

CHAPTER 70
UNIFORM FIRE CODE

Authority

N.J.S.A. 52:27B-139.12, 52:27D-24hh, 25d, 25k, 25gg, 124, 198 and 219.

Source and Effective Date

R.2005 d.225, effective June 14, 2005.
See: 36 N.J.R. 3652(a), 37 N.J.R. 2674(a).

Chapter Expiration Date

Chapter 70, Uniform Fire Code, expires on June 14, 2010.

Chapter Historical Note

Chapter 70, Congregate Housing Services Program, was adopted as R.1982 d.272, effective August 16, 1982. See: 14 N.J.R. 609(b), 14 N.J.R. 912(b). Pursuant to Executive Order No. 66(1978), Chapter 70, Congregate Housing Services Program, was readopted as R.1987 d.315, effective July 9, 1987. See: 19 N.J.R. 678(a), 19 N.J.R. 1430(a). Pursuant to Executive Order No. 66(1978), Chapter 70, Congregate Housing Services Program, was readopted as R.1992 d.214, effective April 22, 1992. See: 24 N.J.R. 513(c), 24 N.J.R. 1880(a). Pursuant to Executive Order No. 66(1978), Chapter 70, Congregate Housing Services Program, expired on April 22, 1997.

Chapter 70, Uniform Fire Code, was originally codified in Title 5 as Chapter 18, Uniform Fire Code. Chapter 18 was adopted as R.1985 d.66, effective February 19, 1985. See: 16 N.J.R. 3339(b), 17 N.J.R. 394(a).

Subchapter 4, Fire Safety Code, was adopted as R.1986 d.214, effective June 16, 1986. See: 17 N.J.R. 1161(a), 18 N.J.R. 1260(b).

Pursuant to Executive Order No. 66(1978), Chapter 18, Uniform Fire Code, was readopted as R.1990 d.72, effective January 4, 1990. See: 21 N.J.R. 3344(a), 22 N.J.R. 337(b).

Subchapter 3, State Fire Prevention Code, was repealed, and Subchapter 3, State Fire Prevention Code, was adopted as new rules by R.1992 d.105, effective March 2, 1992. See: 23 N.J.R. 3554(a), 24 N.J.R. 740(a).

Pursuant to Executive Order No. 66(1978), Chapter 18, Uniform Fire Code, was readopted as R.1995 d.58, effective January 3, 1995. See: 26 N.J.R. 4258(a), 27 N.J.R. 878(b).

Pursuant to Reorganization Plan No. 002-1998, Chapter 18, Uniform Fire Code, was recodified as N.J.A.C. 5:70, effective July 1, 1998. See: 30 N.J.R. 1347(a), 30 N.J.R. 2644(a).

Subchapter 3, State Fire Prevention Code, was repealed and Subchapter 3, State Fire Prevention Code, was adopted as new rules by R.1998 d.424, effective August 17, 1998 (operative January 2, 1999). See: 30 N.J.R. 1466(a), 30 N.J.R. 3068(c).

Pursuant to Executive Order No. 66(1978), Chapter 70, Uniform Fire Code, was readopted as R.2000 d.30, effective December 22, 1999. See: 31 N.J.R. 3257(a), 32 N.J.R. 273(c).

Chapter 70, Uniform Fire Code, was readopted as R.2005 d.225, effective June 14, 2005. See: Source and Effective Date.

Cross References

Child care center physical facility requirements, see N.J.A.C. 10:122-5.1 et seq.

Children's group home physical facility requirements, see N.J.A.C. 10:128-4.1 et seq.

Children's shelter physical facility and life-safety requirements, see N.J.A.C. 10:124-5.1 et seq.

Residential child care physical facility requirements, see N.J.A.C. 10:127-4.1.

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SUBCHAPTER 1. GENERAL PROVISIONS

5:70-1.1 Title; division into subchapters

(a) The regulations contained in this chapter shall be known as the "New Jersey Uniform Fire Code" and are referred to herein as the Code.

(b) The Code is divided into four subchapters:

1. N.J.A.C. 5:70-1, entitled "General Provisions";
2. N.J.A.C. 5:70-2, entitled "Administration and Enforcement";
3. N.J.A.C. 5:70-3, entitled "State Fire Prevention Code"; and
4. N.J.A.C. 5:70-4, entitled "State Fire Safety Code."

