

# RULE ADOPTIONS

## COMMUNITY AFFAIRS

(a)

### DIVISION OF FIRE SAFETY

#### Uniform Fire Code

#### State Fire Prevention Code

#### Readoption with Amendments: N.J.A.C. 5:70

#### Adopted Repeal and New Rule: N.J.A.C. 5:70-3.2

#### Adopted New Rule: N.J.A.C. 5:70-2.26

Proposed: September 18, 2017, at 49 N.J.R. 3007(a) (see also 49 N.J.R. 3277(a))

Adopted: January 9, 2018, by Charles A. Richman, Commissioner, Department of Community Affairs.

Filed: January 9, 2018, as R.2018 d.074, **with non-substantial changes** not requiring additional public notice and comment (see N.J.A.C. 1:30-6.3).

Authority: N.J.S.A. 52:17B-139.12 and 52:27D-25d, 25k, 25gg, 25hh, 198, and 219.

Effective Dates: January 9, 2018, Readoption.  
February 5, 2018, Amendments, Repeal, and New Rules.

Operative Date: July 1, 2018, as to N.J.A.C. 5:70-3 Amendments, Repeal, and New Rule.

Expiration Date: January 9, 2025.

#### Summary of Public Comments and Agency Responses:

Comments were received from: Thomas O. Anderson, Fire Official for the Township of Bedminster; John Bassi, 1st Lieutenant for the Elizabeth Avenue Volunteer Fire Company; Kevin C. Batzel, Bureau Chief for the Brick Township Fire Department; Joseph E. Beliveau, Fire Official for Spring Lake Heights; Arthur V. Boden, Council Member for Keansburg; Holly Borgmann, Head of Government Affairs for ADT Security Services; Ryan Buckley, Fire Inspector for Princeton Office of Emergency and Safety Services; Ernest F. Busch, Fire Official for the Borough of Haddonfield; Chris Butler, Chief, Little Rocky Hill Volunteer Fire Company; Gregory B. Cade, Regional Director, Mid-Atlantic Region, National Fire Protection Association; Rick Ciarlariello; Glenn Corbett; Edwin Donnelly, New Jersey State Firefighters Mutual Benevolent Association President; Ryan Dullea, Fire Official for the Borough of Belmar; Daniel M. Dunn, Fire Official for the Borough of Wildwood Crest; Richard Dziminski; Alfred D. Fecci, President of the New Jersey Association of Fire Equipment Distributors; Robert Ferrara, Fire Sub-Code Official for the Township of Lyndhurst; Andrew J. Fosina, Jr., Fire Official for the Hopewell Valley Bureau of Fire Safety; Daniel Fredericks, Chief, Elizabeth Avenue Volunteer Fire Company; Christian Fulmino; John Gardner, Deputy Chief, Somerset Fire Rescue; William Gee; Anthony Green, Director, Public Policy, Safe Kids Worldwide; Fran Gregor, Secretary, Elizabeth Avenue Volunteer Fire Company; Craig S. Gumpel; Michael Hannigan; John Hauss, Director of the Franklin Township Fire Prevention Department; Martin O. Hawley, Fire Marshal for the Borough of Atlantic Highlands; Tom Horner, Fire Official for the Hazlet Township Bureau of Fire Prevention; George Hussey, Long Branch Fire Marshals Office; Nicholas J. Kikis, Vice President, Legislative and Regulatory Affairs, New Jersey Apartment Association; Marshall A. Klein, President, Marshall A. Klein and Associates, on behalf of the New Jersey Apartment Association; Daniel Lawson, Lieutenant, North Plainfield Fire Department; Mike Lemonie; Mitch Malec; Karl W. McAleer, Chief Fire Marshal for the Township of Bridgewater Bureau of Fire Safety; Kenneth McCormick, Fire Marshal for Flemington Borough; Mike Murphy, Chief, Hillsborough Fire Company # 3; Joseph V. Olivo, Fire Marshal for the Township of Branchburg; David Olsen; Richard Pearce, Lieutenant, Quakertown Fire Company; James Querry; Donald Scher; Al Shjarback, Fire Marshal for

the Township of Warren; Bryan J. Soukup, Esq., Manager, State Government Relations, International Code Council; Dennis N. Symons, Jr.; Alan Umgelter, Fire Inspector for Flemington Borough; Craig Voelkert, Fire Equipment Manufacturers' Association; Gary Weiss, Secretary, Monmouth County Fire Prevention and Protection Association; Christopher Weniger, Chief Fire Marshal for Hillsborough Township; Wayne Winsmann, Fire Prevention Inspector for the Township of Branchburg; John Yanko; and Robert H. Zander, Fire Marshal for the Colts Neck Fire Prevention Bureau.

1. COMMENT: Mr. Lemonie, Mr. Gardner, Mr. Fulmino, Mr. Bassi, Mr. Fredericks, Mr. Yanko, Mr. Lawson, Mr. Querry, Mr. Murphy, Mr. Hauss, Mr. Weniger, Ms. Gregor, Mr. Winsmann, Mr. Scher, Mr. Pearce, Mr. Dziminski, Mr. Shjarback, Mr. Beliveau, Mr. Olsen, Mr. Weiss, Mr. Zander, Mr. Hannigan, Mr. Buckley, Mr. McAleer, Mr. Anderson, Mr. McCormick, Mr. Umgelter, Mr. Hawley, Mr. Horner, Mr. Boden, Mr. Butler, Mr. Dullea all write in support of the rulemaking.

RESPONSE: The Department appreciates the commenters' affirmative comments.

2. COMMENT: Mr. Bryan J. Soukup, Esq., expresses support for the adoption of this rulemaking. He commented that there have been three updated International Fire Code editions since the adoption by New Jersey of the 2006 International Fire Code (IFC). He noted that improvements in technology and methodology are reflected in each update. The later editions of the IFC not only add new provisions, but also replace outdated provisions with safer, more cost-effective and efficient ways of protecting lives and properties. Mr. Soukup also recommends that the State maintain a three-year adoption cycle to stay current with the latest science and technology.

RESPONSE: The Department appreciates the commenter's affirmative comments. The Department endeavors to always include the most current edition of the IFC; however, as the IFC is not incorporated in to the New Jersey Administrative Code verbatim, the Department, the Fire Codes Advisory Council, and the Fire Safety Commission all need to review each update and determine how it needs to be adjusted to fit New Jersey. Due to administrative timeframes, that process can overlap from one edition of the IFC to another and the Department cannot blindly commit to always incorporating the most recent IFC.

3. COMMENT: Mr. Olivo is in support of the proposal and is aware that this proposal mandates that battery operated alarms must be replaced with 10-year battery sealed unit smoke alarms. The commenter also commented on adding a provision to allow wireless-inter-connectable smoke alarms.

RESPONSE: The Department appreciates the commenter's affirmative comments. The Division of Fire Safety does not regulate the installation of wireless-inter-connectable smoke alarms, this is governed by the Uniform Construction Code, however, the Division of Fire Safety does not prohibit such installation.

4. COMMENT: Ms. Borgmann asks about 10-year sealed battery units being required for smoke detectors connected to a monitored fire alarm system.

RESPONSE: This rulemaking pertains to 10-year sealed battery single station smoke alarms. The scope of this rulemaking does not include smoke detectors connected to a monitored fire alarm system as it pertains to the 10-year sealed battery smoke alarms.

5. COMMENT: Mr. Fosina, Mr. Symons, N.F.P.A. Mid-Atlantic Regional Director Cade, Fire Official Dunn, and Mr. Green are in support of the proposed 2015 International Fire Code, New Jersey Addition, and the proposed 10-year sealed battery smoke alarms.

RESPONSE: The Department appreciates the commenter's affirmative comments.

6. COMMENT: Mr. Batzel, Mr. Busch, and F.M.B.A. President Edwin Donnelly are in support of the proposed 2015 International Fire Code, New Jersey Addition.

RESPONSE: The Department appreciates the commenter's affirmative comments.

7. COMMENT: Mr. Ferrara's states "I have an issue with the 10 year battery, this would prevent a person from installing a wireless interconnected smoke detection system. There should be an exception for this type of system." This provision references 10-year sealed battery units being required for smoke detectors connected to a wireless fire alarm system.

RESPONSE: The Department appreciates the comment. This rulemaking pertains to 10-year sealed battery single station smoke alarms. The scope of this rulemaking does not include smoke detectors connected to a monitored fire detection system or multi-station fire detectors as it pertains to the 10-year sealed battery smoke alarms. There is no prohibition on installing smoke detectors connected to a wireless fire alarm system, provided permits and approvals were issued from the Uniform Construction Code.

8. COMMENT: Mr. Corbett is in support of the proposed 2015 International Fire Code, New Jersey Addition, and the proposed 10-year sealed battery smoke alarms. He believes the removal of various "construction related" provisions of the IFC is detrimental to the utilization of the code by inspectors in the field.

RESPONSE: The Department appreciates the commenter's affirmative comments. The "construction related" provisions are not within the scope of the 2015 IFC, as they are for new construction and not the maintenance provisions of the 2015 IFC adopted by the Department.

9. COMMENT: Mr. Voelkert of the Fire Equipment Manufacturer's Association expresses concerns in reference to the amendments to Section 906.1, which provide an exception from requiring certain use groups that have quick response sprinklers from the portable fire extinguisher requirements.

RESPONSE: The Department appreciates Mr. Voelkert's comments, but it is imperative to maintain continuity between the Uniform Construction Code and the Uniform Fire Code.

10. COMMENT: Mr. Malec made comments regarding the Department's proposed readoption with amendments (N.J.A.C. 5:70-4.9 and 4.19), notice of administrative corrections, Uniform Fire Code, PRN 2017-206, New Jersey Register October 2, 2017 issue and the Department's proposed readoption with amendments (N.J.A.C. 5:70) New Jersey Register September 18, 2017 issue. The commenter asked why a 10-year replaceable battery is not acceptable.

RESPONSE: The Department appreciates Mr. Malec's comments. The Department has proposed this amendment as a result of the extraordinarily high number of occurrences of batteries being removed from smoke alarms and used for other purposes. The Department feels that a 10-year sealed battery would prevent the removal of batteries from any battery-operated single-station smoke alarms.

11. COMMENT: Mr. Gee opposed the deletion of the following: the calculations of occupant loads being removed from Chapter 10 for buildings constructed under the Uniform Construction Code and handrail requirements from N.J.A.C. 5:70-3. He also requests the addition of the Fire Official, Construction Official, and Fire Sub Code Official to the authority to modify the fire command center location and accessibility at Section 508.1.1, Location and access of fire command centers. The commenter requests a definition of owner occupied. The commenter is concerned about how an inspector would inspect the 10-year battery smoke alarms on high ceilings. Finally, he requests the addition of definitions of the UCC and IFC Use Groups.

RESPONSE: The Department thanks Mr. Gee for his comments. Calculating occupancy loads and installation requirements of handrails in Uniform Construction Code approved buildings are not within the scope of Subchapter 3 of the Uniform Fire Code, as they are not maintenance concerns, which is the primary topic of N.J.A.C. 5:70-3. The Department's position is that Mr. Gee's suggested change to command authority is not needed as it is already implied since permits would be under review by the Uniform Construction Code. The Department agrees to adding a definition of owner occupied as part of a future rulemaking. It is the responsibility of the inspector to verify that the owner has properly tested and maintained the smoke alarms, and documentation shall be provided to the inspector upon request. The Department does not believe definitions of UCC and IFC Use Groups are necessary at this point in time, however, if such terms cause

confusion, the Department will investigate defining them in a future rulemaking.

12. COMMENT: Mr. Klein and Mr. Kikis commented that under the IFC Code Cycle in 2016, Sections 604.4.6 and Section 604.6.1 were revised to clarify a problem with the requirement under Section 604.6.1 that appeared to suggest that the 30 second test must be initiated by disconnecting normal power. This has become an issue in some jurisdictions where code officials are requiring that the building power be turned off to conduct the test. Conducting the test in this manner isn't required by NFPA 101. The commenters further stated that the wording of sections 907.11.1 and 907.11.2 regarding these proposed New Jersey code requirements are likely intended to apply to smoke "alarms," not smoke "detectors." Finally, Section 907.11.1 would require weekly testing of battery-operated single-station smoke "detectors" and monthly testing of all other "detectors." Changing the battery becomes unnecessary. These single station alarms are designed to function for 10 years on a single battery and are then replaced. There should be an exemption for dwelling units with 10-year sealed battery-powered single station alarms.

RESPONSE: The Department thanks Mr. Klein and Mr. Kikis for their comments. The concern with fire inspectors requiring the building power to be shut off to test the lighting is a training issue and will be addressed by the Department. In reference to Sections 604 Emergency and Standby Power Systems, the 2016 IFC Code Cycle Proposal F77-16 is not within the scope of this rulemaking. The smoke alarm/smoke detector language is carried over from the 2006 International Fire Code, New Jersey edition and has not caused any issues that the Division is aware of. The language to require weekly and monthly testing is carried over from the 2006 International Fire Code, New Jersey edition, and has not caused any issues that the Division is aware of. The requirement is to replace batteries in existing single-station battery-operated smoke alarms with 10-year sealed single-station alarms. The effective date to replace existing units will be January 1, 2019, to allow for full seamless compliance. In the interim, existing smoke alarms still need to be maintained and tested accordingly. The requirements to provide the 10-year sealed single-station alarms was passed by the Fire Codes Advisory Council, which consists of members representing various agencies and associations. It is the Department's determination that the requirements for the 10-year sealed-battery are necessary to ensure that units are not compromised. The requirements are for existing units to comply and will not affect those units that were installed with permits issued under the Uniform Construction Code.

13. COMMENT: Mr. Klein and Mr. Kikis stated that the code specifying whether it is "... the owner of the building or the owner's representative ..." responsibility to maintain the systems. This is a matter for negotiation between landlord and tenant. Further, requiring 10-year sealed battery-powered single-station smoke alarms for the hearing impaired should not be mandated, when such technology does not exist. The commenters also express concern that other technology, such as "smart" alarms and wireless systems are precluded in this rulemaking.

RESPONSE: The Department respectfully disagrees that it would be a significant burden to building owners. The alarms for the hearing impaired are not affected by the proposed amendments. Wireless smoke alarms are not within the scope of this proposal.

14. COMMENT: Mr. Klein and Mr. Kikis commented that the means of egress doors under N.J.A.C. 5:70-4.11 be "self-closing or automatic closing" (Item 2) or "approved door closers" (Item 3), and under N.J.A.C. 5:70-4.13, for interior stairways and other openings, that the "approved assemblies" and "opening protectives" have a required hourly rating. The new added text to these sections require these doors and assemblies to be equipped with "... self-latching doors ..." N.J.A.C. 5:70-4.15(a)2 also adds the "self-latching" requirement to the smoke barriers requirements. This could have unintended impacts to a variety of sectors since smoke barrier doors in Health Care Occupancies under the 2015 NFPA 101, "Life Safety Code," Sections 18.3.7.7(2) and 19.3.7.8(2) are not required to be "self-latching."

RESPONSE: The Department requires doors to be self-latching due to pressure gradient changes that can occur between the area of refuge and the location opposite of the area of refuge.

15. COMMENT: Mr. Klein and Mr. Kikis ask if it is the intent of the changes, to continue to permit, in an existing R-2 dwelling unit, the installation of a 10-year sealed-battery smoke alarm without AC primary power, or to now require the smoke alarm to have both AC primary power with a 10-year sealed-battery backup? Once it is determined that an existing building falls under this requirement, if someone is replacing existing smoke detectors with AC primary power that complied with N.J.A.C. 5:70-4.9(a)3i, can such smoke alarms be replaced with AC primary powered smoke alarms with back-up powered 10-year sealed batteries, or are they required to be only 10-year sealed-battery smoke alarms? The Department should justify the revisions by showing a history of life safety deaths, injuries, and/or fire loss in existing apartment buildings that have been in compliance with the existing Fire Safety Code.

RESPONSE: It is the intent of the amendments to require 10-year sealed battery-powered smoke alarms where single station alarms are currently required. When a building falls under the single-station smoke alarm requirement, the 10-year sealed-battery single-station smoke alarm will be required. If an owner decides to change the device to an AC, or low voltage smoke detection system, that would not be within the scope of this proposal. This installation would have to be approved by the Uniform Construction Code. Various fire stats are available in the "Fire in New Jersey" publication on the Division of Fire Safety's website.

16. COMMENT: Mr. Fecci comments that it is often impossible for a company performing inspections to determine when a fire protection system was installed and what edition of the referenced standard was in effect at the time of installation. By not inspecting to the latest adopted code, fire protection companies could be placing themselves at a potential legal risk. Mr. Fecci expresses concern about the standard form requirement for inspection of non-water based kitchen fire suppression systems. Mr. Fecci is concerned that the rulemaking would reinstate an exemption that waives requirements for portable fire extinguishers from Groups A, B, and E occupancies that are equipped throughout with quick response sprinklers.

RESPONSE: The Department thanks Mr. Fecci for his comments. The requirements are carried over from the 2006 edition without modifications and has not caused any issues that the Division is aware of. In the International Fire Code, 2015 edition, the requirements for companies and employees to be certified is in Section 906.2. Where fire suppression systems are installed in Groups A, B and E occupancies, this provides a greater layer of fire protection. Fire extinguishers will still be required in specified locations in these occupancies. The quick response sprinklers provide 24-hour protection of the use groups, including those hours when the buildings are unoccupied. The Code Advisory Council has approved the requirement for a standardized form to be used Statewide. The Council is comprised of representatives from different disciplines who reviewed and approved the new format.

#### Summary of Agency-Initiated Changes:

The Department has identified changes that are needed to the rulemaking.

1. At proposed new N.J.A.C. 5:70-3.2(a)61ix, and amended N.J.A.C. 5:70-4.9(a)2i and v and 4.19(c), the changes add an effective date of January 1, 2019, which makes it clear that these provisions are not intended to be effective or enforced until January 1, 2019, to allow for full seamless compliance. In the interim, existing smoke alarms still need to be maintained and tested accordingly.

2. At N.J.A.C. 5:70-3.2(a)61xix, Section 6109.15.1, Automated cylinder exchange stations, the Department originally intended to include the language found in the International Fire Code, 2015 Edition, but due to an inadvertent deletion during internal reviews, this benefit was removed. The Department is adding this Section back into the New Jersey edition of the code which will allow for automated propane tank cylinder exchanges, which is a benefit to everyone.

#### Federal Standards Statement

No Federal standards analysis is required because the readopted rules with amendments, repeals, and new rules are not being adopted under the authority of, or in order to implement, comply with, or participate in any program established under Federal law or under a State statute that incorporates or refers to Federal laws, standards, or requirements.

Full text of the readopted rules can be found in the New Jersey Administrative Code at N.J.A.C. 5:70.

Full text of the adopted amendments and new rules follows (additions to proposal indicated in boldface with asterisks \*thus\*; deletions from proposal indicated in italicized cursive braces with asterisks \*{thus}\*):

#### SUBCHAPTER 1. GENERAL PROVISIONS

##### 5:70-1.5 Definitions

The following terms shall have the meaning indicated, except where the context clearly requires otherwise. All definitions found in the Uniform Fire Safety Act, P.L. 1983, c. 383, N.J.S.A. 52:27D-192 et seq., shall be applicable to this chapter. Where a term is not defined in this section or in the Uniform Fire Safety Act, then the definition of that term in the Uniform Construction Code at N.J.A.C. 5:23-1.4 shall govern.

... "Carnival" means a traveling circus or other traveling amusement show having one or more of the following:

1. (No change.)

2. Tents or temporary membrane structures requiring a permit in accordance with N.J.A.C. 5:23-2.14.

... "Owner-occupied" when used in conjunction with one- and two-family or attached single family means a building serving as the residence of at least one holder of record of title to the property.

... "State Fire Prevention Code" means the model code of the International Code Council, known as the International Fire Code/2015, adopted by reference in N.J.A.C. 5:70-3.1(a) as the State Fire Prevention Code for New Jersey, subject to the modifications set forth in N.J.A.C. 5:70-3.2.

... "Unoccupied," as applied to a building, premises, or structure, means not occupied, not currently put to use, or in which no one is living. A building may be deemed to be unoccupied even if all of the furniture and fixtures have not been removed.

"Vacant," as applied to a building, premises, or structure, means an unoccupied building, premises, or structure from which enough of the furniture and fixtures have been removed, so as to render the building, premises, or structure unusable for its otherwise intended purpose.

#### SUBCHAPTER 2. ADMINISTRATION AND ENFORCEMENT

##### 5:70-2.1 Enforcement authority

(a) (No change.)

(b) The local enforcing agency shall periodically inspect all premises, except owner-occupied one- and two-family or attached single family structures used exclusively for dwelling purposes. These inspections shall be made in accordance with the schedule contained in this Code, when required under any cyclical inspection program, and as often as may be necessary for the purpose of ascertaining and causing to be corrected any conditions liable to cause fire, contribute to the spread of fire, interfere with fire operations, or endanger life, or any conditions constituting violations of the provisions or intent of this Code or a locally adopted amendment. Except in the case of cyclical inspection programs or other good cause, inspections shall not include occupied dwelling units.

(c)-(d) (No change.)

##### 5:70-2.3 Certificate of smoke alarm, carbon monoxide alarm, and portable fire extinguisher compliance

(a) Before any one- and two-family or attached single family structure is sold, leased, or otherwise made subject to a change of occupancy for residential purposes, the owner shall obtain a certificate of smoke alarm, carbon monoxide alarm, and portable fire extinguisher compliance CSACMAPFEC, evidencing compliance with N.J.A.C. 5:70-4.19, from the appropriate enforcing agency.

1. Where a municipality has existing inspection or approval requirements under a property maintenance or other municipal code, a CSACMAPFEC shall not be required; provided, however, that the

agency responsible for the enforcement of that code shall not issue any certificate of inspection or occupancy or other approval under such municipal code until it has determined that the dwelling complies with the requirements of N.J.A.C. 5:70-4.19.

