4.2

Every room used for sleeping, living, recreation, education, or dining purposes shall have the number and type of means of escape in accordance with Section 24.2.

17.6.2.4.3

No room or space that is accessible only by a ladder or folding stairs or through a trap door shall be occupied by clients.

17.6.2.4.4

In group day-care homes where spaces on the story above the level of exit discharge are used by clients, that story shall have not less than one means of escape complying with one of the following:

Door leading directly to the outside with access to finished ground level

Door leading directly to an outside stair to finished ground level

Interior stair leading directly to the outside with access to finished ground level separated from other stories by a 1/2-hour fire barrier in accordance with Section 8.3

Interior stair leading directly to the outside with access to finished ground level separated from other stories by a barrier that has been previously approved for use in a group day-care home

17.6.2.4.5

Where clients occupy a story below the level of exit discharge, that story shall have not less than one means of escape complying with one of the following:

Door leading directly to the outside with access to finished ground level

Door leading directly to an outside stair to finished ground level

Bulkhead enclosure complying with 24.2.7

Interior stair leading directly to the outside with access to finished ground level separated from other stories by a 1/2-hour fire barrier in accordance with Section 8.3

Interior stair leading directly to the outside with access to finished ground level separated from other stories by a barrier that has been previously approved for use in a group day-care home

17.6.2.5 Arrangement of Means of Escape

17.6.2.5.1

A story used above or below the level of exit discharge shall be in accordance with 17.6.2.4.3 or 17.6.2.4.4.

17.6.2.5.2

For group day-care homes, means of escape shall be arranged in accordance with Section 7.5.

17.6.2.5.3

No dead-end corridor shall exceed 20 ft (6100 mm), other than in buildings protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7, in which case dead-end corridors shall not exceed 50 ft (15 m).

17.6.2.5.4

Doors in means of escape shall be protected from obstructions, including snow and ice.

17.6.2.6 Travel Distance

Travel distance shall comply with 17.6.2.6.1 through 17.6.2.6.3.

17.6.2.6.1

Diagram

Travel distance shall be measured in accordance with Section 7.6.

UpCodes Diagrams

P

Measurement of Travel Distance (NFPA 101)

17.6.2.6.2

Travel distance shall meet all of the following criteria, unless otherwise permitted by 17.6.2.6.3:

The travel distance between any point in a room and a door leading directly to the outside with access to finished ground level shall not exceed 150 ft (46 m).

The travel distance between any point in a sleeping room and access to a means of escape from that room shall not exceed 50 ft (15 m).

17.6.2.6.3

The travel distance required by 17.6.2.6.2(1) shall be permitted to be increased by 50 ft (15 m) in buildings protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.

17.6.2.7 Discharge From Exits

See 17.6.2.4.

17.6.2.8 Illumination of Means of Egress

Means of egress shall be illuminated in accordance with Section 7.8.

17.6.2.9 Emergency Lighting. (Reserved)

17.6.2.10 Marking of Means of Egress. (Reserved)

17.6.3 Protection

17.6.3.1 Protection of Vertical Openings

17.6.3.1.1

For group day-care homes, the doorway between the level of exit discharge and any story below shall be equipped with a fire door assembly having a 20-minute fire protection rating.

17.6.3.1.2

For group day-care homes where the story above the level of exit discharge is used for sleeping purposes, there shall be a fire door assembly having a 20-minute fire protection rating at the top or bottom of each stairway, unless otherwise permitted by 17.6.3.1.3.

17.6.3.1.3

Approved, existing, self-closing, 13/4 in. (44 mm) thick, solid-bonded wood doors without rated frames shall be permitted to continue in use.

17.6.3.2 Protection From Hazards

17.6.3.2.1 Reserved

17.6.3.3 Interior Finish

17.6.3.3.1 General

Interior finish shall be in accordance with Section 10.2.

17.6.3.3.2 Interior Wall and Ceiling Finish

17.6.3.3.2.1

Interior wall and ceiling finish materials complying with Section 10.2 shall be Class A or Class B in stairways.

17.6.3.3.2.2

Interior wall and ceiling finish materials complying with Section 10.2 shall be Class A, Class B, or Class C in occupied spaces.

17.6.3.3.3 Interior Floor Finish

(Reserved)

17.6.3.4 Detection, Alarm, and Communications Systems

17.6.3.4.1

Smoke alarms shall be installed within day-care homes in accordance with 9.6.2.10.

17.6.3.4.2

Where a day-care home is located within a building of another occupancy, such as in an apartment building or office building, any corridors serving the day-care home shall be provided with a smoke detection system in accordance with Section 9.6 except as otherwise provided in 17.6.3.4.4.

17.6.3.4.3

The corridor smoke detection system addressed in 17.6.3.4.2 shall not be required where all of the following conditions are met:

The day-care home is in a building of another occupancy that is not required to have a fire alarm system by another provision of this Code.

Smoke alarms are installed in accordance with 9.6.2.10 in the corridor serving the day-care home.

Smoke alarms are installed within the day-care home as required by 17.6.3.4.1.