Amended by R.1985 d.611, effective December 2, 1985.

See: 17 N.J.R. 1015(b), 17 N.J.R. 2870(a).

(b)3 substituted "1984" for "latest".

Amended by R.1986 d.214, effective June 16, 1986.

See: 17 N.J.R. 1161(a), 18 N.J.R. 1260(b).

(b)4 deleted "(Reserved)" and added text "is entitled "Fire ... as this subchapter."

Amended by R.1992 d.104, effective March 2, 1992.

See: 23 N.J.R. 3552(a), 24 N.J.R. 739(a).

Text referencing BOCA deleted.

Amended by R.1995 d.58, effective March 6, 1995.

See: 26 N.J.R. 4258(a), 27 N.J.R. 878(b).

5:70-1.2 Authority

This Code is promulgated by the Commissioner of the Department of Community Affairs pursuant to authority of the "Uniform Fire Safety Act" (P.L. 1983, c.383, N.J.S.A. 52:27D-192 et seq.).

5:70-1.3 Intent and purpose

(a) It is the intent of this Code to prescribe regulations consistent with nationally recognized good practice for the safeguarding to a reasonable degree of life and property from the hazards of fire and explosion arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the use or occupancy of buildings or premises.

(b) Where no specific standards or requirements are specified in this Code, or contained within other applicable laws (or adopted codes) or ordinances, compliance with the standards of the National Fire Protection Association or other nationally recognized fire-safety standards as are approved by the fire official shall be deemed as prima facie evidence of compliance with the stated intent of this Code.

Amended by R.1985 d.611, effective December 2, 1985.

See: 17 N.J.R. 1015(b), 17 N.J.R. 2870(a).

Substituted "Prevention" for "Protection".

Amended by R.1995 d.58, effective March 6, 1995.

See: 26 N.J.R. 4258(a), 27 N.J.R. 878(b).

5:70-1.4 Applicability

(a) The provisions of this Code shall apply to new and existing buildings, uses and conditions, as hereinafter provided.

(b) The provisions contained in this Code shall not be construed as applying to the transportation of any article or substance shipped under the jurisdiction of and in compliance with the regulations prescribed by the military forces of the United States or the transportation of flammable or combustible liquids or hazardous materials or chemicals subject to the regulation and control of the New Jersey Department of Transportation or the United States Department of Transportation or other Federal Agency having jurisdiction.

1. The fire official shall have jurisdiction to order the correction of any dangerous condition created by any transportation conveyance.

2. The right of any local government to adopt ordinances governing the routing of vehicles transporting flammable or combustible liquids or hazardous materials or chemicals shall not be deemed to be limited by anything contained in this section.

(c) Nothing in this Code shall be construed, interpreted or applied to abrogate, nullify or abolish any law, ordinance or code adopted by any local government regulating the repair, removal, demolition, use, location, occupancy or maintenance of buildings and property as specifically provided herein. When any provision of this Code is found to be in conflict with any zoning, safety, health or other applicable law, ordinance or code of the jurisdiction existing on the effective date of this Code or hereafter adopted, the provision which establishes the higher standard for the promotion and protection of the safety and welfare of the public shall prevail.

(d) All regulations, other than this Code, promulgated by any State agency with regard to fire safety in existing buildings, structures and premises subject to this Code shall, to the extent of any inconsistency with this Code, be deemed to have been superseded by this Code.

(b) All buildings for which requirements are established in this subchapter shall be in compliance with such applicable requirements of this subchapter, unless a date for compliance is set forth in this subchapter.

1. Use Group R-3 structures used exclusively for dwelling purposes shall not be subject to any requirements of this subchapter other than N.J.A.C. 5:70-4.19.

2. Use Group A-2 (nightclubs) shall be in compliance with the applicable requirements of N.J.A.C. 5:70-4.7, 4.9 and 4.11 effective on February 5, 2007 by February 5, 2009.

Amended by R.1987 d.247, effective June 15, 1987.
See: 18 N.J.R. 1225(a), 19 N.J.R. 1078(a).

(c), (d), and (e) added. Correction to rule, see July 6, 1987 Register at 19 N.J.R. 1190(a).

Amended by R.1987 d.388, effective October 5, 1987.
See: 19 N.J.R. 1263(a), 19 N.J.R. 1792(a).