2. Where no municipal inspection or approval requirement exists, the agency responsible for enforcement of the Uniform Fire Safety Act shall be responsible for issuance of the CSACMAPFEC.

i. The Department, where it serves as the enforcing agency, may, upon application by a local fire department, delegate to that fire department the responsibility and authority for issuance of the CSACMAPFEC within the municipality, or portion of a municipality, served by that fire department.

3. The owner, or authorized agent of the owner, shall apply for a CSACMAPFEC on a form provided by the enforcing agency. The application shall be accompanied by the appropriate fee, as set forth in N.J.A.C. 5:70-2.9(d).

4. A CSACMAPFEC shall not be transferable. If the change of occupancy specified in the application for a CSACMAPFEC does not occur within six months, a new application shall be required.

i. The enforcing agency may issue a CSACMAPFEC for a seasonal rental unit for a period of up to 12 months, regardless of the number or frequency of changes in tenancy.

5. No CSACMAPFEC shall be issued until inspection of the structure indicates compliance with N.J.A.C. 5:70-4.19, except as provided in (b) below.

(b) The enforcing agency, unless it is otherwise required to inspect the structure under a property maintenance or other municipal code, may accept, in lieu of inspection, a certification that one or more smoke alarms and carbon monoxide alarms, as applicable, have been installed and tested in accordance with N.J.A.C. 5:70-4.19. Such certification shall be upon forms provided by the enforcing agency.

(c) No CSACMAPFEC or municipal certificate of occupancy shall be issued for any one- and two-family or attached single family structure, or unit therein, as the case may be, unless the structure or unit contains a carbon monoxide alarm meeting the requirements of UL Standard 2034; provided, however, that no carbon monoxide alarm shall be required in any building that does not contain any fuel-burning appliances and does not have an attached garage. An "open parking structure," as defined in the building subcode of the State Uniform Construction Code, shall not be deemed to be an attached garage.

5:70-2.4B Ba through Bq life hazard uses

(a) (No change.)

(b) Type Bb life hazard uses are as follows:

1.-2. (No change.)

3. Welding or cutting operations on a regular basis not using flammable gases in buildings or structures of 10,000 or more but less than 50,000 square feet;

4. Transfer from one container to another of liquefied petroleum gas or liquefied natural gas at any location, other than motor vehicle or marine motor craft service stations, not registered for storage and use; and

5. Spraying or dip operations, as regulated by N.J.A.C. 5:70-3, the State Fire Prevention Code, Chapter 24, in all approved areas of less than 100 square feet, as defined in N.J.A.C. 5:70-3, the State Fire Prevention Code, Section 2402.1.

(c) (No change.)

(d) Type Bd life hazard uses are as follows:

1.-6. (No change.)

7. Spraying or dip operations, as regulated by N.J.A.C. 5:70-3, the State Fire Prevention Code, Chapter 24, in all approved areas of 100 or more but less than 250 square feet, as defined in N.J.A.C. 5:70-3, the State Fire Prevention Code, Section 2402.1; and

8. (No change.)

(e) (No change.)

(f) Type Bf life hazard uses are as follows:

1.-18. (No change.)

19. Storage of fireworks, explosives, or blasting agents in a type UG magazine.

i. Type 2 and 3 magazines are portable and intended only for the temporary storage of explosives and blasting agents, and as such, must be covered by a permit;

20. Above ground aggregate storage of more than 50,000 but less than 1,000,000 gallons of Class II or IIIA combustible liquids;

21. Factories and other industrial uses of Use Group F-1, not otherwise classified, of 12,000 or more but less than 24,000 square feet in gross floor area;

22. Warehouses, storehouses, self-service storage facilities with interior access to storage units, and freight depots, used for the storage and handling of ordinary combustible materials, not otherwise classified, of 12,000 or more, but less than 24,000 square feet in gross floor area; and

23.-24. (No change.)

(g) Type Bg life hazard uses are as follows:

1.-2. (No change.)

3. Ambulatory health care facilities and other similar facilities including, but not limited to, outpatient surgery facilities and practices, renal dialysis facilities, abortion clinics, and birthing centers, in buildings of less than 10,000 square feet;

4.-9. (No change.)

10. Spraying or dip operations, as regulated by N.J.A.C. 5:70-3, the State Fire Prevention Code, Chapter 24, in all approved areas of 250 or more but less than 500 square feet, as defined in N.J.A.C. 5:70-3, the State Fire Prevention Code, Section 2402.1;

11.-30. (No change.)

31. Warehouses, storehouses, self-service storage facilities with interior access to storage units, and freight depots, used for the storage and handling of ordinary combustible materials, not otherwise classified, of 24,000 or more, but less than 50,000 square feet in gross floor area.

(h) (No change.)

(i) Type Bi life hazard uses are as follows:

1.-2. (No change.)

3. Warehouses, storehouses, self-service storage facilities with interior access to storage units, and freight depots, used for the storage and handling of ordinary combustible materials, not otherwise classified, of 50,000 or more, but less than 100,000 square feet in gross floor area.

4. (No change.)

(j) Type Bj life hazard uses are as follows:

1. (No change.)

2. Ambulatory health care facilities and other similar facilities including, but not limited to, outpatient surgery facilities and practices, renal dialysis facilities, abortion clinics, and birthing centers, in buildings of 10,000 square feet or more;

3.-5. (No change.)

6. Spraying or dip operations, as regulated by N.J.A.C. 5:70-3, the State Fire Prevention Code, Chapter 24, in all approved areas of 1,000 square feet or more, as defined in N.J.A.C. 5:70-3, the State Fire Prevention Code, Section 2402.1;

7.-21. (No change.)

(k) Type Bk life hazard uses are as follows:

1.-5. (No change.)

6. Warehouses, storehouses, self-service storage facilities with interior access to storage units, and freight depots, used for the storage and handling of ordinary combustible materials, not otherwise classified, of 100,000 or more, but less than 150,000 square feet in gross floor area.

7. (No change.)

(l) Type Bl life hazard uses are as follows:

1.-3. (No change.)

4. Warehouses, storehouses, self-service storage facilities with interior access to storage units, and freight depots, used for the storage and handling of ordinary combustible materials of 150,000 or more, but less than 200,000 square feet in gross floor area; and

5.-6. (No change.)

(m) Type Bm life hazard uses are as follows:

1.-4. (No change.)

5. Warehouses, storehouses, self-service storage facilities with interior access to storage units, and freight depots, used for the storage and handling of ordinary combustible materials of 200,000 or more, but less than 350,000 square feet in gross floor area; and

6. (No change.)

(n) Type Bn life hazard uses are as follows:

1.-4. (No change.)

5. Warehouses, storehouses, self-service storage facilities with interior access to storage units, and freight depots, used for the storage and handling of ordinary combustible materials of 350,000 or more, but less than 500,000 square feet in gross floor area; and

6. (No change.)

(o) Type Bo life hazard uses are as follows:

1.-4. (No change.)

5. Warehouses, storehouses, self-service storage facilities with interior access to storage units, and freight depots, used for the storage and handling of ordinary combustible materials of 500,000 or more, but less than 750,000 square feet in gross floor area; and

6. (No change.)

(p) Type Bp life hazard uses are as follows:

1. Spraying or dip operations, as regulated by N.J.A.C. 5:70-3, the State Fire Prevention Code, Chapter 24, in all approved areas of 500 square feet or more, but less than 1,000 square feet, as defined in N.J.A.C. 5:70-3, the State Fire Prevention Code, Section 2402.1.

2. (No change.)

(q) Type Bq life hazard uses are as follows:

1. (No change.)

2. Warehouses, storehouses, self-service storage facilities with interior access to storage units, and freight depots, used for the storage and handling of ordinary combustible materials of 750,000 square feet or more in gross floor area.

#### 5:70-2.7 Permits required

(a) Permits shall be required and obtained from the local enforcement agency for the activities specified in this section, except where they are an integral part of a process or activity by reason of which the use is required to be registered and regulated as a life hazard use. Permits shall at all times be kept in the premises designated therein and shall at all times be subject to inspection by the fire official.

1.-2. (No change.)

3. Type 1 permit:

i.-ii. (No change.)

iii. The occasional use of any non-residential occupancy other than Use Groups F, H, or S for group overnight stays of persons over 2½ years of age, in accordance with N.J.A.C. 5:70-3, the State Fire Prevention Code, Section 408.14;

iv.-xv. (No change.)

xvi. The erection, operation, or maintenance of any outdoor combustible maze shall require a Type 1 permit if the outdoor combustible maze is less than six feet in height and does not contain electrical equipment. Outdoor combustible mazes that are six feet or greater in height or contain electrical equipment shall be subject to the permitting requirements of N.J.A.C. 5:23-2.14.

(1) For the purposes of applying this requirement, an outdoor combustible maze is an attraction that lacks a roof and is designed to disorient patrons, reduce vision, present barriers, or otherwise impede the flow of traffic and does not consist solely of living rooted plants such as corn stalks or trees, but includes mazes created from plants that have been cut and attached to an object to support them.

(A) (No change.)

(B) No permit shall be required for mazes up to 42 inches in height created of bales of hay or straw;

xvii. The use of any Group A-4 use, place of worship, as a shelter with a maximum permitted occupant load of 14 persons, for 14 or fewer consecutive days, for not more than 49 days in a year in accordance with Section 408.15 of the State Fire Prevention Code; or

xviii. Unoccupied or vacant building or structure 2,500 square feet or more, but less than 12,000 square feet, in gross floor area.

4. Type 2 permit:

i.-iii. (No change.)

iv. The use of a covered mall in any of the following manners:

(1)-(4) (No change.)

(5) Using liquefied petroleum gas, liquefied natural gas, or compressed flammable gas in containers exceeding five pound capacity;

v. Storage outside of buildings of LP-gas cylinders or other compressed gas containers when part of a cylinder exchange program;

vi. Unoccupied or vacant buildings or structures 12,000 square feet or more, but less than 100,000 square feet, in gross floor area; or

vii. The use of any building or portion thereof previously registered as a Life Hazard Use for mercantile purposes on a temporary basis.

(1) Exception: No permit shall be required for any mercantile use registered as a Life Hazard Use.

5. Type 3 permit:

i. (No change.)

ii. Wrecking yards, junk yards, outdoor used tire storage, waste material handling plants, and outside storage of forest products not otherwise classified;

iii. The storage, handling, or discharging of fireworks; or

iv. Unoccupied or vacant buildings or structures 100,000 square feet or more in gross floor area.

6.-7. (No change.)

(b)-(j) (No change.)

**(Agency Note:** The text of N.J.A.C. 5:70-2.9 below reflects the adoption of amendments effective October 2, 2017 (see 49 N.J.R. 3356(a))

5:70-2.9 Fees: registration; certificate of smoke alarm, carbon monoxide alarm, and portable fire extinguisher compliance (CSACMAPFEC); permit; carnival registration certificate

(a)-(c) (No change.)

(d) The application fee for a certificate of smoke alarm, carbon monoxide alarm, and portable fire extinguisher compliance (CSACMAPFEC), as required by N.J.A.C. 5:70-2.3, shall be based upon the amount of time remaining before the change of occupant is expected, as follows:

1. Requests for a CSACMAPFEC received more than 10 business days prior to the change of occupant: \$45.00;

2. Requests for a CSACMAPFEC received four to 10 business days prior to the change of occupant: \$90.00; and

3. Requests for a CSACMAPFEC received fewer than four business days prior to the change of occupant: \$161.00.

(e) (No change.)

(f) A municipality having a local enforcing agency may establish by ordinance a different permit and certificate of smoke alarm compliance fee schedule based on the actual cost anticipated or incurred for the enforcement of these Code provisions; provided, however, that the permit fee for the temporary use of a commercial farm building as a place of public assembly shall not exceed \$97.00.

#### 5:70-2.11 Service of notice and orders

(a) Notice, rules, decisions, and orders issued and served pursuant to the Act shall be effective if served by any one of the methods set forth below:

1. By personal delivery;

2. By leaving the document at the addressee's office or dwelling unit with a person 14 years of age or older;

3. By certified mail return receipt requested to the person's last known address; however, if the document is returned as "refused" or "unclaimed" with no indication of a change of address, service may be made by ordinary mail to the same address;

4. If on an owner, by serving the document on the Secretary of State, who shall be deemed the owner's agent for service of process; if:

i. (No change.)

ii. A copy of the document is posted in a conspicuous location on the premises, which location shall include the walls in a front vestibule, common foyer or hallway near the inside main front entrance; or

5. By electronic service, with read receipt.

(b)-(c) (No change.)

#### 5:70-2.26 Removal of snow from fire hydrants; installation of fire hydrant markers

(a) The governing body of a municipality may adopt an ordinance requiring the clearing of snow covering or obstructing fire hydrants, requiring the installation of fire hydrant locator poles, or both.

(b) Hydrant marker poles shall be installed on all working fire hydrants within the jurisdiction.

1. Hydrant marker poles shall be:

- i. Of a type, color, construction, and mounting arrangement approved by the fire chief;
- ii. Of sufficient length to allow easy identification by firefighting personnel following snow events;
- iii. Of contrasting colors, or equipped with retroreflective striping to provide visual conspicuity during all lighting conditions;
- iv. Of a flexible design to withstand flexing and movement, while remaining substantially vertical;
- v. Constructed of corrosion resistant materials; and
- vi. Securely fastened to the hydrant(s), in a manner so as not to restrict or reduce the effective use of such hydrants.

2. The ordinance in (a) above shall contain provisions for the continued maintenance and/or replacement of hydrant marker poles required in this section.

3. All new fire hydrants installed shall be equipped with typical hydrant markers as provided in this section.

(c) Clearing of snow shall be as follows:

1. Hydrants shall be cleared a minimum of 36 inches in all directions, including access path necessary for the connecting of hose lines and operation of the hydrant.

2. Fire hydrants shall be cleared of snow within 24 hours of coverage.

3. In the event additional snow is deposited around a cleared hydrant after initial clearing by plowing or subsequent storm activity, an additional 24-hour period may be granted to remove the additional accumulation.

i. Responsibility for clearing hydrants may be assigned to:

- (1) The owner of any real property abutting said hydrant(s);
- (2) A municipal department specified in the ordinance; or
- (3) The owner of the water system/hydrant.

ii. Failure to perform under (c)3i above shall result in the following.

(1) If the responsible party fails to comply in the specified time, the municipality of any department thereof may perform the clearance and bill the responsible party not more than \$75.00 for the service.

(2) The ordinance may contain provisions to provide relief from these requirements for certain persons physically incapable of performing this task.

### SUBCHAPTER 3. STATE FIRE PREVENTION CODE

#### 5:70-3.1 Code adopted, scope, and applicability

(a) Pursuant to the authority of P.L. 1983, c. 383, the Commissioner hereby adopts the model code of the International Code Council, known as the "2015 International Fire Code." This code is hereby adopted by reference as the State Fire Prevention Code for New Jersey, subject to the modifications set forth in N.J.A.C. 5:70-3.2.

(b) Copies of this code may be obtained from the International Code Council at 900 Montclair Road, Birmingham, Alabama 35213 or at [www.iccsafe.org](http://www.iccsafe.org).

(c) (No change.)

(d) This subchapter establishes fire prevention requirements governing the safe maintenance of all buildings and premises subject to this code. It is not the intent of this subchapter (the State Fire Prevention Code) to require the installation or upgrading of any system, equipment, or building component not already required by N.J.A.C. 5:70-4 or by the Uniform Construction Code in effect at the time of construction of the building or at the time of installation of any existing system, equipment, or building component. This subchapter shall not be cited as the basis for any retrofit requirement. A lack of compliance with N.J.A.C. 5:70-4 shall be cited by the fire official under N.J.A.C. 5:70-4. A suspected lack of compliance with the provisions of the Uniform Construction Code in effect at the time of construction or installation shall be referred to the local construction official for appropriate action.

1. Exceptions to (d) above. The below are items for which installation or upgrading may be required in accordance with this subchapter:

i. Vehicle impact protection; and

ii. When conditions are identified that constitute a distinct hazard of life or property in the following areas:

- (1) Process equipment; and
- (2) The manufacturing, handling, or storage of hazardous materials.

(e) Violations of this subchapter shall be cited by giving the New Jersey Administrative Code citation for this subchapter, N.J.A.C. 5:70-3,

followed by the section number of the 2015 International Fire Code, as amended by N.J.A.C. 5:70-3.2.

1. Violations of this subchapter shall be cited under the previously-adopted State Fire Prevention Code, the 2006 International Fire Code, as amended, until January 1, 2018. Effective on that date, all violations shall be cited under the 2015 International Fire Code, as amended.

(Agency Note: Any brackets in N.J.A.C. 5:70-3.2 are to be permanently added to the Administrative Code and shall not indicate text to be deleted upon adoption.)

#### 5:70-3.2 Modifications

(a) The following articles or sections of the State Fire Prevention Code are modified as follows:

1. Chapter 1, Scope and Administration, shall be amended as follows:

i. In Section 101, Scope and General Requirements, the following text shall be deleted, "General Requirements" and the following text shall be inserted, "Applicability".

ii. In Section 101.1, Title, the following text shall be deleted, "Title. These regulations shall be known as the Fire Code of [NAME OF JURISDICTION], hereinafter referred to as "this code." " The following text shall be inserted, "Purpose: The purpose of this code is to establish the minimum requirements consistent with nationally recognized good practice for providing a reasonable level of life safety and property protection from the hazards of fire, explosion, or dangerous conditions in new and existing buildings, incident to the occupancy and maintenance of structures and premises and to provide safety to fire fighters and emergency responders during emergency operation."

iii. In Section 101.2, Scope, the following changes shall be made:

(1) Insert new item 1 as follows: "1. The proper maintenance of fire protection features required by the construction code in effect at the time of first occupancy; by the Fire Safety Code (N.J.A.C. 5:70-4); or by the provisions of other, applicable fire safety rules or ordinances lawfully promulgated by the State or by a local enforcing agency;"

(2) Item 1 shall be renumbered as item 2: "2. The Hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices."

(3) Item 2 shall be renumbered as item 3. In item 3, after "structure," "or" shall be deleted and after "premises," "or mobile enclosed units;" shall be inserted.

(4) Item 3 shall be renumbered as item 4: "4. Fire hazards in the structure or on the premises from occupancy or operation."

(5) The old item 4 shall be deleted in its entirety.

(6) Insert new item 5 as follows: "5. Conditions affecting the safety of fire fighters and emergency responders during emergency operations."

iv. Section 101.2.1, Appendices, shall be deleted in its entirety.

v. The text of Section 101.3, Intent, shall be deleted and the following text shall be inserted "101.3 Applicability. This subchapter shall be applicable to:"

vi. New Section 101.3.1, shall be added as follows: "101.3.1 All buildings, structures, and premises within this State, with the exception of owner-occupied one- and two-family dwellings used exclusively for dwelling purposes; and"

vii. New Section 101.3.2, shall be added as follows: "101.3.2 All fire safety hazards arising from the storage, handling or use of substances, materials or devices and arising from conditions hazardous to life, property or public welfare in the use or occupancy of buildings, structures, sheds, tents, lots or premises."

viii. New Section 101.3.2.1 shall be added as follows: "101.3.2.1 Such handling or use shall be construed as referring, as well, to industrial processes and equipment whether or not they are subject to Uniform Construction Code provisions."

ix. New Section 101.3.3 shall be added as follows: "101.3.3 Buildings or other facilities built under and in full compliance with the codes in force at the time of construction or alteration thereof, and that have been properly maintained and used for such use as originally permitted, shall be exempt from the requirements of this subchapter pertaining to any of the following matters:

1. Fire protection of structural elements.

2. Isolation of hazardous operations.

3. In lieu of requiring the installation of safety devices or systems or when necessary to secure safety in addition thereto, the fire code official may prescribe limitations consistent with the provisions of nationally recognized standards, on the handling and storage of materials or substances, or upon operations that are liable to cause fire, contribute to the spread of fire, or endanger life or property.”

x. New Section 101.3.4 shall be inserted as follows: “101.3.4 This code shall apply to any outdoor activities, uses or operations for which requirements are established by this code.”

xi. New Section 102, General Provisions, shall replace the current Section 102, Applicability, and be inserted as follows: “SECTION 102 GENERAL PROVISIONS”.

xii. The text of Section 102.1, Construction and design provisions, shall be deleted and the following text shall be inserted, “102.1 General: The following provisions are general provisions for precautions to be applied to the use of all properties.”

xiii. New Section 102.1.1 shall be inserted as follows: “102.1.1 Any dangerous or hazardous conditions that are outlined in 1 through 10 below shall be removed or remedied in accordance with the provisions of N.J.A.C. 5:70-2.10:

1. Dangerous conditions that are liable to cause or contribute to the spread of fire in or on said premises, building or structure or endanger the occupants thereof;

2. Conditions that would interfere with the efficiency and use of any fire protection equipment;

3. Obstruction to or on fire escapes, stairs, passageways, doors or windows, liable to interfere with the egress of occupants or the operation of the fire department in case of fire;

4. Accumulations of dust or waste material in air conditioning or ventilating systems or grease in kitchen or other exhaust ducts;

5. Accumulations of grease on kitchen cooking equipment, or oil, grease or dirt upon, under or around any mechanical equipment;

6. Accumulations of rubbish, waste, paper, boxes, shavings, or other combustible materials, or excessive storage of any combustible material;

7. Hazardous conditions arising from defective or improperly used or installed electrical wiring, equipment or appliances;

8. Hazardous conditions arising from defective or improperly installed equipment for handling or use of combustible, explosive or otherwise hazardous materials;

9. Dangerous or unlawful amounts of combustible, explosive or otherwise hazardous materials; or

10. All equipment, materials, processes or operations that are in violation of the provisions and intent of this Code.”

xiv. The text of Section 102.2, Administrative, operational and maintenance provisions, shall be deleted in its entirety and the following text shall be inserted, “102.2 One-call. Where any activity regulated by this chapter is also regulated pursuant to the ‘Protection of Underground Facilities: One-Call Damage Prevention System’ N.J.A.C. 14:2-1 et seq., such as any activity involving a road opening, blasting, demolition or excavation, no permit or approval granted pursuant to this chapter shall be considered valid unless such activity is conducted in compliance with the above cited regulations and the parameters contained within the One-Call confirmation ticket, a copy of which shall be provided to the fire code official upon request.”

xv. Section 102.3, CHANGE OF USE OR OCCUPANCY, shall be deleted in its entirety.

xvi. Section 102.4, APPLICATION OF BUILDING CODE, shall be deleted in its entirety.

xvii. Section 102.5, APPLICATION OF RESIDENTIAL CODE, shall be deleted in its entirety.

xviii. Section 102.6, HISTORIC BUILDINGS, shall be deleted in its entirety.

xix. Section 102.7, REFERENCED CODES AND STANDARDS, shall be changed according to xxiv below.

xx. Section 102.8, SUBJECTS NOT REGULATED BY THIS CODE, shall be deleted in its entirety.

xxi. Section 102.9, MATTERS NOT PROVIDED FOR, shall be deleted in its entirety.

xxii. Section 102.10, CONFLICTING PROVISIONS, shall be deleted in its entirety.

xxiii. Section 103, DEPARTMENT OF FIRE PREVENTION, shall be deleted in its entirety and replaced by a new Section 103 as follows: “Section 103 TERMS; STANDARDS; ACCEPTED PRACTICE; TECHNICAL ASSISTANCE”.

xxiv. A new Section 103.1, Terms, shall be inserted as follows: “103.1 Terms: Wherever used in this code, the term “fire code official” shall be deemed to mean and include “fire official.” The term “code” shall be deemed to mean and include “Subchapter 3 of the Uniform Fire Code, N.J.A.C. 5:70-3. “The term “Uniform Construction Code” shall be deemed to mean and include N.J.A.C. 5:23 New Jersey Uniform Construction Code.

xxv. Section 102.7, Referenced codes and standards, shall be renumbered “103.2” and “only” shall be inserted after the words “this code” and before the words “to the prescribed extent” as follows: “103.2 Referenced codes and standards. The codes and standards referenced in this code shall only be those that are listed in Chapter 80 and such codes and standards shall be considered part of the requirements of this code only to the prescribed extent of each such reference. Where differences occur between the provisions of this code and the referenced standards, the provisions of this code shall apply.”

xxvi. A new Section 103.3, Standards; accepted practice, shall be inserted as follows: “103.3 Standards; accepted practice,

1. This section, together with the codes, national standards and appendices it adopts by reference, shall be the primary guide to accepted practice with respect to any material, equipment, system or method of installation, use, operation or maintenance therein specified.