Additional smoke alarms are installed within the day-care home within 15 ft (4.6 m) of all sleeping rooms.

The smoke alarms required by 17.6.3.4.3(2), (3), and (4) are interconnected, as required by NFPA 72, so that each sounds an alarm when any of these smoke alarms detects smoke.

The exemption of 17.6.3.4.5 for existing battery-powered smoke alarms does not apply.

17.6.3.4.4

Single-station or multiple-station smoke alarms or smoke detectors shall be provided in all rooms used for sleeping in accordance with 9.6.2.10, other than as permitted by 17.6.3.4.5.

17.6.3.4.5

Approved existing battery-powered smoke alarms, rather than house electrical service-powered smoke alarms required by 17.6.3.4.4, shall be permitted where the facility has testing, maintenance, and battery replacement programs that ensure reliability of power to the smoke alarms.

17.6.3.5 Extinguishment Requirements

Any required sprinkler systems shall be in accordance with Section 9.7 and, other than approved existing systems, shall be installed in accordance with 9.7.1.1(1), (2), or (3), as appropriate with respect to the scope of the installation standard.

17.6.4 Alcohol-Based Hand-Rub Dispensers

Alcohol-based hand-rub dispensers shall be protected in accordance with 8.7.3.1, unless all of the following requirements are met:

Dispensers shall be installed in rooms or spaces separated from corridors, stairways, and exterior doors.

The maximum individual dispenser fluid capacity shall be as follows:

0.32 gal (1.2 L) for dispensers in rooms

0.53 gal (2.0 L) for dispensers in suites of rooms

The dispensers shall be separated from each other by horizontal spacing of not less than 48 in. (1220 mm).

Storage of quantities greater than 5 gal (18.9 L) in a single fire compartment shall meet the requirements of NFPA 30.

The dispensers shall not be installed over or directly adjacent to an ignition source.

Dispensers installed directly over carpeted floors shall be permitted only in sprinklered rooms or spaces.

17.7 Operating Features

17.7.1\* Emergency Action Plans

Emergency action plans shall be provided in accordance with Section 4.8.

17.7.2 Emergency Egress and Relocation Drills

17.7.2.1\*

Emergency egress and relocation drills shall be conducted in accordance with Section 4.7 and the applicable provisions of 17.7.2.2.

17.7.2.2

Emergency egress and relocation drills shall be conducted as follows:

Not less than one emergency egress and relocation drill shall be conducted every month the facility is in session, unless both of the following criteria are met:

In climates where the weather is severe, the monthly emergency egress and relocation drills shall be permitted to be deferred.

The required number of emergency egress and relocation drills shall be conducted, and not less than four shall be conducted before the drills are deferred.

The monthly frequency specified by 17.7.2.2(1) shall be permitted to be bimonthly in adult day-care centers.

All occupants of the building shall participate in the drill.

One additional emergency egress and relocation drill, other than for day-care occupancies that are open on a year-round basis, shall be required within the first 30 days of operation.

17.7.3 Inspections

17.7.3.1

Fire prevention inspections shall be conducted monthly by a trained senior member of the staff, after which a copy of the latest inspection report shall be posted in a conspicuous place in the day-care facility.

17.7.3.2\*

It shall be the duty of site administrators and staff members to inspect all exit facilities daily to ensure that all stairways, doors, and other exits are in proper condition.

17.7.3.3

Open plan buildings shall require extra surveillance to ensure that exit paths are maintained clear of obstruction and are obvious.

17.7.3.4 Inspection of Door Openings

Door openings shall be inspected in accordance with 7.2.1.14.

17.7.4 Furnishings and Decorations

17.7.4.1

Draperies, curtains, and other similar furnishings and decorations in day-care occupancies, other than in day-care homes, shall be in accordance with the provisions of 10.3.1.

17.7.4.2

Clothing and personal effects shall not be stored in corridors, unless otherwise permitted by one of the following:

This requirement shall not apply to corridors protected by an automatic sprinkler system in accordance with Section 9.7.

This requirement shall not apply to corridor areas protected by a smoke detection system in accordance with Section 9.6.

This requirement shall not apply to storage in metal lockers, provided that the required egress width is maintained.

17.7.4.3

Artwork and teaching materials shall be permitted to be attached directly to the walls in accordance with the following:

The artwork and teaching materials shall not exceed 20 percent of the wall area in a building that is not protected throughout by an approved automatic sprinkler system in accordance with Section 9.7.

The artwork and teaching materials shall not exceed 50 percent of the area in a building that is protected throughout by an approved automatic sprinkler system in accordance with Section 9.7.

17.7.4.4

The provision of 10.3.2 for cigarette ignition resistance of newly introduced upholstered furniture and mattresses shall not apply to day-care homes.

17.7.5\* Day-Care Staff

Adequate adult staff shall be on duty in the facility and alert at all times where clients are present.

17.7.6 Integrated Fire Protection and Life Safety Systems

17.7.6.1

Integrated fire protection and life safety systems shall be tested in accordance with 9.11.4.1.

17.7.6.2

Integrated fire protection and life safety systems in high-rise buildings shall be tested in accordance with 9.11.4.2.