Deleted text in (d)1 "which are classified ... Uniform Construction Code" and substituted "used exclusively for ... three dwelling units".

Amended by R.1989 d.556, effective November 6, 1989.
See: 21 N.J.R. 2431(a), 21 N.J.R. 3453(a).

At (b) cross referenced definitions; at (c)7 established date of applicability and deleted 12 and renumbered 13-15 as 12-14 and referenced dates for compliance in (d).

Amended by R.1992 d.104, effective March 2, 1992.
See: 23 N.J.R. 3552(a), 24 N.J.R. 739(a).

Text at (b) and (c) deleted; text at (d) recodified to (b).
Amended by R.1993 d.628, effective December 6, 1993.

See: 25 N.J.R. 4363(a), 25 N.J.R. 5466(a).
Amended by R.1995 d.58, effective March 6, 1995.

See: 26 N.J.R. 4258(a), 27 N.J.R. 878(b).

Amended by R.2007 d.51, effective February 5, 2007.
See: 38 N.J.R. 375(a), 39 N.J.R. 371(a).

Added (b)2.

5:70-4.2 Compliance with the State Fire Prevention Code and other fire safety regulations

(a) The requirements established by this subchapter are in addition to, and not in lieu of, requirements established by the State Fire Prevention Code (N.J.A.C. 5:70-3).

(b) All buildings which are specifically listed as under the scope of this subchapter as denoted in N.J.A.C. 5:70-4.1 and which are subject to requirements previously established including, without limitation, any requirement of the State Fire Prevention Code (N.J.A.C. 5:70-3), shall be in compliance with those requirements as of the effective date of this subchapter and shall remain in compliance throughout the life of the structure.

(c) All buildings which are not specifically listed as under the scope of this subchapter as denoted in N.J.A.C. 5:70-4.1 shall continue to be subject to the provisions of applicable existing fire safety requirements as promulgated by the State or local agency having jurisdiction and shall remain in compliance with those requirements throughout the life of the structure.

(d) Existing fire suppression and detection systems that were installed in accordance with the Uniform Construction Code, the Uniform Fire Code or which met the intent of the

applicable NFPA standards at the time of installation shall be accepted as meeting the requirements of this Code, except as otherwise specifically provided in this Code.

Amended by R.1995 d.58, effective March 6, 1995.
See: 26 N.J.R. 4258(a), 27 N.J.R. 878(b).

5:70-4.3 Relationship to Uniform Construction Code

(a) A building in full compliance with the subcodes adopted pursuant to the Uniform Construction Code Act and regulations in force at the time of its construction and possessing a valid certificate of occupancy shall not be required to conform to the more restrictive requirements established by this subchapter except as may be required by (a)5 below.

1. Exception to (a) above: A building or portion thereof of Use Group A-2 nightclub shall be required to conform to the more restrictive requirements established by this subchapter unless the building is in full compliance with the Building Officials and Code Administrators National Building Code, 1990 edition or a later edition of the building subcode of the Uniform Construction Code, and possesses a valid certificate of occupancy.

2. A variation issued in writing pursuant to the Uniform Construction in connection with the construction of a building shall remain in force and effect provided that all of the conditions of the variation continue to be met and shall not be reversed or modified for purposes of establishing compliance with this subchapter.

3. In accordance with N.J.A.C. 5:23-6.2, certificates of occupancy for projects in compliance with the requirements of the Rehabilitation Subcode of the New Jersey Uniform Construction Code (N.J.A.C. 5:23-6) are specific to the work undertaken and shall not obviate the need for a building to be brought into compliance with this subchapter.

i. In accordance with N.J.A.C. 5:23-6.2(g)3i, a variation issued in writing pursuant to the Uniform Construction Code in connection with a rehabilitation project shall remain in force and effect, provided that all of the conditions of the variation continue to be met, and shall be accepted for purposes of establishing compliance with this subchapter for the portion of the building to which the variation applies.

ii. In accordance with N.J.A.C. 5:23-6.2(i), for variation requests involving provisions of this subchapter which have been incorporated into the Rehabilitation Subcode, the construction official is required to consult with the fire official. If the fire official is also licensed as a fire protection subcode official under the Uniform Construction Code, then the approval of the fire official shall be required on such variation requests.