2. When this section and the codes, national standards and appendices it adopts by reference are silent, a manufacturer’s recommendations for the installation of any material or assembly may be considered to be accepted practice; provided, however, that a manufacturer’s recommendations shall not be read to overrule this subchapter or any code, national standard or appendix which it adopts by reference.”

xxvii. Section 104, General Authority and Responsibilities, shall be deleted in its entirety with the exception of Section 104.7.2 which shall be renumbered as stated immediately below. Section 107 shall be renumbered “Section 104.”

xxviii. Section 104.7.2, Technical assistance, shall be renumbered “Section 103.4” and “design submittals” shall be deleted and “documentation” shall be inserted and the text shall be inserted in Section 103 as follows: “Section 103.4 Technical assistance. To determine the acceptability of technologies, processes, products, facilities, materials and uses attending the design, operation or use of a building or premises subject to inspection by the fire code official, the fire code official is authorized to require the owner or agent to provide, without charge to the jurisdiction, a technical opinion and report. The opinion and report shall be prepared by a qualified engineer, specialist, laboratory or fire safety specialty organization acceptable to the fire code official and shall analyze the fire safety properties of the design, operation or use of the building or premises and the facilities and appurtenances situated thereon, to recommend necessary changes. The fire code official is authorized to require documentation to be prepared by, and bear the stamp of, a registered design professional. This provision shall not be applied to systems installed and approved pursuant to the New Jersey Uniform Construction Code.”

xxix. Section 105, PERMITS, shall be deleted in its entirety.

xxx. Section 106, INSPECTIONS, shall be deleted in its entirety.

xxxi. Section 107, MAINTENANCE, shall be renumbered “Section 104.”

xxxii. Section 107.1, MAINTENANCE OF SAFEGUARDS, shall be renumbered “Section 104.1” and moved to Section 104.

xxxiii. Section 107.2, TESTING AND OPERATION, shall be renumbered “Section 104.2” and moved to Section 104.

xxxiv. Section 107.2.1, Reinspection and testing, shall be renumbered “Section 104.2.1” and moved to Section 104.

xxxv. A new Section 104.3 shall be inserted as follows: “104.3 Listed or labeled. Any material, equipment, or system listed or labeled for the purpose to which it is applied shall be used, operated and maintained in accordance with that listing or labeling in addition to this subchapter’s requirements.”

xxxvi. A new Section 104.4 shall be inserted as follows: "104.4 Listing Approval. The fire official is authorized to require replacement of any service, material, equipment or device subject to this code that is the subject of either a voluntary or mandatory recall under state or federal law. Any service, material, equipment or device that is the subject of such recall shall not be deemed in compliance with any provision of this code requiring the service, material, equipment or device to be listed."

xxxvii. Section 107.3 Recordkeeping, shall be renumbered Section 104.5; Section 107.4 Supervision, shall be renumbered Section 104.6; Section 107.5 Rendering equipment inoperable, shall be renumbered Section 104.7; Section 107.6, shall be renumbered Section 104.8, and all moved to Section 104.

xxxviii. Section 107.2.1, Re-inspection and testing, shall be renumbered "Section 104.2.2 104.2.1" and moved to Section 104.

xxxix. Section 108, BOARD OF APPEALS, shall be deleted in its entirety.

xl. Section 109, VIOLATIONS, shall be deleted in its entirety.

xli. Section 110, UNSAFE BUILDINGS, shall be deleted in its entirety.

xlii. Section 111, STOP WORK ORDER, shall be deleted in its entirety.

xliii. Section 112 SERVICE UTILITIES, shall be renumbered Section 105; Section 112.1, shall be renumbered, Section 105.1 and all moved to Section 105.

xliv. Section 113 FEES, shall be deleted in its entirety.

2. Chapter 2, Definitions, shall be amended as follows:

i. In Section 201.3, Terms defined in other codes, the following text shall be deleted, "Where terms are not defined in this code and are defined in the International Building Code, International Fuel Gas Code, International Mechanical Code or International Plumbing Code, such terms shall have the meanings ascribed to them as in those codes." The following text shall be inserted, "The following terms shall have the meanings indicated except where the context clearly requires otherwise. Where a term is not defined then the definition of that term found within this code at N.J.A.C. 5:70-1.5 or the Uniform Construction Code at N.J.A.C. 5:23-1.4 shall govern."

ii. Section 202, General Definitions, shall be amended to include the following definitions:

(1) The following text shall be deleted from "ACCESSIBLE ROUTE," "Chapter 11 of the International Building Code" and replaced with "the building subcode of the Uniform Construction Code."

(2) The following text shall be inserted following the definition for "AGENT." "AIR BLAST. The air-borne shock wave or acoustic transient generated by an explosion."

(3) The following text shall be deleted from "ATRIUM," "Section 505 of the International Building Code" and replaced with "the building subcode of the Uniform Construction Code."

(4) The following text shall be deleted, following "BUILDING," "Any structure used or intended for supporting or sheltering any use or occupancy." The following text shall be inserted "A structure enclosed with exterior walls or fire walls, built, erected and framed of component structural parts, designed for the housing, shelter, enclosure and support of individuals, animals or property of any kind. When used herein, building and structure shall be interchangeable except where the context clearly indicates otherwise."

(5) The following text shall be deleted from "BUILDING OFFICIAL," "International Building Code" and replaced with "building subcode of the Uniform Construction Code."

(6) The following text shall be deleted from "CARE SUITE," "Section 407.4.4 of the of the International Building Code" and replaced with "the building subcode of the Uniform Construction Code."

(7) The following text shall be deleted, "CONSTRUCTION DOCUMENTS. The written, graphic and pictorial documents prepared or assembled for describing the design, location and physical characteristics of the elements of the project necessary for obtaining a permit."

(8) The following text shall be inserted following the definition of "CONSTANTLY ATTENDED LOCATION", "CONSTRUCTION CODE IN EFFECT AT THE TIME OF FIRST OCCUPANCY. The

Uniform Construction Code (N.J.A.C. 5:23) or, for periods prior to its adoption, it means the building code regulations in effect at the time the specific occupancy, use or operation was legally established."

(9) The following text shall be inserted following the definition of "CONSTRUCTION CODE IN EFFECT AT THE TIME OF FIRST OCCUPANCY", "CONSTRUCTION OFFICIAL. The officer or other designated authority charged with the administration and enforcement of the Uniform Construction Code."

(10) The following text shall be deleted from "EQUIPMENT PLATFORM," "(see Section 505.3 of the International Building Code)" and replaced with "and comply with the building subcode of the Uniform Construction Code."

(11) The following text shall be inserted following the definition of "EXPLOSIVE," "EXPLOSIVE-ACTUATED POWER DEVICE. Any tool or special mechanized device actuated by explosives, but not including propellant-actuated power devices. Examples of explosive-actuated power devices are jet tappers and jet perforators."

(12) The following text shall be deleted, "FACILITY. A building or use in a fixed location including exterior storage areas for flammable and combustible substances and hazardous materials, piers, wharves, tank farms and similar uses. This term includes recreational vehicles, mobile home and manufactured housing parks, sales and storage lots."

(13) The following text shall be inserted following the definition of "FIRE ALARM SYSTEM":

(A) FIRE ALARM SYSTEM, CENTRAL STATION. A central office, connected to remote alarm and supervisory signaling devices, where personnel is in attendance at all times to monitor the system activity and investigate signals. The central-station personnel take immediate and appropriate action upon receipt of an alarm signal."

(B) "FIRE ALARM SYSTEM, PROPRIETARY. An installation of protective signaling systems serving contiguous and noncontiguous properties under one ownership from a central supervising station located at the protected property where trained, competent personnel are in constant attendance."

(C) "FIRE ALARM SYSTEM, REMOTE STATION. An installation utilizing supervised circuits to transmit alarm and supervisory and trouble signals from one or more protected premises to a remote location at which appropriate action is taken."

(14) The following text shall be deleted, "FIRE CHIEF. The chief officer of the fire department serving the jurisdiction, or a duly authorized representative."

(15) The following text shall be deleted, following "FIRE CODE OFFICIAL," "The fire chief or other designated authority charged with the administration and enforcement of the code, or a duly authorized representative." The following text shall be inserted "The fire official or fire inspector certified by the Commissioner of the Department of Community Affairs and appointed or designated to direct the enforcement of the code by the appointing authority of a local enforcing agency."

(16) The following text shall be inserted following the definition of "FIRE EXIT HARDWARE," "FIRE HAZARD. Any thing or act increasing or causing an increase of the hazard or menace of fire to a greater degree than that customarily recognized by persons in the public service who are regularly engaged in preventing, suppressing or extinguishing a fire; or which may obstruct, delay, hinder or interfere with the operations of the fire department or the egress of occupants in the event of a fire."

(17) The following text shall be inserted following the definition of "FIRE HAZARD," "FIRE INSPECTOR. A person working under the direction of the fire official who is certified by the Commissioner of the Department of Community Affairs and appointed or designated to enforce the code by the appointing authority of a local enforcing agency."

(18) The following text shall be inserted following the definition of "FIRE LANE," "FIRE OFFICIAL. A person certified by the Commissioner of the Department of Community Affairs and appointed or designated to direct the enforcement of the code by the appointing authority of a local enforcing agency. This term shall also include "Fire Marshal" where the fire official has been appointed pursuant to N.J.A.C. 5:71-3.2."

(19) The following text shall be deleted from "FIRE PROTECTION RATING," "Section 716 of the International Building Code" and replaced with "the building subcode of the Uniform Construction Code."

(20) The following text shall be deleted from "FIRE-RESISTANCE RATING," "Section 703 of the International Building Code" and replaced with "the building subcode of the Uniform Construction Code."

(21) The following text shall be inserted following the definition of "FIREBLOCKING," "FIREBREAK. A natural or constructed barrier used to stop or check fires that occur, or to provide a control line from which to suppress fires. A firebreak shall consist of non-combustible materials including but not limited to gravel, sand, or paved roads, irrigated lawns, gardens and orchards, ponds, lakes or other watercourses that meet a width which is measured outward 1 1/2 times the height of fuels available to burn adjacent to premises."

(22) The definition of FIREWORKS shall be deleted in its entirety and the following text shall be inserted into the definition of FIREWORKS:

"Fireworks include any combustible or explosive composition, and any substance and combination of substances and articles prepared for the purpose of producing a visible or an audible effect by combustion, explosion, deflagration or detonation. Fireworks shall include blank cartridges, toy pistols, toy cannons, toy canes and toy guns in which explosives are utilized; firecrackers, torpedoes, skyrockets, Roman candles, sparklers and other devices of similar construction; any device containing any explosive or flammable compound; and any tablets and other devices containing any explosive substance.

The term "fireworks" shall not include automobile flares, paper caps containing not more than an average of 0.25 grain (16 mg) of explosive content per cap, and toy pistols, toy canes, toy guns and other devices utilizing such caps. The sale and utilization of the types of explosive devices listed herein which are not considered fireworks shall be permitted at all times. See Section 5602.1."

(23) The following text shall be inserted after the definition for "GRANDSTAND":

(A) "GREASE CONSUMING APPLIANCES OR FUME INCINERATOR. Means devices intended for placement over restaurant type cooking equipment in the exhaust duct and through which all exhaust vapors or smoke must pass. Grease and other particulate matter from cooking fumes and exhaust are removed by open flames."

(B) "GREASE EXTRACTOR. Means a device intended for the removal of smoke and grease-laden particles from exhaust fumes or vapors created by cooking operations. A grease extractor device normally consists of a hood, a grease collecting device, a wash system, means to detect excessive temperature of the exhaust gases which activates a device to prevent flame and excessively hot gases from entering the exhaust duct, and associated electrical controls."

(C) "GROUND VIBRATION. Shaking of the ground by elastic waves emanating from blasting, usually measured in inches per second of particle velocity."

(24) The following text shall be deleted from "GYPSUM BOARD," "Chapter 35 of the International Building Code" and replaced with "the building subcode of the Uniform Construction Code."

(25) The following definition shall be added after HORIZONTAL EXIT: HOSPITALITY ROOM. A room or space that is incidental to a religious use wherein 14 or fewer persons are provided shelter for 14 or fewer consecutive days for no more than 49 days in a year.

(26) "HOT WORK PERMITS," shall be deleted in its entirety.

(27) "HOT WORK PROGRAM," in the first sentence, "permitted" shall be deleted before "program," "and issue permits for" shall be deleted before "hot work," and "or" shall be deleted after (the second) "personnel."

(28) The following text shall be inserted following the definition for "INSECTICIDAL FOGGING," "INSPECTION CERTIFICATE. An identification applied on a product by an approved agency containing the name of the manufacturer, the function and performance characteristics, and the name and identification of an approved agency which indicates that the product or material has been inspected and evaluated by an approved agency (see also "Mark," "Manufacturer's designation" and "inspection certificate")."

(29) The following text shall be inserted following the definition of "MANUAL STOCKING METHODS," "MANUFACTURER'S DESIGNATION. An identification applied on a product by the manufacturer indicating that a product or material complies with a specified standard or set of rules (see also Mark, Label and Inspection certificate)."

(30) The following text shall be inserted following the definition of "MARINE MOTOR FUEL DISPENSING FACILITY," "MARK. An identification applied on a product by the manufacturer indicating the name of the manufacturer and the function of a product or material (see also Manufacturer's designation, Label and Inspection certificate)."

(31) The following text shall be deleted from the definition of "MEMBRANCE STRUCTURE," "An air-inflated, or air-supported, cable or frame-covered structure as defined by the International Building Code and not otherwise defined as a tent. See Chapter 31 of the International Building Code." The following text shall be inserted, "An air-inflated, air-supported, cable or frame-covered structure not otherwise defined as a tent or canopy."

(32) The following text shall be deleted from the definition of "MERCHANDISE PAD," "as indicated in section 105.2 of the International Building Code."

(33) The following text shall be deleted from "MEZZANINE," "Section 505 of the International Building Code" and replaced with "the building subcode of the Uniform Construction Code."

(34) The following text shall be inserted following the definition of "MEZZANINE," "MOBILE ENCLOSED UNIT. A unit of closed construction designed to be driven or towed from place to place, which includes commercial cooking equipment producing grease-laden vapors and which allows for occupancy by the operator. Also known as "mobile canteen."

(35) The following text shall be inserted following the definition of "NURSING HOMES," "OCCUPANCY. The purpose for which a building or premises or portion thereof is used or intended to be used. The term shall also include the building, room or enclosed space that houses a use."

(36) The definition of "OCCUPANCY CLASSIFICATION" shall be deleted in its entirety, including the deletion of Assembly Group A to Miscellaneous Group, and the following text shall be inserted: "OCCUPANCY CLASSIFICATION. The various use groups contained on the premises' Certificate of Occupancy (C of O) issued pursuant to the Uniform Construction Code (UCC) or, for premises constructed prior to January 1, 1977 for which no such certificate of occupancy has subsequently been issued, the various use groups defined in this code at N.J.A.C. 5:70-1.5."

(37) The text following, "OCCUPANT LOAD," the first sentence shall be deleted and the following shall be inserted, "The total number of persons permitted to occupy a building or portion thereof at any one time."

(38) The following text shall be deleted from "OPEN PARKING GARAGE," first sentence, "International Building Code" and replaced with "building subcode of the Uniform Construction Code", second sentence, "Section 406.5 of the International Building Code" shall be deleted and replaced with "in the building subcode of the Uniform Construction Code."

(39) In Section 1002.1, Definitions, the following shall be inserted after "PASS-THROUGH," "PLACE OF ASSEMBLY, A place of assembly shall be a room or space accommodating individuals for religious, recreational, political or social or amusement purposes or for the consumption of food and drink, including all connected rooms or spaces with a common means of egress and entrance."

(40) The following text shall be deleted following the definition of "PERSON", "An individual, heirs, executors, administrators or assigns, and also includes a firm, partnership or corporation, its or their successors or assigns, or the agent of any of the aforesaid." The following text shall be inserted, "Includes a corporation, firm, partnership, association, organization and any other group acting as a unit, as well as individuals. It shall also include an executor, administrator, trustee, receiver or other representative appointed according to law. Whenever the word "person" appears in any section of this code prescribing a penalty or fine, as to partnerships or associations,

the word shall include the partners or members thereof, and as to corporations, shall include the officer, agents or members thereof who are responsible for any violation of such section.”

(41) The following text shall be inserted following the definition of “POWERED-OPERATED DOOR” “PREMISES. A lot, plot or parcel of land and area thereof, including any structure, building or part or parts thereupon.”

(42) The following text shall be inserted following the definition of “QUANTITY-DISTANCE (Q-D)” after “Minimum Separation Distance,” “RADIOACTIVE MATERIAL. Any material or combination of materials that spontaneously emits ionizing radiation.”

(43) “RESPONSIBLE PERSON,” in the second sentence, “permits” shall be deleted and “approvals” shall be inserted and “permit” shall be deleted before “program.”

(44) The following text shall be inserted following the definition of “SCISSOR STAIRWAY,” “SEALED SOURCE. A quantity of radiation enclosed to prevent the escape of any radioactive material, but at the same time permitting radiation to come out for use.”

(45) The following text shall be inserted following the definition of “SOLID BIOMASS FEEDSTOCK,” “SOLID FUEL-FIRED HEATER. Means a flue connected heater, fired with solid fuels, such as a fireplace, fireplace insert or stove, free standing wood stove or similar solid fuel-fired appliance.”

(46) The following text shall be deleted from “SPRAY ROOM,” “International Building Code” and replaced with “building subcode of the Uniform Construction Code”.

(47) The following text shall be deleted from the definition of “STEEL,” “International Building Code.” The following text shall be inserted after, “building subcode of the Uniform Construction Code.”

(48) The following text shall be inserted following the definition of “STEEL,” “STORAGE. Means articles that are stored, kept or accumulated for some future use, or for disposal, and drawn upon as needed.”

(49) The following text shall be inserted following the definition of “STORAGE, HAZARDOUS MATERIALS,” “STRUCTURE. A combination of materials to form a construction for occupancy, use or ornamentation, whether installed on, above, or below the surface of a parcel of land; provided, the word “structure” shall be construed when used herein as though followed by the words “or part or parts thereof and all equipment therein” unless the context clearly requires a different meaning.”

(50) The following text shall be deleted for the definition of “TENT,” “A structure, enclosure or shelter, with or without sidewalls or drops, constructed of fabric or pliable material supported by any manner except by air of the contents that it protects.” The following shall be inserted, “A structure, enclosure or shelter constructed of fabric or pliable material supported by any manner except by air or the contents that it protects, with sidewalls or drops on more than 25 percent of the perimeter.”

(51) The following text shall be inserted following the definition of “USE (MATERIAL), “USE GROUP. See Occupancy Classification.”

(52) The following text shall be deleted from “YARD,” “International Building Code” and replaced with “building subcode of the Uniform Construction Code.”

3. Chapter 3, “General Requirements”, the title “General Requirements” shall be deleted and the title “General Precautions Against Fire” shall be inserted; and shall be amended as follows:

i. New Section 301.1.1 shall be inserted as follows: “301.1.1 The equipment, processes and operations of vehicle-wrecking yards, junk yards and waste material-handling plants and the storage of combustible or flammable waste, rubbish and other materials shall comply with this chapter and NFPA 230.”

ii. Section 301.2, Permits, shall be deleted in its entirety.

iii. In Section 302.1, Definitions, “FIREBREAK” shall be inserted following “BONFIRE”, the definition is defined in Chapter 2.

iv. In Section 304.1.2, Vegetation, the text shall be deleted in its entirety and the following new text shall be inserted, “Adequate space shall be maintained around the perimeter of developments, structures or other combustible objects to provide defensible space against encroaching wildland fires or from fires escaping from the objects to the

surroundings. Weeds, grass, vines or other growth that is capable of being ignited and endangering property, shall be cut down and removed by the owner or occupant of the premises. Vegetation’s requirements on lands within the Pinelands National Reserve shall conform to the requirements of the Pinelands Management Plan, Fire Hazard Mitigation standards as regulated by the New Jersey Pinelands Commission.”

v. In Section 304.1.3, Space underneath seats, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

vi. A new Section 304.4, Waste material plants, shall be added as follows: “Section 304.4 Waste material plants. Waste material plants shall also comply with this section.”

vii. A new Section 304.4.1, Fire Access, shall be added as follows: “304.4.1 Fire access. Approved aisles, driveways and uniform passageways shall be provided to permit access for fire-fighting operations, including areas where stripped vehicle bodies are stored.”

viii. A new Section 304.4.2, Picking rooms, shall be added as follows: “304.4.2 Picking rooms. Picking rooms shall be provided with exhaust systems of sufficient capacity to remove dust and lint.”

ix. A new Section 304.4.3, Burning operations, shall be added as follows: “304.4.3 Burning operations. The burning of wrecked or discarded vehicles, or any parts thereof, or any junk or waste materials shall be prohibited.”

x. In Section 306.1, Motion picture projection rooms, “Section 409 of the International Building Code” shall be deleted and “construction code in effect at the time of the construction or alteration” shall be inserted.

xi. In Section 307.1.1, Prohibited open burning, the exception shall be deleted. The following text shall be inserted, “Forest Fire Service. In districts for which Forest Fire Wardens have been appointed in accordance with the General Forest Fire Act (N.J.S.A. 13:9-44.1 et seq.), any fire within, or adjacent to, any forest which has the potential to cause a wildfire is prohibited by this subchapter, without first obtaining a permit from the State Forest Fire Service in the New Jersey Department of Environmental Protection.”

xii. In Section 307.2, Permit required, “Permit required” shall be deleted and the text of the section shall be deleted in its entirety. The following text shall be inserted “Section 307.2 Allowable burning. Open burning shall be allowed without prior notification to the fire official for recreational fires, highway safety flares, smudge pots and similar occupational needs.”

xiii. In Section 307.2.1, Authorization, “Authorization” shall be deleted and the text of the section shall be deleted in its entirety. The following text shall be inserted “Section 307.2.1 Approval required. Open burning shall be allowed after obtaining a permit from the fire official for a bonfire. All permits shall be requested by and issued to the owner or agent of the land upon which the bonfire is to be kindled.”

xiv. New Section 307.2.1.1, Application, shall be inserted as follows: “307.2.1.1 Application: Applications for open burning shall be submitted in writing at least ten days before the fire is set and shall be in such form and contain such information as required by the fire official. Such applications shall contain, as a minimum, information regarding the purpose of the proposed burning, the nature and quantities of material to be burned, the date when such burning will take place, the location of the burning site and the on-site fire-extinguishing equipment to be provided.”

xv. New Section 307.2.1.2, Agricultural burning, shall be inserted as follows: “307.2.1.2 Agricultural burning permitted: The burning of herbaceous or infested plant life, the burning of orchard prunings and cuttings, prescribed burnings and the clearing of agricultural land by burning are prohibited by this subchapter, unless in accordance with a permit issued under the provisions of N.J.A.C. 7:27-2, administered by the State Forest Fire Service in the New Jersey Department of Environmental Protection.”

xvi. New Section 307.2.2, Waste disposal, shall be inserted as follows: “307.2.2 Waste disposal. Open burning shall not be utilized for waste disposal purposes, shall be of the minimum size for the intended purpose, and the fuel shall be chosen to minimize the generation and emission of air contaminants.”

xvii. Add new Section 307.4.1.1 as follows: “307.4.1.1 Bonfire size and duration. A bonfire shall not be more than 5 feet (1524 mm) by 5

feet (1524 mm) by 5 feet (1524 mm) in dimension and shall not burn longer than 3 hours. The maximum size and duration of a bonfire shall not be increased by the fire official unless it is determined that the fire safety requirements of the situation and the desirable duration of burn warrant the increase.”

xviii. Add new Section 307.4.1.2 as follows: “307.4.1.2 Material. Fuel for a bonfire shall consist only of seasoned dry firewood and shall be ignited with a small quantity of paper. The fire shall not be utilized for waste disposal purposes, and the fuel shall be chosen to minimize the generation of air contaminants.”

xix. In Section 307.4.2, Recreational fires, following “ignition”, insert “Fires in approved containers shall be permitted, provided that such fires are not less than 15 feet (4572 mm) from any structure”.

xx. In Section 308.1.3, Torches for removing paint, in the first sentence, following the word “structure,” “or for sealing membrane roofs” shall be inserted. In the second sentence, following the word “utilized”, “The use of open flame burning or the use of high temperature (in excess of 1000 degrees Fahrenheit) heat guns on painted surfaces in buildings of Use Group R that were constructed before 1978, Use Group E and Use Group I-2 buildings used as child care facilities, shall be prohibited unless the painted surfaces has been tested and found to be free of lead-based paint.” shall be inserted.

xxi. A new Section 308.1.3.1 shall be added as follows: “Section 308.1.3.1, Permit. A permit in accordance with N.J.A.C. 5:70-2.7 shall be secured from the fire code official prior to the utilization of a torch or flame-producing device to remove paint, to seal membrane roofs or for any similar use in or around any building, structure or combustible material.”

xxii. Section 308.1.4, Open-flame cooking devices, shall add to title “and outdoor fireplaces” and shall be inserted in two places each following “Open-flame cooking devices”. The word “and” following “Charcoal burners” shall be replaced by a “,” comma. “Or stored” shall be inserted after the word “operated”. “or decks” shall be inserted after the word “balconies” “10” shall be deleted and “5” shall be inserted in its place before the word “feet”. “(3048 mm)” shall be deleted. In Exception 1, “detached” shall be inserted before “one- and two-family dwellings.”

xxiii. A new Section 308.1.4.1 shall be added as follows: “Section 308.1.4.1, Liquefied-petroleum-gas fueled cooking devices. LP-gas burners having an LP-gas container with a water capacity greater than 2.5 pounds [nominal 1 pound (0.454 kg) LP-gas capacity] shall not be located on combustible balconies or within 10 feet (3048 mm) of combustible construction.” The following text shall then be inserted, “Portable LP-gas cooking equipment such as barbecues grills and outdoor fireplaces shall not be stored or used:

1. On any porch, balcony or any other portion of a building;
2. Within any room or space of a building;
3. Within five feet of any combustible construction;
4. Within five feet, vertically or horizontally, of an opening in any wall; or
5. Under any building overhang.

Exception: Detached owner-occupied one- and two-family dwellings.”

xxiv. In Section 308.1.6, Open-flame devices “Section 105.6” shall be deleted and “N.J.A.C. 5:70-2.7” shall be inserted.

xxv. Section 308.3, Group A occupancies, in Exception 2, “Chapter 6 and the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xxvi. Section 310.8, Hazardous environmental conditions, shall be deleted in its entirety.

xxvii. In Section 311.1.1, Abandoned premises, “International Property Maintenance Code and the International Building Code” shall be deleted. “Uniform Construction Code” shall be inserted.

xxviii. New Section 311.2.4, Utilities, shall be inserted as follows: “311.2.4 Utilities. All utilities which represent a potential source of ignition shall be disconnected in a manner approved by the fire official.”

xxix. In Section 311.3, Removal of combustibles, under Exception 1, “International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xxx. In Section 311.5, Placards, after the words “pursuant to,” “Section 110 of this code” shall be deleted and “the Uniform Construction Code, determined to be an imminent hazard pursuant to the Uniform Fire Code or for which a demolition permit has been issued pursuant to the Uniform Construction Code,” shall be inserted after the words “pursuant to.”

xxxi. In Section 312, Vehicle Impact Protection, after “Vehicle” in the title, Heavy Object” shall be inserted and after “vehicle” in the text, “or other heavy object” shall be inserted.

xxxii. In Section 312.2, Posts, in number 1, after the words “concrete filled,” “and painted yellow” shall be inserted. In number 2, after “4 feet,” “(1219 mm)” shall be deleted and “6 inches (152.4 mm)” shall be inserted. In number 3, after “3 feet,” “(914 mm)” shall be deleted and “6 inches (152.4 mm)” shall be inserted; “15” shall be deleted and “18” shall be inserted and after “inch,” “(381 mm)” shall be deleted and “457 mm” shall be added. In number 5, after “less than,” “3” shall be deleted and “2” shall be inserted and after “feet,” “(914 mm)” shall be deleted and (610 mm) shall be added.

xxxiii. A new Section 312.2.1, High speed or heavy traffic areas, shall be inserted as follows: “312.2.1 High speed or heavy traffic areas. In areas where high speed or heavy duty traffic occurs, the following shall be the requirements for motor vehicle protection:

1. Posts are to be a minimum of six inch diameter schedule 40 pipe and painted yellow;
2. Posts are to be buried a minimum of 48 inches deep and extend a minimum of 48 inches above grade and be filled with concrete;
3. Posts are to be set at four feet maximum centers;
4. Posts are to be encased in concrete of 24 inches diameter and 48 inches in depth for minimum standards; and
5. The crash protection shall be installed a minimum of 24 inches from the LP-gas container(s).”

xxxiv. In Section 313.1, General, in Exception 1, “International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xxxv. In Section 313.2, Group R occupancies, following the word “buildings,” “and shall be separated from other occupancies in accordance with the Uniform Construction Code” shall be inserted.

xxxvi. Section 314.4, Vehicles, is amended as follows: Item 1 “Batteries are disconnected” shall be deleted and items 2 through 4. shall be renumbered as 1 through 3.

xxxvii. Section 315.2 Permit required, shall be deleted in its entirety.

xxxviii. In Section 315.3.1, Ceiling clearance, “in accordance with NFPA 25 with at least a minimum of” shall be inserted before the words “not less than.”

xxxix. A new Section 315.3.5 shall be added as follows: “315.3.5. The storage of combustible or flammable materials shall be confined to approved storage areas.”

xl. In Section 315.4, Outside storage, “shall be compact and orderly and” shall be inserted after the words “combustible materials”. “10 feet (3048 mm)” shall be replaced by “15 feet (4572 mm)”. “or building” shall be inserted following the words “lot line.”

xli. A new Section 319, Rooming and Boarding Houses and Residential Health Care Facilities, shall be inserted as follows:

xlii. “SECTION 319 Rooming And Boarding Houses And Residential Health Care Facilities”

xliii. “319.1 General: Every rooming and boarding house shall have rules prohibiting the activities listed in 319.1.1 and 319.1.2 below, which shall be accepted in writing by every resident as a condition of residency.”

xliv. “319.1.1 Cooking: The use of cooking and food warming and portable heat producing devices, other than microwave ovens, is prohibited in rooming units.

Exception: This prohibition shall not apply in rooming units containing complete kitchens.”

xlv. “319.1.2 Smoking: Smoking is prohibited in rooming units.”

4. Chapter 4, Emergency Planning and Preparedness, shall be amended as follows:

i. New Section 401.3.4, Unplanned evacuation, shall be inserted as follows: “401.3.4 Unplanned evacuation. Evacuations made necessary

by the unplanned activation of a fire alarm system or by any other emergency shall not be substituted of a required evacuation drill.”

ii. Section 402.1, Definitions, is amended to add the definition of “Hospitality Room” following “Emergency Evacuation Drill.”

iii. New Section 403.1.1 shall be inserted as follows: “403.1.1 Group Overnight Stays. Fire safety and evacuation plans for Group Overnight Stays shall comply with section 403.15.”

iv. The title of Section 403.5 shall be amended to insert, “and Group I day care centers.” after “Group E occupancies.” In addition, in both sentences of the same section, “and Group I day care centers” shall be inserted after “Group E.”

v. In Section 403.5.1, First emergency evacuation drill, insert “two” before “emergency evacuation drill” and change “drill” to “drills”.

vi. In Section 403.8.1.3, Resident training, the words “Condition 2 occupancies” shall be deleted.

vii. In Section 403.8.3.2, Employee staffing, in the third sentence, the words “Conditions 3, 4 and 5 as defined in Chapter 2” shall be deleted after the words “Group I-3”; in the Exception, the words “Section 408.4 of the International Building Code” shall be deleted and the words “building subcode of the Uniform Construction Code” inserted.

viii. In Section 403.10.1, Group R-1 occupancies, a new section 403.10.1.4 shall be added as follows: “403.10.1.4. Bed and breakfasts. Each bed and breakfast shall have at least one dwelling unit occupied by the owner of the facility or his agent as his place of residence during any time that the facility is being used for the lodging of guests or the owner or agent of the owner shall be within 15 minutes travel distance of the facility while guests are lodging there. The owner or agent shall carry out the applicable duties described in this chapter. If the owner or agent is not on site, there shall be a clearly legible sign, conspicuously displayed in the area where guests register, containing the owner’s or agent’s name, address (including unit number or apartment number) and a 24-hour emergency telephone number.”

ix. In Section 403.10.2, Group R-2 occupancies, after “occupancies,” insert “located in high rise buildings.”

x. In Section 403.10.3, Group R-4 occupancies, following “Group R-4” insert, “Therapeutic residences”; in both the first and second sentences.

xi. New Section 403.10.3.3.1 shall be inserted as follows: “403.10.3.3.1 Admission. Within 24 hours of admission, each new occupant shall participate in a fire drill to ensure compliance with this chapter.”

xii. New Section 403.10.3.3.2 shall be inserted as follows: “403.10.3.3.2 Self-evacuation. Self-evacuation pursuant to the Uniform Construction Code means capable of self-evacuation with a prompt egress time not exceeding 3 minutes.”

xiii. In Section 403.10.4, Drill frequency, after the words “additional” the word “two” shall be deleted and “four” shall be inserted in its place. The sentence “Twelve drills shall be conducted in the first year of operation” shall be deleted.

xiv. In Section 403.10.3.5, Drill times, the words “Drill times. Drill times are not required to comply with Section 405.4.” shall be deleted and the text shall be inserted as follows: “Exceeding allotted time. If any resident exceeds the allotted time to evacuate, the facility manager shall relocate clients or take other action to ensure that the required time is met. If the fire official finds that the required time is not being met, the fire official shall refer the matter to the construction official as a possible change in use.”

xv. In Section 403.11.4, Buildings using occupant evacuation elevators, the words “Section 3008 of the International Building Code” shall be deleted and the words “building subcode of the Uniform Construction Code” inserted.

xvi. New Section 403.13, Casinos, shall be inserted as follows: “403.13 CASINOS

403.13.1 Casinos. In addition to the other provisions of this chapter Casinos shall comply with 403.13.2 through 403.13.4.9.

403.13.2 Casino employees: All hotel-casino employees who are assigned duties under the plan shall be periodically instructed and kept informed in respect to their respective duties and responsibilities. Such training shall include the proper use of portable fire extinguishers and other manual fire suppression equipment. With respect to new staff

members, such training shall be provided within 30 days of entrance to duty. With respect to existing staff, refresher training shall be provided at least annually and whenever a reassignment significantly alters an employee’s duties and responsibilities under the plan.

403.13.3 Casino Fire Safety Units: Every establishment licensed as a hotel-casino by the New Jersey Casino Control Commission shall establish a Fire Safety Unit consisting of trained personnel who shall be under the direct supervision of a supervisor who shall have responsibility for the operation of the Unit and the Fire Command Center and whose sole responsibility during a fire-related emergency incident shall be the direction of the unit and center. The supervisor shall report directly to the Director of the Department under which the Fire Safety Unit is organized.

403.13.4 Responsibilities: The responsibilities of the Fire Safety Unit shall include the following as listed in 403.13.4.1 through 403.13.4.9 below. The Fire Safety Unit shall:

403.13.4.1 Ensure continual staffing of the Fire Command Center with trained hotel-casino personnel. There shall be at least one such trained person in the Center at all times who shall, while on duty, be responsible for the direction of the unit and the center during a fire-related emergency;

403.13.4.2 Develop and implement a comprehensive fire safety and evacuation plan;

403.13.4.3 Provide specialized training for all employees to assure compliance with the fire safety plan;

403.13.4.4 Familiarize all employees of the hotel-casino with the fire safety plan and with the built-in fire detection and suppression systems in the casino and hotel;

403.13.4.5 Familiarize management and security employees with local fire department operations and procedures for various emergencies in the hotel-casino;

403.13.4.6 Provide training for employees on specific support functions to be performed to assist fire department personnel in an emergency;

403.13.4.7 Provide training for employees in early detection and proper evacuation of a fire emergency and the proper use of first aid firefighting equipment and techniques;

403.13.4.8 Provide training annually for all security personnel and Fire Safety Unit staff in cardiopulmonary resuscitation; and

403.13.4.9 Ensure the maintenance of the building and its fire protection features in compliance with the Uniform Construction Code and the Uniform Fire Code.”

xvii. New Section 403.14 shall be inserted as follows: “404.14 FLAMMABLE LIQUID STORAGE TERMINALS

403.14.1 Flammable liquid storage terminals: All flammable liquid storage terminals required to install High Level Alarm Systems by N.J.A.C. 5:72 shall submit a fire and emergency plan as required by this chapter and N.J.A.C. 5:72-3.4(a).”

xviii. A new Section 403.15 shall be inserted as follows: “403.15 GROUP OVERNIGHT STAYS

403.15.1 Permit required: A separate permit shall be obtained for each non-consecutive group overnight stay, not to exceed six (6) nights in any calendar year. A facility that holds seven (7) or more non-consecutive group overnight stays within a calendar year shall be considered to have changed the use of the building or portion thereof if the activity involves planned periods of sleep and it shall be necessary to apply for and be issued a certificate of occupancy under the Uniform Construction Code for the new use.

403.15.2 Application: Each application for a permit shall include a fire safety and evacuation plan which shall include, but not be limited to, the following information:

1. Number and age of planned participants;
2. Number of adult supervisors;
3. Fire drill procedures;
4. Procedure for accounting for participants after evacuation has been completed;
5. The preferred means, and any alternative, for notifying participants of a fire or other emergency;

6. The preferred means, and any alternative, for reporting fires or other emergencies to the fire department or emergency response organization;

7. The type of fire protection system(s) provided; and

8. Floor plan per section 405.15.3.

403.15.3 Floor plan: A floor plan of the building, or portion thereof, to be occupied, which identifies the locations of the following:

1. Exits;
2. Proposed sleeping area, if any;
3. Primary evacuation route;
4. Secondary evacuation route;
5. Accessible egress route(s), if available;
6. Fire alarm enunciator and control panel, if any; and
7. Manual fire alarm pull stations, if any.

403.15.4 Means of egress: The means of egress for the sleeping area shall comply with sections 403.15.4.1 through 403.15.4.4.

403.15.4.1 Exits: Two exits shall be required for stories with less than 500 occupants. Three exits shall be required for stories with 501 to 1,000 occupants. Four exits shall be required for stories with more than 1,000 occupants. A single exit is permitted for the story at the level of exit discharge when the occupant load of the story does not exceed 50 and the exit access travel distance does not exceed 75 feet.

403.15.4.2 Means of egress doorways: A minimum of two egress doorways shall be required for all rooms and spaces with an occupant load greater than 50 or in which the travel distance exceeds 75 feet. All egress doors serving an occupant load greater than 50 shall swing in the direction of exit travel.

403.15.4.3 Means of egress lighting: Artificial lighting with an intensity of not less than one foot candle at floor level shall be available during all times that the conditions of occupancy of the building require that the exits be available. In all buildings, rooms or spaces required to have more than one exit or exit access, means of egress lighting shall be connected to an emergency electrical system conforming to the Uniform Construction Code except that continued illumination shall be required to be provided for not less than one hour in the case of primary power loss.

403.15.4.4 Illuminated exit signs: Illuminated exit signs shall be provided for all required means of egress in all buildings, rooms or spaces required to have more than one exit or exit access. Exit signs shall be visible from the exit access and supplemented by directional signs when necessary.

Exception: Approved main exterior doors that are clearly identified as exits are not required to have exit signs.

403.15.5 Automatic alarms: The building or fire area containing the overnight stay shall be provided with an approved automatic fire detection system consisting of smoke detectors installed in accordance with the Uniform Construction Code.

403.15.6 Fire drill: A fire drill shall be conducted in accordance with the approved fire safety and evacuation plan upon arrival of all participants.

403.15.7 Sleeping area restrictions: Sleeping in rides, jungle mazes, or other amusement-type equipment or other confined areas shall be prohibited.

403.15.8 Supervision: For all overnight stays involving persons under the age of eighteen (18), adult supervision consisting of persons at least twenty-one (21) years of age shall be provided as follows:

One supervisor required[a]	Age group of children
for every 2 children	Greater than 2 1/2 years of age to less than 4 years of age
for every 4 children	4 years of age to less than 7 years of age
for every 8 children	7 years of age to less than 18 years of age

Note a: For groups of children of mixed ages:

1. A minimum of one supervisor is required, unless the threshold for a specific age group requires additional supervisors and

2. When the total number of children of any age exceeds 8 or when the total number of children less than 7 years of age exceeds 4 an additional supervisor shall be required. This condition applies even if the threshold of a specific age group has not been met.

3. For groups consisting of children of high school age, where the activity involves no planned period of sleep, supervision may be reduced to one adult for each twenty-five children, provided no separate group of children, regardless of number, is without adult supervision."

xix. A new Section 404.1.2, Hospitality room overnight stays, shall be added as follows: "404.1.2 Hospitality room overnight stays. Fire safety and evacuation plans for hospitality rooms shall comply with section 408.15."

xx. In Section 404.2.1, 3, the words "Section 3008 of the International Building Code" shall be deleted and the words "building subcode of the Uniform Construction Code" inserted.

xxi. In Section 405.1, General, "or when required by the fire code official" shall be deleted.

xxii. In Section 405.5, Record keeping, after "evacuation drills and," "unplanned evacuations to" shall be inserted.

xxiii. New Section 405.5.1, Casino Fire Command Center, shall be inserted as follows: "405.5.1 Casino Fire Command Center: The Casino Fire Command Center shall maintain a comprehensive log which shall include the information required in 405.5.1.1 and 405.5.1.2 below."

xxiv. New Section 405.5.1.1 shall be inserted as follows: "405.5.1.1 The name and signature of each employee on duty in the Fire Command Center along with the date and time of arrival and departure."

xxv. New Section 405.5.1.2 shall be inserted as follows: "405.5.1.2 A description of each incident occurring within the casino or hotel, including the date, time, location and action taken. An incident shall include, but not be limited to, fire, alarm activation, trouble signal, fire protection equipment malfunction, and any unrecorded communication pertaining to fire or life safety which is made to or from the Fire Command Center."

xxvi. Table 405.2, Fire and Evacuation Drill Frequency and Participation, shall be amended as follows:

(1) In row 6, Group E, insert "e" after the letter "a."