4. The requirements of N.J.A.C. 5:70-4.19 shall apply to all Use Group R-3 structures other than newly constructed buildings at the time of initial occupancy, regard-

less of their state of compliance with the Uniform Construction Code or any other code.

5. The requirements of N.J.A.C. 5:70-4.7(j) shall apply to all dormitory buildings, as defined in this Code, unless the provisions of (b) below are applicable.

6. The requirements of N.J.A.C. 5:70-4.7(c) shall apply to all nursing homes, as defined in this Code, unless the provisions of (b) below are applicable.

(b) A building in full compliance with the current fire safety requirements of the Uniform Construction Code, as determined by the construction official with the concurrence of the fire subcode official and in consultation with the fire official, shall not be required to conform to more restrictive requirements established by this subchapter.

1. A determination as to whether a Uniform Construction Code requirement involves fire safety shall, in a disputed case, be determined by the Division of Codes and Standards after consultation with the Division of Fire Safety, the construction official and the fire official and, if necessary, with the concurrence of the Assistant Commissioner, Department of Community Affairs, responsible for overseeing the Divisions of Fire Safety and Codes and Standards.

2. For purposes of this subsection, "current fire safety requirements" means requirements set forth in the New Jersey Uniform Construction Code in effect at the time of adoption of the requirement as part of this subchapter.

Amended by R.1987 d.247, effective June 15, 1987.

See: 18 N.J.R. 1225(a), 19 N.J.R. 1078(a).

Added "in consultation with" to (b).

Amended by R.1992 d.11, effective January 6, 1992.

See: 23 N.J.R. 3064(a), 24 N.J.R. 88(a).

Exception for R-3 structures added.

Amended by R.1993 d.628, effective December 6, 1993.

See: 25 N.J.R. 4363(a), 25 N.J.R. 5466(a).

Amended by R.1995 d.58, effective March 6, 1995.

See: 26 N.J.R. 4258(a), 27 N.J.R. 878(b).

Emergency amendment, R.2000 d.402, effective September 8, 2000 (to expire November 7, 2000).

See: 32 N.J.R. 3647(a).

Rewrote (a).

Adopted concurrent proposal, R.2000 d.486, effective November 6, 2000.

See: 32 N.J.R. 3647(a), 32 N.J.R. 4310(a).

Readopted provisions of R.2000 d.402 with changes, effective December 4, 2000.

Amended by R.2007 d.2, effective January 2, 2007.

See: 38 N.J.R. 3377(a), 39 N.J.R. 28(b).

In introductory paragraph of (a), substituted "(a)2 through 4" for "(a)3"; and added (a)4.

Amended by R.2007 d.51, effective February 5, 2007.

See: 38 N.J.R. 375(a), 39 N.J.R. 371(a).

In the introductory paragraph of (a), substituted "5" for "3"; added new (a)1 and (a)2; and recodified former (a)1 through (a)4 as (a)3 through (a)6.

Case Notes

Occupancy load levels for restaurant were governed by code requirements in effect at time certificate of occupancy should have been issued. Sweetwater Casino v. Department of Community Affairs, 95 N.J.A.R.2d (CAF) 56.

5:70-4.4 General provisions

(a) The applicability of provisions of this subchapter to existing buildings or structures, identified or classified by the Federal, State or local government authority as historic buildings, shall be determined by the local construction code enforcing agency in consultation with the fire official, as outlined in Section 513.0 of the Building Officials and Code Administrators, Inc. (BOCA) Basic/National Building Code, 1984 edition.

Case Notes

Fire safety regulations require enclosed vertical stairways and manual fire alarm pull stations. *Fourteen North Walnut Street, East Orange v. Department of Community Affairs, Bureau of Inspection, 97 N.J.A.R.2d (CAF) 52.*

Building owner's proposal of exemption from fire safety requirement of manual pull stations was properly denied. *Sixty North Arlington Avenue v. Bureau of Housing Inspection, 96 N.J.A.R.2d (CAF) 76.*

Failure to install firearms and enclose open stairwells was violative of fire codes warranting issuance of abatement order. *111 Halstead Street v. Department of Community Affairs, 95 N.J.A.R.2d (CAF) 77.*

5:70-4.14 Information signs

(a) A sign shall be provided at each floor landing in all interior stairways more than three stories in height designating the floor level above the floor of discharge.