(2) In row 7, Group F shall be deleted in its entirety

(3) In row 8, Group I-1, in the Frequency column, insert a new second row above the existing and insert the text "Monthly to include"; in the Frequency column, insert a new second row above the existing containing the words "All occupants."

(4) In row 9, Group I-2, in the Frequency column, insert a new second row above the existing and insert the text "Monthly to include"; in the Frequency column, insert a new second row above the existing, and insert the words "All occupants."

(5) In row 10, Group I-3, in the Frequency column, insert a new second row above the existing and insert the text "Monthly to include"; in the Frequency column, insert a new second row above the existing, and insert the words "All occupants."

(6) In row 11, Group I-4, in the Frequency column, insert a new second row above the existing and insert the text "Monthly to include"; in the Frequency column, insert a new second row above the existing, and insert the words "All occupants."

(7) Insert new row 15 as follows: in the Group or occupancy column insert the words "Therapeutic Residences"; in the Frequency column, two rows shall be provided, in the upper row insert the words "Monthly to include", in the row beneath insert the words "Quarterly on each shift a"; in the Participation column, insert the text "All occupants".

(8) Insert new row 16 as follows: In the Group or occupancy column insert the words "High-rise Buildings"; in the Frequency column; insert the text "Annually"; in the Participation column insert the text "All occupants" b".

(9) Insert new row 17 as follows: In the Group or occupancy column insert the words "Casinos"; in the Frequency column insert the text "Annually"; in the Participation column insert the text "Employees".

(10) Insert new row 18 as follows: In the Group or occupancy column insert the words "Flammable liquid Terminals"; in the Frequency column; insert the text "Twice per year"; in the Participation column, insert the text "Employees".

(11) Insert new row 19 as follows: In the Group or occupancy column insert the words “Group Overnight Stay”; in the Frequency column; insert the text “At the start of each night’s activities”; in the Participation column, insert the text “All occupants”.

(12) Item B shall be relettered Item C. The old item C shall be deleted. The new item B shall read as follows: “b. Fire and evacuation drills in residential care assisted living facilities shall include complete evacuation of the premises in accordance with Sections 403.8.1.6 and 403.10.3.6. Where occupants receive habilitation or rehabilitation training, fire prevention and fire safety practices shall be included as part of the training program.”

(13) A new item E shall be inserted and read as follows: “e. One drill shall be an Emergency Evacuation drill, and one drill shall be a Lockdown drill.”

(14) The table should appear as follows:

“TABLE 405.2 FIRE AND EVACUATION DRILL FREQUENCY AND PARTICIPATION

GROUP OR OCCUPANCY	FREQUENCY	PARTICIPATION
Group A	Quarterly	Employees
Group B <sup>b</sup>	Annually	All occupants
Group B <sup>b,c</sup> (Ambulatory care facilities)	Annually	Employees
Group B <sup>b</sup> (Clinic, outpatient)	Annually	Employees
Group E	Two drills per month <sup>a,c</sup>	All occupants
Group I-1	Monthly to include	All occupants
	Semiannually on each shift	All occupants
Group I-2	Monthly to include	All occupants
	Quarterly on each shift <sup>a</sup>	Employees
Group I-3	Monthly to include	All occupants
	Quarterly on each shift <sup>a</sup>	Employees
Group I-4	Monthly to include	All occupants
	Quarterly on each shift <sup>a</sup>	All occupants
Group R-1	Quarterly on each shift	Employees
Group R-2 <sup>d</sup>	Four Annually	All occupants
Group R-4	Semiannually on each shift <sup>a</sup>	All occupants
Therapeutic Residences	Monthly to include	All occupants <sup>b</sup>
	Quarterly on each shift	Employees
High-Rise Buildings	Annually	All occupants <sup>b</sup>
Casinos	Twice per year	Employees
Flammable Liquid Terminals	Twice per year	Employees
Group Overnight Stays	At the start of each night’s activities	All occupants

a. In severe climates, the fire code official shall have the authority to modify the emergency evacuation drill frequency.

b. Fire and evacuation drills in residential care assisted living facilities shall include complete evacuation of the premises in accordance with Sections 403.8.1.6 and 403.10.3.6. Where occupants receive habilitation or rehabilitation training, fire prevention and fire safety practices shall be included as part of the training program.

c. 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.

d. Emergency evacuation drills in Group R-2 college and university buildings shall be in accordance with Section 403.10.2.1. Other Group R-2 occupancies shall be in accordance with Section 403.10.2.2.

e. One drill shall be an Emergency Evacuation drill, and one drill shall be a Lockdown drill.”

xxvii. In Section 407.1, General, after “under,” “Section 5001.5” shall be deleted and “N.J.A.C. 5:70-2.7 or LHU registration under N.J.A.C. 5:70.2.4” shall be inserted.

xxviii. In section 407.2, Material Safety Data Sheets, the word “Material” shall be deleted from the title and the first sentence, and the letter “M” shall be deleted from “(MSDS).” In Section 407.4, Training, the word “Material” shall be deleted in the last sentence.

xxix. New Section 408.15 shall be inserted as follows:

“408.15 HOSPITALITY ROOMS

408.15.1 Permit required: A separate permit shall be obtained for each non-consecutive overnight stay, not to exceed forty nine (49) nights in any calendar year. A facility that holds fifty (50) or more non-consecutive overnight stays within a calendar year shall be considered to have changed the use of the building or portion thereof if the activity involves planned periods of sleep and it shall be necessary to apply for and be issued a certificate of occupancy under the Uniform Construction Code for the new use.

408.15.2 Application: Each application for a permit shall include a fire safety and evacuation plan which shall include, but not be limited to, the following information:

1. Number of persons;
2. Number of adult supervisors;
3. Fire drill procedures;
4. Procedure for accounting for guests after evacuation has been completed;

5. The preferred means, and any alternative, for notifying guests of a fire or other emergency;

6. The preferred means, and any alternative, for reporting fires or other emergencies to the fire department or emergency response organization;

7. The type of fire protection system(s) provided; and

8. Floor plan per section 408.15.3.

408.15.3 Floor plan: A floor plan of the building, or portion thereof, to be occupied, which identifies the locations of the following:

1. Exits;
2. Proposed sleeping area;
3. Primary evacuation route;
4. Secondary evacuation route;
5. Accessible egress route(s), if available;
6. Fire alarm enunciator and control panel, if any; and
7. Manual fire alarm pull stations, if any.

408.15.4 Means of egress: The means of egress for the sleeping area shall comply with sections

408.15.4.1 through 408.15.4.4.

408.15.4.1 Exits: Two exits shall be required. A single exit is permitted from the story at the level of exit discharge when the occupant load of the story does not exceed 14 and the exit access travel distance does not exceed 75 feet.

408.15.4.2 Means of egress doorways: A minimum of two egress doorways shall be required for all rooms and spaces in which the travel distance exceeds 75 feet.

408.15.4.3 Means of egress lighting: Artificial lighting with an intensity of not less than one foot candle at floor level shall be available during all times that the conditions of occupancy of the building require that the exits be available. In all buildings, rooms or spaces required to have more than one exit or exit access, means of egress lighting shall be connected to an emergency electrical system conforming to the Uniform

Construction Code except that continuous illumination shall be required to be provided for not less than one hour in the case of primary power loss.

408.15.4.4 Illuminated exit signs: Illuminated exit signs shall be provided for all required means of egress in all buildings, rooms or spaces required to have more than one exit or exit access. Exit signs shall be visible from the exit access and supplemented by directional signs when necessary.

Exception: Approved main exterior doors that are clearly identified as exits are not required to have exit signs.

408.15.5 Automatic alarms: The building or fire area containing the hospitality room shall be provided with an approved automatic fire detection system consisting of smoke detectors installed in accordance with the Uniform Construction Code.

408.15.6 Fire drill: A fire drill shall be conducted in accordance with the approved fire safety and evacuation plan upon arrival of all guests.

408.15.7 Supervision: There shall be a minimum of two adult supervisors at all times the building is being used as a shelter. At least one supervisor shall remain awake at all times the hospitality room is in use. Each supervisor shall be at least eighteen (18) years of age and trained in accordance with section 406.3 for proper building evacuation."

5. Chapter 5, Fire Service Features, shall be amended as follows:

i. Section 501.2, Permits, shall be deleted in its entirety.

ii. In Section 501.3, Construction documents, "Construction documents. Construction Documents" shall be deleted and "Fire Access Plans. Fire access plans" shall be inserted. The comma following "access" shall be deleted and "or" shall be inserted following "access". "and construction documents and hydraulic calculations for fire hydrant systems" shall be deleted. "fire department" shall be deleted and "fire code official" shall be inserted.

iii. Section 503.1, Where required, through 503.1.3, High-piled storage, shall be deleted and rewritten as follows:

(1) In Section 503.1.1, Buildings and facilities, "Buildings and facilities" shall be deleted and the text of the section including exception 1 and 2 shall be deleted and the following text shall be inserted, "503.1.1 The fire code official may require and designate public or private fire lanes as deemed necessary for the efficient and effective operation of fire apparatus, access to building openings by firefighters or egress of occupants."

(2) New Section 503.1.1.1 shall be inserted as follows: "503.1.1.1 Proposed fire lanes shall not conflict with prior approvals issued by the planning and/or zoning boards unless the administrative authority for the planning and/or zoning board grants approval of the creation of the fire lane in writing."

(3) Section 503.1.2, Additional access, and Section 503.1.3, High piled storage, shall be deleted in their entirety.

(4) In Section 503.2.4, Turning radius, "inside" shall be inserted after "The required," "determined by the fire code official" shall be deleted and "a minimum of 25 feet" shall be inserted following "access road shall be".

(5) In Section 503.6, Security gates, "chief" shall be deleted and "code official" shall be inserted in lower case.

iv. In Section 504.1, Required access, "the International Building Code" shall be deleted and "the building subcode of the Uniform Construction Code" shall be inserted. "An approved access walkway leading from fire apparatus access roads to exterior openings shall be provided when required by the fire code official" shall be deleted.

v. In Section 504.2, Maintenance of exterior doors and openings, "required by the Uniform Construction Code" shall be inserted in the last sentence after "Access doors".

vi. In Section 504.3, Stairway access to the roof, the following text shall be deleted: "New buildings four or more stories [in height] above grade plane, except those with a roof slope greater than four units vertical in 12 units horizontal (33.3 percent slope), shall be provided with a stairway to the roof." "Section [1009.12] 1011.12." shall be deleted and "the Uniform Construction Code" shall be inserted following "in accordance with". "Where roofs are used for roof gardens or for other purposes, stairways shall be provided as required for such occupancy classification" shall be deleted.

vii. In Section 506.1.2 Key boxes for nonstandard fire service elevators keys, the text "N.J.A.C. 5:70-2.23," shall be inserted after the words "shall comply with".

viii. Section 507.1, Required water supply, shall be deleted in its entirety.

ix. In Section 507.5.1, Where required, the following text shall be deleted from Exception 1, "Group R3 and". The following text shall be inserted under new Exception 3. "3. Group R-2, R-3, R-4 or R-5 structures that received land use approvals pursuant to the Residential Site Improvement Standards, N.J.A.C. 5:21 shall be exempt from this section."

x. In Section 508.1, [Features] General, in the first sentence, "other sections of this code and in all buildings classified as high rise buildings by the International Building Code" shall be deleted and the following text shall be inserted, "the construction code in effect at the time of construction or N.J.A.C. 5:70-4.17" "Provided" shall be deleted and "maintained" shall be inserted.

xi. In Section [509.1] 508.1.1 Location and access, the following text, "be" shall be deleted and "not be modified unless" shall be inserted.

xii. Sections [509.1] 508.1.2 Separation, 508.1.3 Size, and 508.1.4 Layout approval, shall be deleted in its entirety.

xiii. In Section [509.1] 508.1.6 Required Features, following "The fire command center shall," "comply" shall be deleted and "be maintained in accordance" shall be inserted.

xiv. Section 510.2 Emergency responder radio coverage in existing buildings shall be deleted in its entirety.

xv. In Section 510.3 Permit required, "Section 105.7.5" shall be deleted, and the words "Uniform Construction Code" inserted.

6. Chapter 6, Building Services And Systems, shall be amended as follows:

i. In Section 601.1, Scope, after "installation," "of process equipment and the" shall be inserted.

ii. Section 601.2, Permits, shall be deleted in its entirety.

iii. In Section 603.1, Installation, "the International Fuel Gas Code" shall be deleted and "the fuel gas subcode of the Uniform Construction Code" shall be inserted. In Section 603.1, Installation, "International Mechanical Code" shall be deleted and "mechanical subcode of the Uniform Construction Code" shall be inserted.

iv. In Section 603.1.2, Approval, "International Fuel Gas Code and the International Mechanical Code" shall be deleted and "fuel gas subcode of the Uniform Construction Code and the mechanical subcode of the Uniform Construction Code" shall be inserted.

v. In Section 603.1.3, Electrical wiring and equipment "NFPA 70" shall be deleted and "electrical subcode of the Uniform Construction Code" shall be inserted.

vi. In Section 603.1.7, Clearances, "NFPA 70" shall be deleted and "the electrical subcode of the Uniform Construction Code shall be inserted.

vii. In Section 603.2, Chimneys, "International Building Code" shall be deleted and "building subcode of the Uniform Construction Code" shall be inserted. In Section 603.2 Chimneys, "International Mechanical Code" shall be deleted and "mechanical subcode of the Uniform Construction Code" shall be inserted.

viii. In Section 603.3, Fuel storage systems, "International Mechanical Code" shall be deleted and "mechanical subcode of the Uniform Construction Code" shall be inserted.

ix. In Section 603.3.2, "Sections 603.3.2.1 through 603.3.2.5" shall be deleted in its entirety.

x. The following sections shall be deleted in their entirety: Section 603.3.2.1, Quantity limits; Section 603.3.2.2, Restricted use and connection; Section 603.3.2.3, Applicability of maximum allowable quantity and control area requirements; Section 603.3.2.4, Installation; and Section 603.3.2.5, Tanks in basements.

xi. Section 603.4.2 shall be added as follows: 603.4.2 Sale of portable kerosene-fired heaters: Portable kerosene-fired heaters shall not be offered for sale unless a conspicuous sign is posted at the point of sale and display indicating that use of portable kerosene-fired heaters is prohibited in all buildings except one- and two-family dwellings. The sign shall be 12" (304.8 mm) by 12" (304.8mm), with a white background and red lettering at least 3/4" (19.05 mm) in height.

xii. In Section 603.5.2, Heating appliance installation and maintenance “International Building Code, the International Mechanical Code, the International Fuel Gas Code and the NFPA 70” shall be deleted and “building subcode, mechanical subcode, fuel gas subcode and the electrical subcode of the Uniform Construction Code” shall be inserted.

xiii. In Section 603.6.1, Masonry chimneys, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xiv. In Section 603.8, Incinerators, “International Building Code, the International Fuel Gas Code and the International Mechanical Code” shall be deleted and “building subcode, fuel gas subcode, and the mechanical subcode of the Uniform Construction Code” shall be inserted.

xv. New Section 603.8.8, Incinerator operations, shall be inserted as follows: “603.8.6 Incinerator operations. All incinerator operations shall be subject to the following restrictions, and a sign of permanent design furnished by the owner shall be posted in a conspicuous location at or near the incinerator to inform the operators of said restrictions:

1. Fuel-fired incinerators shall be preheated 30 minutes before utilization.

2. Only competent operators shall be assigned to operate the incinerator.

3. After loading the main combustion chamber, the feed door shall be closed until the combustion cycle is complete.

4. The waste material ash compartment shall be cleaned regularly.

5. Waste matter shall not be burned, under permit or otherwise, when such matter will cause or create a dense smoke or odor upon burning.”

xvi. In Section 604.1, General, the text “international Building Code” shall be deleted and the words “building subcode of the Uniform Construction Code” shall be inserted.

xvii. In Section 604.1.2, Installation, “International Building Code, NFPA 70, NFPA 110 and NFPA 111” shall be deleted and “the building subcode, and the electric subcode of the Uniform Construction Code” shall be inserted.

xviii. In Section 604.1.7, Group I-2 occupancies, the words “International Building Code” shall be deleted and the words “building subcode of the Uniform Construction Code” inserted.

xix. The following sections shall be deleted in their entirety: Section 604.1.1, Stationary generators; Section 604.2, Where required; Section 604.2.1, Elevators and platform lifts; Section 604.2.2, Emergency alarm systems; Section 604.2.3, Emergency responder radio coverage systems; Section 604.2.4, Emergency voice/alarm systems; Section 604.2.5, Exit signs; Section 604.2.6, Group I-2 occupancies; Section 604.2.7, Group I-3 occupancies; Section 604.2.8, Hazardous materials; Section 604.2.9, High-rise buildings; Section 604.2.10, Horizontal sliding doors; Section 604.2.11, Hydrogen fuel gas rooms; Section 604.2.12, Means of egress illumination; Section 604.2.13, Membrane structures; Section 604.2.14 Semiconductor fabrication facilities; Section 604.2.15, Smoke control systems; and Section 604.2.16, Underground buildings.

xx. New Section 604.4.1.1, Testing, shall be inserted as follows: “604.4.1.1 Testing. Required emergency lighting systems, including exit signs, shall be tested for proper operation for a minimum of 30 seconds every month. An annual test shall be conducted for existing installations. Backup power shall be maintained in accordance with the original approval, for at least 1 hour or 90 minutes. Equipment shall function properly for the duration of these tests.”

xxi. New Section 604.4.1.2, Battery system, shall be inserted as follows: “604.4.1.2. Battery system. Where battery systems or unit equipment are involved, including batteries utilized for starting, control or ignition in auxiliary engines, routine maintenance shall be provided in accordance with the manufacturer’s specifications.”

xxii. New Section 604.4.1.3 Emergency generators, shall be inserted as follows: “604.4.1.3 Emergency generators. Required emergency generators shall be tested at least annually in accordance with the manufacturer’s specifications under anticipated load conditions.

1. Transition test. A transition test shall be conducted annually to ensure that the transfer time from normal power to emergency power is 10 seconds or less.

2. Fuel supply. Where internal combustion engines are utilized as the prime mover for an emergency generator, an on-site fuel supply shall be provided sufficient for not less than 2 hours full-demand operation of the system.”

xxiii. In Section 604.6, Emergency lighting equipment, the words “and exit signs” shall be inserted after the text “Emergency lighting”; and the following new text inserted as follows: “All emergency lighting fixtures and components shall be maintained unobstructed, operable, and properly aimed to provide adequately illumination. Where obstructed, misaligned or inoperable, they shall be immediately repaired.”

xxiv. Section 604.6.2, Power test and Section 604.6.2.1, Power test record, shall be deleted.

xxv. In Section 605.1, Abatement of electrical hazards, “responsible code official” shall be deleted and “electrical subcode of the Uniform Construction Code” shall be inserted. After “used,” “All electrical wiring, devices, appliances and other equipment shall be maintained in accordance with the provisions of the electrical subcode of the New Jersey Uniform Construction Code and this subchapter.” shall be inserted.

xxvi. In Section 605.3, Working space and clearance, Exception, 1, after “allowed by,” “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code.” shall be inserted.

xxvii. In Section 605.4, Multiplug adapters, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xxviii. In Section 605.9, Temporary wiring, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xxix. Section 605.11, Solar photovoltaic power systems, the words “International Building Code or International Residential Code and NFPA 70” shall be deleted, and the text “building subcode, residential subcode and the electrical subcode of the Uniform Construction Code” be inserted.

xxx. The following sections shall be deleted in their entirety: Section 605.11.1.2, Solar photovoltaic systems for Group R-3 buildings; Section 605.11.1.2.1, Size of solar photovoltaic array; Section 605.11.1.2.2, Hip roof layouts; Section 605.11.1.2.3, Single ridge roofs; Section 605.11.2.4, Roofs with hips and valleys; and Section 605.11.1.2.5, Allowance for smoke ventilation.

xxxi. In Section 605.11.2, Ground-mounted photovoltaic arrays, the sentence “Setback requirements shall not apply to ground-mounted, free-standing photovoltaic arrays,” shall be deleted.

xxxii. New Section 605.13, Unused equipment, shall be inserted as follows: “605.13 Unused equipment. All unused fixtures, circuits, wiring and electrical devices or fixtures shall be removed or properly secured in place and maintained.”

xxxiii. In Section 606.1, Scope; Section 606.2, Refrigerants; Section 606.3, Refrigerant classification; Section 606.4, Change in refrigerant type; Section 606.7, Emergency signs; Section 606.8, Refrigerant detector, and Section 606.9 Remote controls, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xxxiv. In Section 606.16, Electrical equipment, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted. In the Exception, “Section 1106.3.20 of the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xxxv. Section 607.1, Emergency operation, the words “New elevators shall be provided with Phase I emergency recall operation and phase II emergency in-car operation in accordance with ASME A17.1” shall be deleted.

xxxvi. In Sections 607.3, Emergency signs; Exception 2, “Section 3008 of the International Building Code”; Section 607.4, Fire service access elevator lobbies, “Section 3007 of the International Building Code”; Section 607.5, Occupant evacuation elevator lobbies, “Section 3008 of the International Building Code”; and in Section 607.6, Water protection of hoistway enclosures, the words “Section 3007.4 and Section 4 of the International Building Code” shall be deleted and the

words “the building subcode of the Uniform Construction Code” inserted.

xxxvii. In Sections 607.8.2, Access to standardized fire service keys, the text shall be added after “5”. “6. Where required Elevator key lock boxes shall comply with N.J.A.C. 5:70-2.23.”

xxxviii. In Section 608.4, Room design and construction, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xxxix. In Section 608.6.1, Room ventilation, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted. In Section 608.6.1, 2 exception, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xl. In Section 608.8, Seismic protection, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xli. In Section 608.9, Smoke detection, “installed” shall be deleted and “maintained” shall be inserted.

xlii. In Section 609.1, General, “including those in mobile enclosed units” shall be inserted after “exhaust hoods” and “comply” shall be deleted and “be maintained in accordance” shall be inserted. Also, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code and NFPA 96” shall be inserted.

xliii. In Section 609.3.3, Cleaning, the following text shall be deleted after the word “interval” “as required by” and the following text inserted “specified in the cleaning schedule required by Section 609.3.3.1.1. Thorough cleaning of ducts, hoods and fans shall require scraping, brushing or other positive cleaning methods in compliance with”.

xliv. In Section 609.3.3.3, Records, the following text shall be inserted after the words “of the inspection”: “identifying all areas and parts of ventilation system that were cleaned”.

xlv. In Section 609.3.3.3.1, Tags, the words “or cleaned” shall be inserted after the words “is inspected”.

xlvi. New Section 609.3.3.1.1, Cleaning schedule, shall be inserted as follows: “609.3.3.1.1, Cleaning schedule. Where a cleaning schedule is not on file, the fire official shall require a schedule to be submitted, indicating the method of cleaning and the time intervals between cleanings.”

xlvii. In Section 610.6, Heating of cooking oil, the words “NFPA 70” shall be deleted and the words “electrical subcode of the Uniform Construction Code” shall be inserted; in Section 610.7, Electrical equipment, the words “NFPA 70” shall be deleted and the words “electrical subcode of the Uniform Construction Code” shall be inserted.

7. Chapter 7, Fire-Resistance-Rated Construction, shall be amended as follows:

i. In Section 701.1, Scope, the words “International Building Code” shall be deleted and the following text inserted: “building subcode of the Uniform Construction Code.”

ii. In Section 701.2, Unsafe Conditions, the text in the first sentence after the words “an unsafe condition in accordance with Section 110.1.1” shall be deleted and replaced with the text “a violation of this code”. The word “unsafe” in the second sentence shall be deleted and replaced with the words “in violation”. In the third sentence, the word “danger” shall be deleted and replaced with the word “hazard” immediately following the word “imminent”. Third sentence, the words “Section 110.2” shall be replaced with “N.J.A.C. 5:70-2.10”.

iii. In Section 703.2, Opening protectives, the following text shall be inserted after the word “inoperable”, “Door stops, wedges and other unapproved hold-open devices shall be prohibited.”

iv. In Section 703.2.2, Hold-open devices and closers, the following text shall be inserted before the first sentence starting with the word “hold-open,” “Approved self-closing”. The following text shall be inserted following the second sentence after the word “position,” “Where it is desired to keep the doors open, an automatic-closing device actuated by automatic fire detectors shall be provided in accordance with the building subcode of the Uniform Construction Code”.

v. In Section 704.1, Enclosure, the words “Chapter 11” shall be deleted and replaced with the text “in the construction code in effect at

the time of construction or N.J.A.C. 5:70-4 as applicable.” And the words “International Building Code” shall be deleted and replaced with the text “building subcode of the Uniform Construction Code”.

8. Chapter 8, Interior Finish, Decorative Materials And Furnishings, shall be amended as follows:

i. In Section 801.1, Scope, the words “Section 803 of the International Building Code” shall be deleted and replaced with the text “the building subcode of the Uniform Construction Code.”

ii. In Section 803.1, General, shall be deleted in its entirety and replaced with the following text “Section 803.1 General. The interior finish and trim shall be maintained in accordance with the requirements of N.J.A.C. 5:23, the *Uniform Construction Code* or N.J.A.C. 5:70-4 the *Uniform Fire Code, Fire Safety Code* as applicable. Any interior finish or trim installed without a permit issued in accordance with N.J.A.C. 5:23 the *Uniform Construction Code* shall be removed.”

iii. The following sections shall be deleted in their entirety: 803.1.1, Classification in accordance with ASTM E 84; 803.1.2, Classification in accordance with NFPA 286; 803.1.2.1, Acceptance criteria for NFPA 286; 803.2, Stability; 803.3, Interior finish requirements based on occupancy; 803.4, Fire retardant coatings; 803.5, Textiles; 803.5.1, Textile wall or ceiling coverings; 803.5.1.1, Method B. test protocol; Section 803.5.2, Newly introduced textile wall and ceiling coverings; 803.6, Expanded vinyl wall or ceiling coverings; and Section 803.7, Facings or wood veneers intended to be applied on site over a wood substrate.

iv. Table 803.3, Interior Wall And Ceiling Finish Requirements By Occupancy, shall be deleted in its entirety.

v. Section 803.8.1, Combustibility characteristics, the phrase “in Section 2603.9 of the International Building Code” shall be deleted and replaced with the text “in the building subcode of the Uniform Construction Code”.

vi. Section 803.8.2, Thermal Barrier, the following shall be deleted “Section 2603.4 of the International Building Code” and replaced with “the building subcode of the Uniform Construction Code.”

vii. The following sections shall be deleted in their entirety: Section 803.9, High-density polyethylene (HDPE) and polypropylene (PP); and Section 803.10, Site-fabricated stretch systems.

viii. Section 804, Interior Wall and Ceiling Trim and Interior Floor Finish in New and Existing Buildings, the following text shall be deleted, “In New and Existing” and Section 804 shall be deleted in its entirety except for the following; Section 804.2, Foam plastic; Section 804.2.1, Density; Section 804.2.2, Thickness; Section 804.2.3, Area limitation; and Section 804.2.4, Flame spread.

ix. In Section 805, Upholstered Furniture And Mattresses In New And Existing Buildings, the following text shall be deleted, “In New And Existing Buildings.”

x. In Section 806 Decorative Vegetation in New and Existing Buildings, the text “In New and Existing Buildings” shall be deleted.

xi. In Section 806.1.1, Restricted occupancies, the following text shall be deleted, “within ambulatory care facilities and Group A, E, I-1, I-2, I-3, I-4, M, R-1, R-2 and R-4 occupancies” and the following text shall be inserted, “in all occupancies”. In Section 806.1.1, Restricted Occupancies, Exception, 1. The following text shall be deleted, “in Groups A, E, M, R-1 and R-2.”

xii. In Section 806.3, Obstruction of Means of Egress, after “vegetation,” the “and the decorative vegetation shall not be placed near any stairway or elevator shaft” shall be inserted.

xiii. New Section 806.6, Show windows, shall be inserted as follows: “806.6 Show windows. “Decorative vegetation and wreaths shall not be used for decorative purposes in show windows or other parts of buildings in such a quantity as to constitute a fire hazard unless such material is flameproofed in an approved manner.”

xiv. New Section 806.7, Under-tree decorations, shall be inserted as follows: “806.7 Under-tree decorations. No flammable decorations, combustible tree skirts or decorative gift packages may be placed on or under or around decorative vegetation. This restriction does not apply to decorative vegetation displayed in a sprinklered building.”

xv. New Section 806.8, Holiday wreaths, shall be inserted as follows: “806.8 Holiday wreaths: Holiday wreaths shall be permitted in any

building but such wreaths shall not exceed 10 percent of the aggregate wall area of any room or space.”

xvi. New Section 806.9, Live trees, shall be inserted as follows: “806.9 Live trees: Live trees include any container grown balled and burlapped or balled and potted tree that has been uprooted, its roots protected by an earthen ball and maintained in a fresh, hardy condition. Live trees shall be displayed in a manner that does not allow the tree to become dry, and any tree which becomes dry, brittle, or show signs of dying, shall be removed from the building.”

xvii. New Section 806.10, Powers of enforcing agency, shall be inserted as follows: “806.10 Powers of enforcing agency: The appropriate enforcing agency or fire official shall approve the placement of a live or natural cut tree in a public or commercial building, may limit the number of trees in any building, and may order the removal of a tree from a building or occupancy if the fire official determines that the condition of the tree poses a safety hazard.”

xviii. In Section 807 Decorative Materials Other than Decorative Vegetation In New and Existing Buildings, the words “In New and Existing Buildings” shall be deleted.

xix. In Sections 807.3, Combustible Decorative Materials, Exceptions 1, the words “in accordance with Section 903.3.1.1” shall be deleted, and the words “Section 803.11 of the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” inserted. Exception 2 the words “Section 903.3.1” shall be deleted and replaced with the text “Uniform Construction Code”. Exception 3 shall be deleted in its entirety.

xx. In Section 807.5.1.2, Motion Picture screen, the words “Section 803 of the International Building Code shall be deleted and replaced with the text “the building subcode of the Uniform Construction Code.”

xxi. In Section 807.5.2.1, Storage in corridors and lobbies, Exception 1, the words “Section 903.1.” shall be deleted and replaced with the text “Uniform Construction Code.”, in Exception 2, the words “Section 907” shall be deleted and replaced with the text “Uniform Construction Code.”

xxii. In Section 807.5.3.1, Group I-1 and I-2 Condition 1 within units, the words “Section 903.3.1.1” shall be deleted and the words “Uniform Construction Code” inserted.

xxiii. In Section 807.5.3.2, Group I-1 and I-2 Condition 1 for areas other than within units, the words “Section 903.3.1.1” shall be deleted and the words “Uniform Construction Code” inserted.

xxiv. In Section 807.5.5.1, Storage in corridors and lobbies, Exception 1 the words “Section 903.3.1.1” shall be deleted and replaced with “Uniform Construction Code.” Exception 2 the words “Section 907” shall be deleted and replaced with “Uniform Construction Code.”

xxv. In Section 808, Furnishings Other Than Upholstered Furniture and Mattresses or Decorative Materials In New and Existing Buildings, the words “In New and Existing Buildings” shall be deleted.

xxvi. In Section 808.1, the following shall be deleted “Table 509 of the International Building Code” and replaced with “the building subcode of the Uniform Construction Code.”

xxvii. In Section 808.4, Combustible lockers, Exception, the number “803.1.1” shall be deleted, and replaced with the number “803.1”.

Chapter 9, Fire Protection Systems, shall be amended as follows:

i. In Section 901.1, Scope, after “this chapter shall,” the following text shall be deleted, “specify where fire protection systems are required and shall.” Before inspection, “design, installation” shall be deleted.

ii. Section 901.2, Construction documents, shall be deleted in its entirety.

iii. Section 901.2.1, Statement of compliance, shall be deleted in its entirety.

iv. Section 901.3, Permits, shall be deleted in its entirety.

v. In Section 901.4, Installation, after “that system,” the following text shall be deleted, “Required systems shall be extended, altered, or augmented as necessary to maintain and continue protection whenever the building is altered, remodeled or added to. Alterations to fire protection systems shall be done in accordance with applicable standards” and the following text shall be inserted, “Before any fire alarm, detection or fire suppression system is installed, enlarged or extended, a permit shall be obtained from the construction official.”

vi. In Section 901.4.1, Required fire protection systems, shall be deleted and shall be replaced with, “901.4.1 Fire protection systems. All fire protection systems shall be maintained in an operative condition at all times. An owner or occupant shall not reduce the effectiveness of the protection so required. This requirement shall not prohibit the owner or occupant from temporarily reducing or discontinuing the protection where necessary to make tests, repairs, alterations or additions. The fire official shall be notified before disconnection or interruption of protection and when tests, repairs, alterations or additions are started and upon completion of such work. The fire official shall be advised of the extent of and reason for such work, and the restoration of the protection shall be diligently pursued.”

vii. Section 901.4.2 Nonrequired fire protection systems, shall be deleted and shall be replaced with, “901.4.2 Fire protection system removal. Any fire protection system providing partial or redundant protection originally installed to protect a special hazard that no longer exists and that is not required in accordance with the current Uniform Construction Code, is allowed to be removed with the approval of the Fire Subcode Official and Fire Official. All disconnected equipment and devices, such as pull stations, nozzles, detectors, sprinklers, sensors, panels and hose connections, shall be removed so as not to give a false indication that the structure, area or space is protected.”

viii. Section 901.4.3, Fire areas, the text, “Section 707 of the International Building Code”, Section 711 of the International Building Code”, and “Section 707.3.10 of the International Building Code” shall be deleted, and the text “the building subcode of the Uniform Construction Code” shall be inserted.

ix. Section 901.4.4, Additional fire protection systems, shall be deleted in its entirety.

x. Section 901.5, Installation acceptance testing, shall be deleted in its entirety.

xi. Section 901.5.1, Occupancy, shall be deleted in its entirety.

xii. In Section 901.6, Inspection, testing and maintenance, following “Inspection, testing and maintenance,” “Any installed” shall be inserted; following “Fire detection, alarm, and extinguishing systems, mechanical smoke exhaust systems, and smoke and heat vents,” “whether in a permanent structure or a mobile enclosed unit” shall be inserted. In addition, the last sentence shall be deleted.

xiii. Section 901.6.2 Records. Records of all system inspections, tests and maintenance required by the referenced standards shall be maintained on the premises for a minimum of three years and forwarded to the Fire Official within five business days of the inspection. All inspection reports shall list deficiencies based on the edition of the referenced standard in effect at the time of installation, with non-required recommendations listed separately.

xiv. Section 901.6.2.1, Records information, shall be deleted in its entirety.

xv. A new Section 901.6.3, Carbon Monoxide Alarms, shall be added as follows: “Section 901.6.3 Carbon Monoxide Alarms. Carbon monoxide alarms shall be maintained in accordance with NFPA 720 and the manufacturer’s instructions.”

xvi. A new Section 901.6.4, Testing of backflow preventers, shall be added as follows: “901.6.4 Testing of backflow preventers. Backflow preventers that are designed to be field tested shall be tested annually in accordance with NFPA 25. The fire official shall accept a current Certificate of Compliance issued in accordance with the Uniform Construction Code. This Compliance Certificate shall satisfy the requirement for the backflow preventer backflow test only. This provision notwithstanding, the fire official shall require a forward flow test to determine that proper water supply is being maintained for system demand.”

xvii. In Table 901.6.1, Fire Protection System Maintenance Standards, in column “Standard” insert “a” following NFPA 25 and “b” following NFPA 72, and “c” following both NFPA 17 and NFPA 17A. Insert two rows following NFPA 2001 as follows:

Under “SYSTEM”  
“Smoke Control Systems

Under “STANDARD”  
NFPA 92”

“Smoke and Heat Vents	NFPA 204”
“Carbon Monoxide Warning Equipment	NFPA 720”

Following Table 901.6.1, insert the following text:

“a. The reference to NFPA 25 includes the mandatory use of the forms complying with Annex B of NFPA 25.”

“b. The reference to NFPA 72 specifically excludes Section 11.7.8.2.”

“c. The reference to NFPA 17 and NFPA 17A requires that every permitted and certified contractor in the non-water based kitchen fire suppression system industry utilize one standardized form for documenting inspections, testing and maintenance of non-water based kitchen fire suppression systems. In addition, each permitted and certified contractor in the non-water based kitchen fire suppression system industry is required to provide a copy of the completed form to both the owner or occupant and the local fire code enforcement official within five business days of inspection, testing and maintenance. The template of this form is set forth at Appendix N of this code.”

xviii. In Section 901.7, Systems out of service, before “the fire code official,” “required by” shall be deleted and after “the fire code official,” “determines that an imminent hazard exists pursuant to N.J.A.C. 5:70-2.16,” shall be inserted. After “evacuated,” “in accordance with N.J.A.C. 5:70-2.17” shall be inserted.”

xix. In Section 901.7.4, Preplanned impairment programs, in 4, before “the fire department,” “the fire official and” shall be inserted and “has” shall be replaced with “have”.

xx. In Section 901.8, Removal of or tampering with equipment, after “unlawful for any person to,” “interfere with the effectiveness of,” shall be inserted.

xxi. In Section 903, Automatic Sprinkler Systems, the following sections shall be deleted in their entirety: Section 903.1.1, Alternative protection; Section 903.2, Where required; Section 903.2.1, Group A; Section 903.2.1.1, Group A-1; Section 903.2.1.2, Group A-2; Section 903.2.1.3, Group A-3; Section 903.2.1.4, Group A-4; Section 903.2.1.5, Group A-5; Section 903.2.1.6, Assembly occupancies on roofs; Section 903.2.1.7, Multiple fire areas; Section 903.2.2, Ambulatory care facilities; Section 903.2.3, Group E; Section 903.2.4, Group F-1; Section 903.2.4.1, Woodworking operations; Section 903.2.5, Group H; Section 903.2.5.1, General; Section 903.2.5.2, Group H-5 occupancies; Table 903.2.5.2, Group H-5 Sprinkler Design Criteria; Section 903.2.5.3, Pyroxylin plastics; Section 903.2.6, Group I; Section 903.2.7, Group M; and Section 903.2.7.1, High-piled storage.

xxii. The following sections shall be deleted in their entirety: Section 903.2.8, Group R; Section 903.2.8.1, Group R-3; Section 903.2.8.2, Group R-4 Condition 1; Section 903.2.8.3, Group R-4 Condition 2; Section 2.8.3.1, Attics used for living purposes, storage or fuel-fired equipment; Section 903.2.8.3.2, Attics not used for living purposes, storage or fuel-fired equipment; Section 903.2.8.4, Care facilities; Section 903.2.9, Group S-1; Section 903.2.9.1, Repair garages; Section 903.2.9.2, Bulk storage of tires; Section 903.2.10, Group S-2 enclosed parking garages; Section 903.2.10.1, Commercial parking garages; Section 903.2.11, Specific buildings areas and hazards; Section 903.2.11.1, Stories without openings; Section 903.2.11.1.1, Opening dimensions and access; Section 903.2.11.1.2, Openings on one side only; Section 903.2.11.1.3, Basements; Section 903.2.11.2, Rubbish and linen chutes; Section 903.2.11.3, Buildings 55 feet or more in height; Section 903.2.11.4, Ducts conveying hazardous exhausts; Section 903.2.11.5, Commercial cooking operations; Section 903.2.11.6, Other required suppression systems; Section 903.2.12, During construction; and Table 903.2.11.6, Additional Required Fire Suppression Systems.

xxiii. The following sections shall be deleted in their entirety: Section 903.1.1.1, Exempt locations; Section 903.3.1.1.2 Bathrooms; Section 903.3.1.2, NFPA 13R sprinkler systems; Section 903.3.1.2.1, Balconies and decks; Section 903.3.1.2.2, Open-ended corridors; Section 903.3.1.3, NFPA 13D sprinkler systems; and Section 903.3.2, Quick-response and residential sprinklers.

xxiv. In Section 903.3.3, Obstructed locations, “installed” shall be deleted and “maintained” shall be inserted in the first and second sentence. In the second sentence, “required by the Uniform Construction

Code in effect at the time of construction” shall be inserted following “Automatic sprinklers.”

xxv. The following sections shall be deleted in their entirety: Section 903.3.4, Actuation; Section 903.3.5, Water supplies; Section 903.3.5.1, Domestic services; Section 903.3.5.2, Residential combination services; Section 903.3.7, Fire department connections; Section 903.3.8, Limited area sprinkler systems; Section 903.3.8.1, Number of sprinklers; Section 903.3.8.2 Occupancy hazard classification; and Section 903.3.8.3, Piping arrangement.

xxvi. In Section 903.4, Sprinkler system supervision and alarms, following “electrically supervised,” “in accordance with the code in effect at the time of construction or N.J.A.C. 5:70-4.” shall be inserted. In Section 903.4 exception, in item 2, Limited area sprinkler systems, the text “Section 903.3.8” shall be deleted, and the text “in accordance with the code in effect at the time of construction or N.J.A.C. 5:70-4.” shall be inserted.

xxvii. In Section 903.4.1, Monitoring, Exceptions, item 2, the following text shall be deleted: “In occupancies required to be equipped with a fire alarm system, the backflow preventer valves shall be electrically supervised by a tamper switch installed in accordance with NFPA 72 and separately annunciated.”

xxviii. In Section 903.4.2, Alarms, following “An approved audible device,” the text “shall be maintained,” shall be inserted, and following “approved location” the following text shall be inserted “in accordance with the construction code in effect at time of construction or N.J.A.C. 5:70-4, and”.

xxix. Section 903.4.3 Floor control valves, shall be deleted in its entirety.

xxx. In Section 903.6, Where required in existing buildings, “Where required in existing buildings” shall be deleted and the text of the section shall be deleted and the following text shall be inserted, “Placarding. Hydraulically calculated sprinkler systems shall be placarded in accordance with N.J.A.C. 5:23-3.5, 3.17 and 4.5 of the Uniform Construction Code for Form F380”.

xxxi. In Section 904.1, General, “designed, installed,” shall be deleted; Section 904.1.1, Certification of service personnel for fire-extinguishing equipment, shall be deleted.

xxxii. Section 904.2, Where permitted, shall be deleted; and Section 904.2.1, Restriction on using automatic sprinkler system exceptions or reductions, shall be deleted.

xxxiii. In Section 904.2.2, Commercial hood and duct systems, the text “including mobile enclosed cooking operations” shall be inserted following “Type I hood.” In the same sentence, “protected with an approved automatic fire extinguishing system installed” shall be deleted and “maintained” shall be inserted.

xxxiv. In Section 904.3, Installation, following “in accordance with,” “this section” shall be deleted and “the fire subcode of the Uniform Construction Code” shall be inserted.

xxxv. The following sections shall be deleted in their entirety: Section 904.3.1, Electrical wiring; Section 904.3.2, Actuation; Section 904.4, Inspection and testing; Section 904.4.1, Inspection; Section 904.4.2, Alarm testing; Section 904.4.2.1, Audible and visible signals; and Section 904.4.3, Monitor testing.

xxxvi. In Section 904.3.3, System interlocking, following “systems shall be,” “provided” shall be deleted and “maintained” shall be inserted.

xxxvii. In Section 904.5, Wet-chemical systems, “installed” shall be deleted.

xxxviii. In Section 904.6, Dry chemical systems, “installed” shall be deleted.

xxxix. In Section 904.7, Foam systems, “installed” shall be deleted.

xl. Section 904.8, Carbon dioxide systems, “installed” shall be deleted.