(b) All elevator lobby call stations on all floor levels shall be marked with approved signs reading, "Use Stairways in Case of Fire—Do not Use Elevators".

5:70-4.15 Smoke barriers

(a) Wherever smoke barriers are required by this subchapter, they shall be constructed in accordance with the following provisions:

1. Smoke barriers shall have a fire resistance rating of not less than one-half hour and shall form an effective membrane continuous from outside wall to outside wall and from floor slab to floor or roof deck above, including continuity through all concealed spaces, such as those found above suspended ceilings, and including interstitial structural and mechanical spaces. Transfer grilles, whether equipped with fusible link-operated dampers or not, shall not be used in these partitions. Wire glass panels not exceeding 1,296 square inches in approved steel frames may be used in smoke barriers.

i. Exception to (a)1 above: Smoke barriers are not required in interstitial spaces when such spaces are designed and constructed with ceilings that provide resistance to the passage of fire and smoke equivalent to that provided by smoke barriers.

2. Doors in smoke barriers shall have a fire-resistance rating of not less than 20 minutes when tested in accordance with ASTM E152 without the hose stream and labeled by an approved agency. Double egress corridor doors shall have vision panels of one-quarter inch thick labeled wired glass mounted in approved steel frames. Such panels may also be provided in other doors in smoke barriers. The glass area of the vision panels shall be limited to 1,296 square inches for each door. The doors shall close the openings with only the clearance necessary for proper operation under self-closing or automatic closing and shall be without undercuts, louvers or grilles. Rabbits or astragals are required at the meeting edges of double egress doors, and stops are required on the head and jambs of all doors in smoke barriers. Positive latch-

ing devices are not required on double egress corridor doors, and center mullions are prohibited.

i. Exception to (a)2 above: Protection at the meeting edges of doors and stops at the head and sides of door frames may be omitted in buildings equipped with an approved engineered smoke control system. The engineered smoke control system shall respond automatically, preventing the transfer of smoke across the barrier.

3. Doors in smoke barriers shall be self-closing or shall be provided with approved door hold-open devices of the fail-safe type which shall release the doors causing them to close upon the actuation of smoke detectors as well as upon the application of a maximum manual pull of 50 pounds against the hold-open device.

4. An approved damper designed to resist the passage of smoke shall be provided at each point a duct penetrates a smoke barrier. The damper shall close upon detection of smoke by an approved smoke detector located within the duct.

i. In lieu of an approved smoke detector located within the duct, ducts which penetrate smoke barriers above doors are permitted to have the approved damper arranged to close upon detection of smoke by the local device designed to detect smoke on either side of the smoke barrier door opening.

ii. Dampers are not required in buildings equipped with an approved engineered smoke control system.

iii. Dampers are not required where the openings in ducts are limited to a single smoke compartment and the ducts are of steel construction.

(b) In buildings of Use Group I-2, every story used for sleeping purposes for more than 30 occupants and stories which are usable but unoccupied shall be divided into not less than two compartments by smoke barrier walls such that each compartment does not exceed 22,500 square feet and no more than 150 feet in length and width.

Amended by R.1987 d.247, effective June 15, 1987.
See: 18 N.J.R. 1225(a), 19 N.J.R. 1078(a).

5:70-4.16 Amusement buildings

(a) All buildings or portions thereof, of Use Group A-3, which are designed to disorient the occupant, reduce vision, present barriers or otherwise impede the flow of traffic, shall conform to all other applicable provisions of this Code and the following:

1. Every such amusement facility shall be equipped throughout with an automatic fire suppression system installed in accordance with the New Jersey Uniform Construction Code.

i. Exception: The use of a nonsprinklered building as a special amusement building shall be allowed provided that the following conditions are met:

(1) The building is not more than 1,000 square feet; or the portion of the building to be used as a special amusement is not greater than 1,000 square feet and the special amusement is separated from the rest of the building by fire resistive construction with a minimum one hour rating;

(2) The exit access travel distance does not exceed 50 feet;

(3) The special amusement is on the ground floor;

(4) A perimeter of 20 feet, suitable for firefighting ground operations, is provided around the building; and

(5) Sufficient fire department personnel and fire-fighting apparatus are standing by on site at all times that the special amusement building is occupied.