xli. New Section 904.8.6, Total Flooding systems, shall be inserted as follows: “904.8.6 Total Flooding systems: In any use of carbon dioxide systems where there is a possibility that personnel will be trapped in, or enter into, an atmosphere made hazardous by a discharge, warning signs, discharge alarms and breathing apparatus, when provided, shall be maintained to insure prompt evacuation of and to prevent entry into such atmospheres and also to provide means for prompt rescue of any trapped personnel.”

xlii. In Section 904.9, Halon systems, “installed” shall be deleted.

xliii. New Section 904.9.5, Total flooding systems, shall be inserted as follows: “904.9.5 Total Flooding systems: In any use of halon total flooding systems where there is a possibility that personnel will be trapped in, or enter into, an atmosphere made hazardous by a discharge, warning signs, discharge alarms and breathing apparatus, when provided, shall be maintained to insure prompt evacuation of and to prevent entry into such atmospheres and also to provide means for prompt rescue of any trapped personnel.”

xliv. In Section 904.10, Clean-agent systems, “installed” shall be deleted.

xlv. Section 904.11, Automatic water mist systems, the text shall be deleted in its entirety and replaced with, “Automatic water mist systems shall be tested and maintained in accordance with Section 901.6 and NFPA 25.” The following sections shall be deleted: Section 904.11.1.1, General; Section 904.11.1.2, Actuation; Section 904.11.1.3, Water supply protection; Section 904.11.1.4, Secondary water supply; Section 904.11.2, Water mist system supervision and alarms; Section 904.11.2.1, Monitoring; Section 904.11.2.2, Alarms; Section 904.11.2.3 Floor control valves; and Section 904.11.3, Testing and maintenance.

xlvi. In Section 904.12, Commercial cooking operations, in the exception delete the text, “Section 304.1 of the International Mechanical Code,” and insert the text, “the mechanical subcode of the Uniform Construction Code.”

xlvii. Section 904.12.3, Carbon dioxide systems, shall be deleted.

xlviii. In Section 904.12.6, Operations and maintenance, “including mobile enclosed cooking operations” shall be inserted following “Commercial cooking systems.”

xlix. In Section 904.13, Domestic cooking systems in Group I-2 Condition 1, the text “Section 407.2.6 of the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

1. In Section 905.1, General, the text, “Standpipe systems shall be provided in new buildings and structures in accordance with Section 905.2 through 905.10. In buildings used for high-piled combustible storage, fire protection shall be in accordance with Chapter 23,” shall be deleted and the text, “Fire hose threads used in connection with standpipe systems shall be approved and shall be compatible with fire department hose threads, and maintained in accordance with NFPA 25” inserted.

ii. In Section 905 Standpipe Systems, the following sections shall be deleted in their entirety: Section 905.2, Installation standard; Section 905.3, Required installations; Section 905.3.1, Height; Section 905.3.2, Group A; Section 905.3.3, Covered and open mall buildings; Section 905.3.4, Stages; Section 905.3.4.1, Hose and cabinet; Section 905.3.5, Underground buildings; Section 905.3.6, Helistops and heliports; Section 905.3.7, Marinas and boatyards; Section 905.3.8, Rooftop gardens and landscaped roofs; Section 905.4, Location of Class I standpipe hose connections; Section 905.4.1, Protection; Section 905.4.2, Interconnection; Section 905.5, Location of Class II standpipe hose connections; Section 905.5.1, Groups A-1 and A-2; Section 905.5.2, Protection; Section 905.5.3, Class II system 1 inch hose; Section 905.6, Location of Class III standpipe hose connections; Section 905.6.1, Protection; and Section 905.6.2, Interconnection.

iii. The following sections shall be deleted in their entirety: Section 905.8, Dry standpipes; Section 905.9, Valve supervision; Section 905.10, During construction; and Section 905.11, Existing buildings.

In Section 906.1, Where required, after exception 1, add the following text: “2. In Group A, B and E occupancies equipped throughout with quick response sprinklers, portable fire extinguishers shall be required only in locations specified in items 2 through 6”.

liii. In Section 907.1 General, after “This section covers,” the following text shall be deleted, “application, installation,” after “new and existing buildings and structures.” the following text shall be deleted, “The requirements of Section 907.2 are applicable to new buildings and structures. The requirements of Section 907.3 are applicable to existing buildings and structures.”

liv. The following sections shall be deleted in their entirety: Section 907.1.1, Construction documents; Section 907.1.2, Fire alarm shop drawings; Section 907.1.3, Equipment; Section 907.2, Where required-

new buildings and structures; Section 907.2.1, Group A; Section 907.2.1.1, System initiation in Group A occupancies with an occupant load of 1,000 or more; Section 907.2.1.2, voice/ alarm communication system captions; Section 907.2.2, Group B; Section 907.2.2.1, Ambulatory care facilities; Section 907.2.3, Group E; Section 907.2.4, Group F; Section 907.2.5, Group H; Section 907.2.6, Group I; Section 907.2.6.1, Group I; Section 907.2.6.1.1, Smoke alarms; Section 907.2.6.2, Group I-2; Section 907.2.6.3, Group I-3; Section 907.2.6.3.1, System initiation; Section 907.2.6.3.2, Manual fire alarm boxes; Section 907.2.6.2.1 Manual fire alarms boxes in detainee areas; Section 907.2.6.3.3, Automatic smoke detection systems; Section 907.2.7, Group M; Section 907.2.7.1, Occupant notification; Section 907.2.8, Group R-1; Section 907.2.8.1, Manual fire alarm system; Section 907.2.8.2, Automatic fire alarm system; Section 907.2.8.3, Smoke alarms; and Section 907.2.9, Group R-2.

lv. The following sections shall be deleted in their entirety: Section 907.2.9.1, Manual Fire Alarm system; Section 907.2.9.2, Smoke alarms; Section 207.2.9.3, Group R-2 college and university buildings; Section 907.2.10, Group R-4; Section 907.2.10.1, Manual fire alarm system; Section 907.2.10.2, Automatic smoke detection system; Section 907.2.10.3, Smoke alarms; Section 907.2.11, Single and multiple station smoke alarms; Section 907.2.11.1, Group R-1; Section 907.2.11.2, Groups R-2, R-3, R-4 and I-1; Section 907.2.11.3, Installation near cooking appliances; Section 907.2.11.4, Installation near bathrooms; Section 907.2.11.5, Interconnection; Section 907.2.11.6, Power source; Section 907.2.11.7, Smoke detection system; 907.2.12, Special amusement buildings; Section 907.2.12.1, Alarm; Section 907.2.12.2, System response; Section 907.2.12.3, Emergency voice/alarm communication system; Section 907.2.13, High rise buildings; Section 907.2.13.1, Automatic smoke detection; Section 907.2.13.1.1, Area smoke detection; Section 907.2.13.1.2, Duct smoke detection; Section 907.2.13.2, Fire department communication system; Section 907.2.14, Atriums connection more than two stories; Section 907.2.15, High-piled combustible storage areas; Section 907.2.16, Aerosol storage uses; Section 907.2.17 Lumber, wood structural panel and veneer mills; Section 907.2.18, Underground buildings with smoke control; Section 907.2.18.1, Smoke detectors; Section 907.2.18.2, Alarm required; Section 907.2.19, Deep underground buildings; Section 907.2.20, Covered and open mall buildings; Section 907.2.21, Residential aircraft hangars; Section 907.2.22, Airport traffic control towers; Section 907.2.22.1, Airport traffic control towers with multiple exits and automatic sprinklers; Section 907.2.22.2, Other airport traffic control towers; Section 907.2.23, Battery rooms; and Section 907.3, Fire Safety Functions.

lvi. Section 907.3.1, Duct smoke detectors, the text “International Mechanical Code” shall be deleted and the text “mechanical subcode of the Uniform Construction Code” shall be inserted.

lvii. The following sections shall be deleted in their entirety: Section 907.3.2, Delayed egress locks; Section 907.3.3, Elevator emergency operation; Section 907.3.4, Wiring; Section 907.4, Initiating devices; Section 907.4.1, Protection of fire alarm control unit; Section 907.4.2, Manual fire alarm boxes; Section 907.4.2.1, Location; Section 907.4.2.2, Height; Section 907.4.2.3, Color; and Section 907.4.2.4, Signs.

lviii. Section 907.4.5, Protective covers, the last sentence, “Protective covers shall not project more than that permitted by Section 100.3.3” shall be deleted.

lix. The following sections shall be deleted in their entirety: Section 907.4.3, Automatic smoke detection; Section 907.4.3.1, Automatic sprinkler system; Section 907.5, Occupant notification systems; Section 907.5.1, Presignal feature; Section 907.5.2, Alarm notification appliances; Section 907.5.2.1, Audible alarms; Section 907.5.2.1.1, Average sound pressure; Section 907.5.2.1.2, Maximum sound pressure; Section 907.5.2.2, Emergency voice/alarm communication systems; Section 907.5.2.2.1, Manual override; Section 907.5.2.2.2, Live voice messages; Section 907.5.2.2.3, Alternate uses; Section 907.5.2.2.4, Emergency voice/alarm communication captions; Section 907.5.2.2.5, Emergency power; Section 907.5.2.3, Visible alarms; Section 907.5.2.3.1, Public use areas and common use areas; Section 907.5.2.3.2, Groups I-1 and R-1; Table 907.5.2.3.2; Section 907.5.2.3.3, Group R-2; Section 907.6, Installation and monitoring; Section 907.6.1,

Wiring; Section 907.6.2, Power supply; Section 907.6.3, Initiating device identification; Section 907.6.3.1, Annunciation; Section 907.6.4, Zones; Section 907.6.4.1, Zoning indicator panel; and Section 907.6.4.2, High rise buildings.

lx. In Section 907.6.6, Monitoring, text shall be deleted in its entirety and the following text shall be inserted, "Fire alarm systems shall be maintained as required by the construction code in effect at the time of the fire alarm system installation."

(l) In Exception 1, "required by Section 907.2.11" shall be deleted.

lxi. Section 907.7, Acceptance tests and completion; Section 907.7.1, Single- and multiple-station alarm devices; and Section 907.7.2, Record of completion, shall be deleted in its entirety.

lxii. In Section 907.7.3, Instructions, "provided" shall be deleted and "maintained" shall be inserted before "at an approved location."

lxiii. In Section 907.8.5, Inspection, testing and maintenance, inspection and testing, "qualification requirements of NFPA 72 for inspection, testing and maintenance of such systems" shall be deleted and "the requirements of N.J.A.C. 5:74 shall be inserted."

lxiv. Section 907.9, where required in existing buildings and structures, shall be deleted in its entirety.

lxv. New Section 907.10, Engine-driven generator, shall be inserted as follows: "907.10 Engine-driven generator: Where an engine-driven generator provides required secondary power source, such generator shall be inspected weekly and exercised at least monthly under load by disconnecting the normal supply to the system for a minimum of 1/2 hour in a continuous period."

lxvi. New Section 907.11, Periodic testing and inspection of Single- and Multiple-stations smoke detectors, shall be inserted as follows: "907.11 Periodic testing and inspections of Single- and Multiple-Stations Smoke detectors. All single- and multiple- station smoke detectors shall be maintained, periodically inspected and tested in accordance with NFPA 72 and Section 907.11.1 and 907.11.2."

lxvii. New section 907.11.1, Single-station smoke detectors, shall be inserted as follows: "907.11.1 Single-station smoke detectors. Tests or inspections in accordance with the manufacturer's instructions shall be conducted at 1-month intervals for other than battery-powered smoke detectors and at 1-week intervals for battery-powered smoke detectors.

Exception: The written log of tests as specified in Section 901.6.2 shall not be required in R-3 occupancies."

lxviii. New Section 907.11.2 shall be added as follows: "907.11.2 Battery operated smoke detectors. Battery operated smoke detectors in Group R-1 and R-2 buildings and in bed and breakfast homestays shall be maintained, tested and inspected as follows:

1. The owner of the building or the owner's representative shall inspect each detector whenever a change of occupancy occurs;

2. The owner of the building or the owner's representative shall clean the detectors and or replace the batteries as necessary, but, at least once and year, to assure proper operation."

lxix. New Section 908.8, High level alarms testing, shall be inserted as follows: "908.7 High level alarms testing. All high level alarm systems installed in accordance with N.J.A.C. 5:72 shall be periodically tested in accordance with N.J.A.C. 5:72-3.2(a)4."

lxx. The following sections shall be deleted in their entirety: Section 909.1, Scope and purpose; Section 909.2, General design requirements; Section 909.3, Special inspection and test requirements; Section 909.4, Analysis; Section 909.4.1, Stack effect; Section 909.4.2, Temperature effect of fire; Section 909.4.3, Wind effect; Section 909.4.4, Systems; Section 909.4.5, Climate; Section 909.4.6, Duration of operation; Section 909.5, Smoke barrier construction; Section 909.5.1, Total leakage area; Section 909.5.2, Testing of leakage area; Section 909.5.3, Opening protection; Section 909.5.3.1, Group I-1 Condition 2, Group I-2 and ambulatory care facilities; Section 909.5.3.2, Ducts and air transfer openings; Section 909.6, Pressurization method; Section 909.6.1, Minimum pressure difference; Section 909.6.2, Maximum pressure difference; Section 909.6.3, Pressurized stairways and elevator hoist ways; Section 909.7, Airflow design method; Section 909.7.1, Prohibited conditions; Section 909.8, Exhaust method; Section 909.8.1, Smoke layer; Section 909.9, Design fire; Section 909.9.1, Factors considered; Section 909.9.2, Design fire fuel; Section 909.9.3, Heat

release assumptions; and Section 909.9.4, Sprinkler effectiveness assumptions.

lxxi. The following sections shall be deleted in their entirety: Section 909.10, Equipment; Section 909.10.1, Exhaust fans; Section 909.10.2, Ducts; Section 909.10.3, Equipment, inlets and outlets; Section 909.10.4, Automatic dampers; Section 909.10.5, Fans; Section 909.11, Standby power; Section 909.11.1, Equipment room; Section 909.11.2, Power sources and power surges; Section 909.12, Detection and control systems; Section 909.12.1, Verification; Section 909.12.2, Wiring; Section 909.12.3, Activation; Section 909.12.3.1, Pressurization airflow or exhaust method; Section 909.12.3.2, Passive method; Section 909.12.4, Automatic control; Section 909.13, Control air tubing; Section 909.13.1, Materials; Section 909.13.2, Isolation from other functions; Section 909.13.3, Testing; Section 909.14, Marking and identification; Section 909.15, Control diagrams; Section 909.16, Fire fighter's smoke control panel; Section 909.16.1, Smoke control systems; Section 909.16.2, Smoke control panel; and Section 909.16.3, Control action and priorities.

lxxii. The following sections shall be deleted in their entirety: Section 909.17, System response time; Section 909.18, Acceptance testing; Section 909.18.1, Detection devices; Section 909.18.2, Ducts; Section 909.18.3, Dampers; Section 909.18.4, Inlets and outlets; Section 909.18.5, Fans; Section 909.18.6, Smoke barriers; Section 909.18.7, Controls; Section 909.18.8, Testing for smoke control; Section 909.18.8.1, Scope of testing; Section 909.18.8.2, Qualifications; Section 909.18.8.3, Reports; Section 909.18.8.3.1, Report filing; Section 909.18.9, Identification and documentation; and Section 909.19, System acceptance.

lxxiii. In Section 909.20.1, Schedule, "Dedicated smoke control systems shall be inspected and operated at 6 month intervals." shall be inserted after "established."

lxxiv. The following sections shall be deleted in their entirety: Section 909.21, Elevator hoistway pressurization alternative; Section 909.21.1, Pressurization requirements; Section 909.21.1.1, Use of ventilation systems; Section 909.21.2, Rational analysis; Section 909.21.3, Ducts for system; Section 909.21.4, Fan system; Section 909.21.4.1, Fire resistance; Section 909.21.4.2, Smoke detection; Section 909.21.4.3, Separate systems; Section 909.21.4.4, Fan capacity; Section 909.21.5, Standby power; Section 909.21.6, Activation of pressurization system; Section 909.21.7, Testing; Section 909.21.8, Marking and identification; Section 909.21.9, Control diagrams; Section 909.21.10, Control panel; and Section 909.21.11, System response time.

lxxv. Section 910, Smoke And Heat Removal, shall be deleted in its entirety.

lxxvi. In Section 911.1, General, "NFPA 68" shall be inserted before "NFPA 69."

lxxvii. In Section 911.2, Required deflagration venting, in Item 5, "International Building Code" shall be deleted and "building subcode of the Uniform Construction Code" shall be inserted.

lxxviii. Section 912.1, Installation, "installed" shall be deleted and "maintained" shall be inserted. Section 912.2, Location, shall be deleted in its entirety. Section 912.2.1, Visible location, shall be deleted in its entirety. In Section 913.1 General, "installed" shall be deleted and "maintained" shall be inserted. Section 913.5.1, Acceptance test, shall be deleted in its entirety. Section 914, Fire Protection Based on Special Detailed Requirements of Use and Occupancy, shall be deleted in its entirety.

lxxix. Section 915 Carbon Monoxide Detection, shall be deleted in its entirety, except "Section 915.6, Maintenance."

lxxx. New Section 916, Private Water Tanks And Fire Service Mains, shall be inserted as follows:

"Section 916 Private Water Tanks And Fire Service Mains

916.1 Inspection, testing, maintenance: Private water tanks and water service mains shall be periodically inspected, tested and maintained in accordance with NFPA 25."

lxxxi. New Section 917, Elevator Recall, shall be inserted as follows:

"SECTION 917 ELEVATOR RECALL

917.1 Testing: Elevators shall be tested annually in accordance with 917.1.1 and 917.1.2 below. The fire official shall accept a current

Certificate of Compliance issued in accordance with the Uniform Construction Code as evidence of compliance with this section.

917.1.1 Upon simulated activation of an elevator lobby detector, the elevator controller shall cause all elevator cars that serve that lobby to return nonstop to the designated lobby, and prevent further operation of the elevators without the use of an emergency service key.

917.1.2 The emergency service keys shall be utilized to place the recalled elevators into emergency operation and to verify proper functioning of the elevator for fire service operation."

10. Chapter 10, Means Of Egress, shall be amended as follows:

i. Section 1001.1, General, the text of the section shall be deleted in its entirety and the following shall be inserted, "1001.1 Scope. The provisions of this chapter shall govern the maintenance and utilization of means of egress."

ii. In Section 1001.2, Minimum requirements, "this code" shall be deleted and the following shall be inserted, "the Uniform Construction Code in effect at the time of construction or the Uniform Fire Code, as applicable."

iii. New Section 1001.2.1 shall be inserted as follows: "1001.2.1 A structure shall not be altered in any manner affecting the number or capacity of means of egress without first obtaining a permit from the construction official."

iv. New Section 1001.2.2 shall be inserted as follows: "1001.2.1 Structures or portions of structures undergoing repair, renovation, alteration or reconstruction may be occupied as permitted by the construction official."

v. In Section 1002.1, Definitions, "Merchandise Pad," delete "as indicated in Section 105.2 of the International Building Code." Merchandise Pad is now defined in Chapter 2, Section 202 General Definitions.

vi. In Section 1002.1, Definitions, "Occupant Load," the first sentence shall be deleted and the following shall be inserted, "The total number of persons permitted to occupy a building or portion thereof at any one time." Occupant Load is now defined in Chapter 2, Section 202 General Definitions.

vii. In Section 1002.1, Definitions, the following shall be inserted after "Occupant Load," "Overcrowding." Overcrowding is now defined in Chapter 2, Section 202 General Definitions.

viii. In Section 1002.1, Definitions, the following shall be inserted after "Panic Hardware," "Place Of Assembly." Place Of Assembly is now defined in Chapter 2, Section 202 Definitions.

ix. In Section 1003.1, Applicability, the title and text of the section shall be deleted and the following shall be inserted, "1003.1 Owner responsibility. The owner or lessee of every structure shall be responsible for the safety of all persons in, or occupying, such premises with respect to the adequacy of means of egress therefrom."

x. In Section 1003.2, Ceiling height, the title and text of the section shall be deleted and the following shall be inserted, "1003.2 Egress plan. Where required by Section 404.2, a plan complying with Section 404.3 shall be submitted to the fire official and an approved copy shall be kept on the premises of assembly occupancies."

xi. In Section 1003.3, Protruding objects, the title and text of the section shall be deleted and the following shall be inserted, "1003.3 Occupant load. The occupant load for structures shall be maintained pursuant to the New Jersey Uniform Construction Code provisions in effect at the time of construction. The occupant load for structures constructed under standards in force prior to adoption of the New Jersey Uniform Construction Code shall be calculated in accordance with N.J.A.C. 5:70-4.11(f)3."

xii. In Section 1003, GENERAL MEANS OF EGRESS, the following sections shall be deleted in their entirety: Section 1003.3.1, Headroom; Section 1003.3.2, Post-mounted objects; Section 1003.3.3, Horizontal projections; and Section 1003.3.4, Clear width.

xiii. In Section 1003.4, Floor surface, the title and text of the section shall be deleted and the following shall be inserted, "1003.4 Posting of occupant load. An assembly occupancy shall be posted with an approved legible sign in contrasting colors conspicuously located near the main point of egress from the room or space stating the number of occupants permitted within such space. The number of occupants permitted shall be in accordance with the current certificate of occupancy issued

pursuant to the New Jersey Uniform Construction Code for structures constructed and occupied under the provisions of that code, and shall be in accordance with N.J.A.C. 5:70-4.11(f)3. for structures constructed under standards in force prior to adoption of the New Jersey Uniform Construction Code for which structures no such certificate of occupancy has subsequently been issued."

xiv. In Section 1003.5, Elevation change, the title and text of the section shall be deleted and the following shall be inserted, "1003.5 Overcrowding. A person shall not permit overcrowding or admittance of any person beyond the approved occupant load. The fire official, upon finding overcrowded conditions or obstructions in aisles, passageways or other means of egress, or upon finding any condition which constitutes a hazard to life and safety, shall cause the occupancy, performance, presentation, spectacle or entertainment to be stopped until such a condition or obstruction is corrected and the addition of any further occupants prohibited until the approved occupant load is reestablished."