2. The interior finish of all walls and ceilings shall in no case be less than a Class I material in accordance with N.J.A.C. 5:70-4.12(b) and (c).

i. No variance shall be granted for interior finishes.

3. Every such amusement facility shall be equipped with exit signs installed in accordance with N.J.A.C. 5:70-4.11(k).

4. Every such amusement facility shall be equipped throughout with an approved automatic fire alarm system installed in accordance with the Uniform Construction Code and in accordance with (a)5 through (a)8 below.

5. The automatic alarm system shall activate a prerecorded message which can be clearly heard throughout the entire facility instructing the patrons to proceed to the nearest exit. Any alarm signals used in conjunction with the prerecorded message shall produce a signal which is distinctive from all sounds used in the normal operation of the amusement facility.

6. Every such amusement facility shall be equipped with emergency lighting equipment installed in accordance with the New Jersey Uniform Construction Code. The emergency lighting equipment shall automatically activate when:

- i. The fire suppression system is activated;
- ii. The fire alarm system is activated; or
- iii. Loss of the primary power supply occurs.

7. All audio and visual equipment such as horns, bells, flashing or otherwise distracting stimuli and mechanized displays shall cease operation upon initiation of an alarm by the automatic fire alarm system or upon activation of the automatic fire suppression system.

8. Activation of the automatic alarm system shall automatically shut down the air distribution system.

In (a)1, added i; in (a)2, substituted "Class I" for "Class II" in the introductory paragraph and added i.

5:70-4.17 High rise buildings

(a) In addition to all other applicable provisions of this code, high rise buildings shall conform to the provisions of this section.

(b) All high rise buildings of Use Groups M and R-1 shall be equipped throughout with an approved automatic fire suppression system installed in accordance with the New Jersey Uniform Construction Code.

(c) All high rise buildings of Use Groups B and R-1 shall be equipped with central control station and communication systems as follows:

1. An approved public address communication system consisting of loudspeakers on each floor of the building, in each elevator and elevator lobby and in each stair enclosure which shall be capable of being operated from the central control station;

2. A two-way fire department communication system which shall operate between the central control and every elevator, elevator lobby and entry to enclosed exit stairways;

3. A central control station for fire department operations shall be provided in a location approved by the fire department. It shall contain where applicable the public address system panel; the fire department communications panel; fire detection and alarm system annunciator panels; status indicators and controls for air handling systems; sprinkler valve and water flow detector display panels; and status indicators and a telephone for fire department use with controlled access to the public telephone system.

(d) In all high rise structures, each re-circulating air or exhaust system which serves more than one floor shall be equipped with approved smoke and heat detection devices in accordance with the Uniform Construction Code. The devices shall stop the fan(s) automatically and shall be of the manual reset type. Automatic fan shutdown is not required when the system is part of an approved smoke removal or smoke control system.

(e) Elevators in high rise structures shall be equipped with the following emergency control devices:

1. All automatic (non-designated attendant) elevators having a travel of 25 feet or more above or below the designated level shall be equipped with Phase 1 Emergency Recall Operation as required by ASME A17.1 Rules 211.3a and 211.3b listed in Appendix 3-A to N.J.A.C. 5:70-3;

2. Access to all floors shall be provided by at least one elevator equipped with Phase II Emergency In-Car Operation, as required by ASME A17.1, Rule 211.3c listed in Appendix 3-A to N.J.A.C. 5:70-3; and

3. All designated attendant elevators having a travel of 25 feet or more above or below the designated level shall be equipped with emergency controls, as required by ASME A17.1 Rule 211.4 listed in Appendix 3-A to N.J.A.C. 5:70-3.

(f) In all high rise buildings of Use Groups R-1 and R-2, smoke barriers conforming to N.J.A.C. 5:70-4.15(a) shall be provided around all elevator landings on every floor above the main floor level, with the following exceptions:

1. Such lobbies are not required in buildings provided with a complete automatic fire suppression system.

2. The smoke barrier shall be permitted to terminate at the ceiling, provided the ceiling membrane provides resistance to the passage of smoke equivalent to that provided by smoke barriers.

New Rule R.1987 d.247, effective June 15, 1987.

See: 18 N.J.R. 1225(a), 19 N.J.R. 1078(a).

Amended by R.1992 d.104, effective March 2, 1992.

See: 23 N.J.R. 3552(a), 24 N.J.R. 739(a).

Text at (e) deleted and replaced with text referencing ASME standards.

Amended by R.1993 d.197, effective May 3, 1993.

See: 25 N.J.R. 393(a), 25 N.J.R. 1868(a).

Added requirements for recall operation for automatic elevators at (e)1.

5:70-4.18 Boiler/furnace equipment rooms

(a) Boiler/furnace equipment rooms shall be enclosed by one hour fire rated construction in the following facilities: day nurseries, children's shelter facilities, residential child care facilities and similar facilities with children below the age of 2½ years, and which are classified as Use Group I-2 in accordance with the Uniform Construction Code, shelter facilities, residences for the developmentally disabled, group homes, teaching family homes, transitional living homes, rooming and boarding houses, hotels and multiple dwellings.

1. Exception to (a) above: Furnace and boiler equipment of low pressure type (operating at pressures of 15 psig or less for steam equipment or 160 psig or less for hot water equipment) when installed in accordance with manufacturer recommendations or furnace and boiler equipment of residential (R-3) type (200,000 BTU per hour input rating or less) is not required to be enclosed.

(b) Emergency controls shall be provided in all structures classified as day nurseries, children's shelter facilities, residential child care facilities and similar facilities with children below the age of 2½ years, and which are classified as Use Group I-2 in accordance with the Uniform Construction Code and in group homes, teaching family homes, and supervised residential living homes in accordance with the following:

1. Emergency shutoff switches for furnaces and boilers in basements must be at the top of the stairs leading to the basement;

2. Emergency shutoff switches for furnaces and boilers in other enclosed rooms must be located outside of the room.

Administrative correction to (a) and (b).

See: 21 N.J.R. 3085(a).

5:70-4.19 Smoke detectors for one- and two-family dwellings; carbon monoxide detectors

(a) In Use Group R-3 and R-4 dwellings subject to the requirements of N.J.A.C. 5:70-2.3, smoke detectors shall be installed as follows:

1. On each level of the premises; and

2. Outside of each separate sleeping area.

(b) The smoke detectors required in (a) above shall be located in accordance with NFPA 74-1984, incorporated herein by reference, and maintained in working order.

1. The detectors shall not be required to be interconnected.

(c) Smoke detectors may be battery powered and shall be listed in accordance with ANSI/UL 217, incorporated herein by reference.

1. A/C-powered smoke detectors shall be accepted as meeting the requirements of this section.

(d) Carbon monoxide alarms shall be installed in all dwelling units in buildings in Use Groups I-1, R-1, R-2, R-3 and R-4, except for units in buildings that do not contain a fuel-burning device or have an attached garage, as follows:

1. Single station carbon monoxide alarms shall be installed and maintained in the immediate vicinity of the sleeping area(s).

2. Carbon monoxide alarms may be battery-operated, hard-wired or of the plug-in type and shall be listed and labeled in accordance with UL-2034 and shall be installed in accordance with the requirements of this section and NFPA-720.

3. As an alternative to the requirements of (d)1 above, and with the approval of the Bureau of Housing Inspection, carbon monoxide detectors may be installed in any building required to be registered as a hotel or multiple dwelling in the locations specified in the Uniform Construction Code (N.J.A.C. 5:23-3.20).

4. As an alternative to the requirements of (d)1 above, and with the approval of the Bureau of Rooming and Boarding House Standards, carbon monoxide alarms may be installed in any rooming or boarding house in the

locations specified in the Uniform Construction Code
(N.J.A.C. 5:23-3.20).

New Rule, R.1992 d.11, effective January 6, 1992.
See: 23 N.J.R. 3064(a), 24 N.J.R. 88(a).
Amended by R.1993 d.197, effective May 3, 1993.
See: 25 N.J.R. 393(a), 25 N.J.R. 1868(a).
Added reference to Appendix 3A.
Administrative change.

27 N.J.R. 2387(a).
Administrative change.
See: 27 N.J.R. 2886(b).
Administrative change.
See: 31 N.J.R. 35(b).
Amended by R.2003 d.137, effective April 7, 2003.
See: 34 N.J.R. 4277(a), 35 N.J.R. 1558(c).
In (a), inserted "and R-4" preceding "dwellings" in the introductory
paragraph; added (d).