xv. In Section 1003.6, Means of egress continuity, the title and text of the section shall be deleted and the following shall be inserted, "1003.6 Operator responsibility. The operator or the person responsible for the operation of an assembly or educational occupancy shall check egress facilities before such building is occupied to determine compliance with this chapter. If such inspection reveals that any element of the required means of egress cannot be accessed, is obstructed, locked, fastened or otherwise unsuited for immediate utilization, admittance to the building shall not be permitted until necessary corrective action has been completed."

xvi. Section 1003.7, Elevators, escalators and moving walks, shall be deleted in its entirety.

xvii. Section 1004, OCCUPANT LOAD, shall be deleted in its entirety.

xviii. Section 1005, MEANS OF EGRESS SIZING, shall be deleted in its entirety.

xix. Section 1006, NUMBER OF EXITS AND EXIT ACCESS DOORWAYS, shall be deleted in its entirety.

xx. Section 1007, EXIT AND EXIT ACCESS DOORWAY AND CONFIGURATION, shall be deleted in its entirety.

xxi. In Section 1008, Means of egress illumination, the following sections shall be deleted in their entirety: 1008.1, Means of egress illumination; 1008.2.1, Illumination level under normal power; 1008.2.2, Exit discharge; 1008.3, Emergency power for illumination; Section 1008.3.1, General; Section 1008.3.2, Buildings; Section 1008.3.3, Rooms and spaces; and Section 1008.3.5, Illumination level under emergency power.

xxii. In Section 1008.2, Illumination required, in Exception 3, "in Groups R-1, R-2 and R-3" shall be deleted and in Exception 4 "Sleeping units of Group I occupancies" shall be deleted.

xxiii. Section 1008.3.4, Duration, shall be deleted in its entirety.

xxiv. Section 1009, Accessible Means of Egress, shall be deleted in its entirety.

xxv. Section 1010.1, Doors, the following shall be deleted, "Means of egress doors shall meet the requirements of this section. Doors serving a means of egress section shall meet the requirements of this section and Section 1022.2."

xxvi. In Section 1010, Doors, Gates and Turnstiles, the following sections shall be deleted in their entirety: Section 1010.1.1, Size of doors; Section 1010.1.1.1, Projections into clear width; Section 1010.1.2, Door swing; Section 1010.1.2.1, Direction of swing; Section 1010.1.3, Door opening forces; Section 1010.1.3.1, Location of applied forces; Section 1010.1.4, Special doors; Section 1010.1.4.1, Revolving doors; Table 1010.1.4.1(1), Maximum Revolving door speeds; Table 1010.1.4(2), Maximum Door Speed Automatic or Power Operated Revolving Doors; Section 1010.1.4.1.1, Egress component; Section 1010.1.4.1.2, Other than egress components; Section 1010.1.4.2, Power operated doors; and Section 1010.1.4.3, Special Purpose Horizontal sliding, accordion or folding doors.

xxvii. Section 1010.1.4.4, Security grilles, the following text shall be deleted, "In Groups B, F, M and S," and "Where two or more means of egress are required, not more than one half of the exits or exit access doorways shall be equipped with horizontal sliding or vertical security grilles."

xxviii. In Section 1010, Doors, Gates and Turnstiles, the following sections shall be deleted in their entirety: Section 1010.1.5, Floor elevation; Section 1010.1.6, Landings at doors; Section 1010.1.7, Thresholds; and Section 1010.1.8, Door arrangement.

xxix. In Section 1010.1.9, Door operations, "Except as specifically permitted by this section" shall be deleted.

xxx. Section 1010.1.9.1, Hardware, shall be deleted.

xxxi. Section 1010.1.9.2, Hardware height, shall be deleted in its entirety.

xxxii. The following sections shall be deleted in their entirety: Section 1010.1.9.3, Locks and latches; Section 1010.1.9.5, Unlatching; and Section 1010.1.9.7, Delayed egress.

xxxiii. In Section 1010, Doors, Gates and Turnstiles, the following sections shall be deleted in their entirety: Section 1010.1.9.4, Bolt Locks; 1010.1.9.5, Unlatching; 1010.1.9.5.1, Closet and bathroom doors in Group R-4; 1010.1.9.6, Controlled egress doors in Groups I-1 or I-2; 1010.1.9.7, Delayed egress; 1010.1.9.8, Sensor release of electrically locked egress doors; 1010.1.9.9, Electromagnetically locked egress doors; and 1010.1.9.10, Locking arrangements in correctional facilities.

xxxiv. In Section 1010.1.9.11, Stairway doors, Exception 2 "Section 403.5.3 of the International Building Code" shall be deleted and "the building subcode of the Uniform Construction Code" shall be inserted.

xxxv. In Section 1010, Doors, Gates and Turnstiles, the following sections shall be deleted in their entirety: Section 1010.1.10, Panic and fire exit hardware; Section 1010.1.10.1, Installation; Section 1010.1.10.2, Balanced doors; Section 1010.2, Gates; Section 1010.2.1, Stadiums; Section 1010.3, Turnstiles; Section 1010.3.1, High turnstile; and Section 1010.3.2, Additional door.

xxxvi. New Section 1010.4, Locks permitted, shall be inserted as follows: "Locks permitted. Locks or fasteners shall not be installed on egress doors, except in accordance with the following conditions:

1. In mental, penal or other institutions where the security of inmates is necessary, in which case properly trained supervisory personnel shall be continuously on duty and approved provisions shall be made to remove occupants safely in case of a fire or other emergencies.

2. In problem security areas, special-purpose door alarms or locking devices shall be approved prior to installation. Manually operated edge or surface-molded flush bolts shall be prohibited.

3. Where the door hardware is in compliance with the Uniform Construction Code."

xxxvii. New Section 1010.5, Special performance features, shall be inserted as follows: "Special performance features. All hardware systems or assemblies utilized in the operation of a door, including special performance features, shall be inspected for proper operation. The inspection shall determine that the hardware operates as required by this code."

xxxviii. New Section 1010.6, Panic hardware, shall be inserted as follows: "Panic hardware. All doors equipped with latching devices serving rooms or spaces with an assembly or educational occupancy with an occupant load greater than 100 shall have the approved panic hardware maintained in compliance with the construction code in effect at the time of first occupancy."

xxxix. New Section 1010.7, Closing, shall be inserted as follows: "Closing. All fire doors shall comply with Section 703."

xl. Section 1011, Stairways, shall be deleted in its entirety.

xli. Section 1012, Ramps, shall be deleted in its entirety.

xlii. In Section 1013.1, Where required, the text of the section shall be deleted and the following shall be inserted, "Exit signs. All means of egress shall be indicated with approved "Exit" signs where required by the construction code in effect at the time of first occupancy or N.J.A.C. 5:70-4 et seq., as applicable. All "Exit" signs shall be maintained visible, and all illuminated exit signs shall be illuminated at all times the structure is occupied. Supplemental internally illuminated directional signs, when necessary, shall be installed in accordance with the technical requirements of the Uniform Construction Code indicating the direction and way of egress."

xliii. In Section 1013.2, Floor-level exit signs in Group R-1, the text of the section shall be deleted and the following shall be inserted, "Information signs. A sign shall be provided at each floor landing in all interior stairways more than three stories above grade, designating the

floor level above the floor of discharge. All elevator lobby call stations on all floor levels shall be identified by approved signs in accordance with the requirements for new buildings in the Uniform Construction Code. Exception: The emergency sign shall not be required for elevators that are part of an accessible means of egress complying with the construction code in effect at the time of first occupancy."

xliv. In Section 1013.3, Illumination, the text of the section shall be deleted and the following shall be inserted, "Mistaken egress. All doors, passageways and stairways that are neither a means of egress nor provide access to a means of egress and are located or arranged so as to be mistaken for a means of egress, shall be properly identified as to their purpose."

xlv. In Section 1013.4, Raised character and braille exit signs, the text of the section shall be deleted and the following shall be inserted, "Sign obscuration. Decorations, furnishings and equipment impairing the visibility of egress signs shall not be permitted. Brightly illuminated signs for other than egress purposes, displays or objects shall not be located in or near the line of vision to the required egress sign when of a character so as to detract attention from the egress sign such that the sign will not be noticed."

xlvi. The following sections shall be deleted in their entirety: Section 1013.5 Internally illuminated exit signs; Section 1013.6, Externally illuminated exit signs; Section 1013.6.1, Graphics; Section 1013.6.2, Exit sign illumination; and Section 1013.6.3, Power source.

xlvii. Section 1014, HANDRAILS, shall be deleted in its entirety.

xlviii. Section 1015, GUARDS, shall be deleted in its entirety.

xlix. In Section 1016, EXIT ACCESS, shall be deleted in its entirety.

l. Section 1017, EXIT ACCESS TRAVEL DISTANCE, shall be deleted in its entirety.

li. In Section 1018 Aisles; Section 1018.1, General, the text of the section shall be deleted and the following shall be inserted, "Aisles. In each room where chairs or tables and chairs are utilized, the arrangement shall provide for ready access by aisle access ways and aisles to each egress door. The minimum clear width of each aisle in occupancies in Use Groups A, E and 1-2 shall be maintained in accordance with the construction code in effect at the time of first occupancy. In all other occupancies, aisles shall have a minimum required clear width of 44 inches (1118 mm) where serving an occupant load greater than 50 or less. The clear width of aisles shall not be obstructed by chairs, tables or other objects."

lii. Section 1019, Exit access stairways and ramps, shall be deleted in its entirety.

liii. In Section 1020, Corridors, the following sections shall be deleted in their entirety: Section 1020.1, Construction; Table 1020.1, Corridor Fire Resistance Rating; Section 1020.2, Corridor width and capacity; Section 1020.4, Dead ends; Section 1020.5, Air movement in corridors; Section 1020.5.1, Corridor ceiling; and Section 1020.6, Corridor continuity.

liv. Section 1021, Egress Balconies, shall be deleted in its entirety.

lv. In Section 1022.1, General, the following text shall be deleted, "General. Exits shall comply with Sections 1022 through 1027 and the applicable requirements of Section 1003 through 1013." The following sections shall be deleted in their entirety: Section 1022.2, Exterior exit doors; Section 1022.2.1, Detailed requirements; and Section 1022.2.2, Arrangement.

lvi. Section 1023, INTERIOR EXIT STAIRWAYS AND RAMPS, shall be deleted in its entirety.

lvii. Section 1024, EXIT PASSAGEWAYS, shall be deleted in its entirety.

lviii. Section 1025, LUMINOUS EGRESS PATH MARKINGS, shall be deleted in its entirety.

lix. Section 1026, HORIZONTAL EXITS, shall be deleted in its entirety.

lx. Section 1027, EXTERIOR EXIT STAIRWAYS AND RAMPS, shall be deleted in its entirety.

lxi. Section 1028, EXIT DISCHARGE, shall be deleted in its entirety.

lxii. Section 1029, ASSEMBLY, shall be deleted in its entirety.

lxiii. Section 1030, EMERGENCY ESCAPE AND RESCUE, shall be deleted in its entirety.

lxiv. In Section 1031, Maintenance of the Means of Egress, Section 1031.1, General, the following text shall be deleted, "The means of egress for buildings or portions thereof shall be maintained in accordance with this section." The following text shall be inserted, "An exit shall not be utilized for any purpose that interferes with its function as a means of egress, except as otherwise approved. The means of egress from each part of the structure, including exits, stairways, egress doors and any panic hardware installed thereon, aisles, corridors, passageways and similar elements of the means of egress, shall at all times be maintained in a safe condition and available for immediate utilization and free of all obstructions. Security devices affecting means of egress shall be subject to approval."

lxv. New Section 1031.1.1, Storage, shall be inserted as follows: "1031.1.1 Storage. Combustible or flammable material shall not be placed, stored or kept in any portion of an exit, elevator car or hoist way, or at the bottom of a stairway, fire escape or other means of escape, unless such space is enclosed and protected as required by the construction code in effect at the time of first occupancy. Such storage shall be located so the presence or burning of the materials will not obstruct or render hazardous the means of egress."

lxvi. Section 1031.2, Reliability, shall be renumbered as Section 1031.3. Section 1008.4.2, Security devices and egress locks, shall be renumbered as Section 1031.3.1. Section 1031.3, Obstructions, shall be renumbered as Section 1031.5. Section 1008.4.1, Group I-2, shall be renumbered as Section 1031.5.1. Section 1031.4, Exit signs, shall be renumbered as Section 1031.7. Section 1011.3, Nonexit identification, shall be renumbered as Section 1031.8. Section 1031.6, Furnishings and Decorations, shall be renumbered as Section 1031.9. Section 1031.7, Emergency escape openings, shall be renumbered as Section 1031.11. Section 1031.8, Testing and Maintenance, shall be renumbered as Section 1031.12 and Section 1011.2, Floor identification signs, shall be renumbered as Section 1031.13.

lxvii. New Section 1031.2 shall be inserted as follows: "1031.2 Exit capacity. The capacity of exits serving a floor shall be sufficient for the occupant load thereof as determined by the construction code in effect at the time of first occupancy or N.J.A.C. 5:70-4 et seq., as applicable."

lxviii. New Section 1031.4 shall be inserted as follows: "1031.4 Continued maintenance. All means of egress devices and safeguards that are required by this chapter or which were required by a previous statute or another code when the structure was erected, altered or repaired, shall be maintained in good working order."

lxix. New Section 1031.6 shall be inserted as follows: "1031.6 Exterior egress. All exit discharge, exterior stairways and fire escapes shall be kept free of snow and ice. Any fire escape or exterior stairway found to be in a state of deterioration or determined to be unsafe by the fire official shall be repaired immediately. Depending upon the structural condition, a load test of any fire escape shall be conducted before the escape is returned to service in accordance with the N.J.A.C. 5:23, the Uniform Construction Code."

lxx. New section 1031.10 shall be inserted as follows: "1031.10 Display. Aisles, passageways or stairways in any structure shall not be obstructed with tables, showcases, holiday displays, vending machines or other obstructions during hours when the structure is open to the public, nor shall such obstructions be located in such a manner as to interfere with firefighting access. Display boards, signs, coat racks and any other movable equipment that obstructs the path of egress travel shall be prohibited. A mirror shall not be placed in or adjacent to any means of egress in such a manner as to confuse the direction of egress. Draperies and similar hangings shall not obscure an exit."

11. Chapter 11, Construction Requirements for Existing Buildings, shall be deleted in its entirety. Chapter 11, under the 2006 International Fire Code, Aviation Facilities, is now Chapter 20.

12. Chapter 12 is reserved. Chapter 12, under the 2006 International Fire Code, "Dry Cleaning" is now Chapter 21.

13. Chapter 13 is reserved. Chapter 13, under the 2006 International Fire Code, "Combustible Dust-Producing Operations" is now Chapter 22.

14. Chapter 14 is reserved. Chapter 14, under the 2006 International Fire Code, "Fire Safety During Construction and Demolition" is now Chapter 33.

15. Chapter 15 is reserved. Chapter 15, under the 2006 International Fire Code, "Flammable Finishes" is now Chapter 24.

16. Chapter 16 is reserved. Chapter 16, under the 2006 International Fire Code, "Fruit and Crop Ripening" is now Chapter 25.

17. Chapter 17 is reserved. Chapter 17, under the 2006 International Fire Code, "Fumigation and Insecticidal Fogging" is now Chapter 26.

18. Chapter 18 is reserved. Chapter 18, under the 2006 International Fire Code, "Semiconductor Fabrication Facilities" is now Chapter 27.

19. Chapter 19 is reserved. Chapter 19, under the 2006 International Fire Code, "Lumber Yards and Woodworking Plants" is now Chapter 28.

20. Chapter 20, Aviation Facilities, shall be amended as follows:

i. Section 2001.3, Permits, shall be deleted in its entirety.

ii. In Section 2004.6, Open flame, the text "the International Building Code" shall be deleted and the text "the building subcode of the Uniform Construction Code" shall be inserted.

iii. In Section 2006.3.4, Protection of electrical equipment, in the second sentence, the text "in NFPA 70" shall be deleted and the text "by the electrical subcode of the Uniform Construction Code" shall be inserted.

iv. In Section 2006.5.3.2.2 Records, a second sentence, the text "These records shall be made available to the fire code official on request" shall be inserted.

v. In Section 2006.17, Fuel-transfer locations, in the exception, "International Building Code" shall be deleted and "building subcode of the Uniform Construction Code" shall be inserted.

vi. In Section 2007.1, General, in the second sentence, the text "International Building Code" shall be deleted and the text "building subcode of the Uniform Construction Code" shall be inserted.

vii. In Section 2007.4, Exits, the text "Section 412.7 of the International Building Code" shall be deleted and the text "Chapter 10" shall be inserted.

viii. Section 2007.5, Standpipe systems, shall be deleted in its entirety.

ix. In Section 2007.6, Foam protection, in the second sentence, the text "the applicable provisions of Sections 903, 904 and 905" shall be deleted and the text "the Uniform Construction Code" shall be inserted.

21. Chapter 21, Dry Cleaning, shall be amended as follows:

i. Section 2101.2, Permit required, shall be deleted in its entirety.

ii. In Section 2103.3, Design, the text "the International Building Code" shall be deleted and the text "the building subcode of the Uniform Construction Code" shall be inserted.

iii. In Section 2104.2, Building services, the text "designed, installed and" shall be deleted before "maintained."

iv. In Section 2104.2.1, Ventilation, in the first and only sentence, the text "provided" shall be deleted and the text "maintained" shall be inserted. In addition, in the same sentence, the text "Section 502 of the International Mechanical Code and DOL 29 CFR Part 1910.1000" shall be deleted and the text "the mechanical subcode of the Uniform Construction Code" shall be inserted.

v. In Section 2104.2.3, Electrical wiring and equipment, the text "installed" shall be deleted and the text "maintained" shall be inserted, and the text "NFPA 70" shall be deleted and the text "the electrical subcode of the Uniform Construction Code" shall be inserted.

vi. In Section 2105.3, Type IV and V systems, the text "the International Mechanical Code" shall be deleted and "the mechanical subcode of the Uniform Construction Code" shall be inserted.

vii. In Section 2107.1, General equipment requirements, in the second sentence, "the International Building Code" shall be deleted and "the building subcode of the Uniform Construction Code" shall be inserted.

viii. In Section 2108.3, Automatic fire-extinguishing systems, "in accordance with the Uniform Construction Code and" shall be inserted after "maintained." In addition, the exception shall be deleted in its entirety.

22. Chapter 22, Combustible Dust-Producing Operations, shall be amended as follows:

i. Section 2201.2, Permits, shall be deleted in its entirety.

ii. In Table 2204.1, Explosion protection standards, the text "NFPA 68 Explosion Protection by Deflagration Venting" shall be inserted in between "NFPA 61 Standard for the Prevention of Fires and Dust

Explosions in Agricultural and Food Processing Facilities” and “NFPA 69 Standard on Explosion Prevention Systems.” In addition, in the same table, “N.J.A.C. 5:23-3.16 The electrical subcode of the Uniform Construction Code” shall be inserted. The table shall appear as follows:

TABLE 2204.1

EXPLOSION PROTECTION STANDARDS

STANDARD	SUBJECT
NFPA 61	Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities
NFPA 68	Explosion Protection by Deflagration Venting
NFPA 69	Standard on Explosion Prevention Systems
NFPA 85	Boiler and Combustion System Hazards Code
NFPA 120	Standard for Fire Prevention and Control in Coal Mines
NFPA 484	Standards for Combustible Metals
NFPA 654	Standards for Prevention of Fire and Dust Explosions from the Manufacturing, Processing and Handling of Combustible Particulate Solids
NFPA 655	Standards for the Prevention of Sulfur Fires and Explosions
NFPA 664	Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities
N.J.A.C. 5:23-3.16	The electrical subcode of the Uniform Construction Code

23. Chapter 23. Motor Fuel-Dispensing Facilities and Repair Garages, shall be amended as follows:

i. In Section 2301.1, Scope, the text “the International Building Code, International Fuel Gas Code and the International Mechanical Code” shall be deleted and the text “the construction code in effect at the time of construction” shall be inserted.

ii. Section 2301.2, Permits, shall be deleted in its entirety.

iii. Section 2301.3, Construction documents, shall be deleted in its entirety.

iv. In Section 2301.4, Indoor motor fuel-dispensing facilities, “the International Building Code” shall be deleted and “the construction code in effect at the time of construction” shall be inserted.

v. In Section 2301.5, Electrical, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

vi. In Section 2301.6, Heat-producing appliances, the text “the International Fuel Gas Code or the International Mechanical Code” shall be deleted and the text “the fuel gas subcode of the Uniform Construction Code or the mechanical subcode of the Uniform Construction Code” shall be inserted.

vii. Section 2303.1, Location of dispensing devices, shall be deleted in its entirety.

viii. In Section 2303.2, Emergency disconnect switches, the second and third sentences shall be deleted following “other emergency.”

ix. In Section 2304.2, Attended self-service motor fuel-dispensing facilities, the words “self-service” shall be deleted from the title; after the word “attended” in the first sentence; and after the word “attended” in the second sentence.

x. New Section 2304.4.1.1 shall be inserted as follows: “2304.4.1.1, Portable containers, Portable containers intended to hold 10 gallons or less and to be used for gasoline or other flammable liquid shall be red in color. The name of the flammable liquid shall be prominently displayed on the container in bold letters of a contrasting color. The containers

shall be of metal or approved plastic with a spring-loaded or screw cap. Containers for kerosene shall be blue.”

xi. New Section 2304.4.1.2 shall be inserted as follows: “Whenever flammable liquids or kerosene are dispensed into or offered for sale in containers, there shall be a prominent sign located in a conspicuous location indicating the required color and construction of this container for each product sold. The sign shall not be less than 12 inches in the least dimension.”

xii. Section 2304.2, Attended self-service motor fuel-dispensing facilities, shall be modified to delete the words “self-service” throughout the entire section. The following shall be added at the end of the first sentence: “and shall comply with N.J.S.A. 34:3A-4 et seq.”

xiii. In Section 2305.4, Sources of ignition, in the second sentence the text, “NFPA 70” shall be deleted and the text “the electrical subcode of the Uniform Construction Code” shall be inserted.

xiv. In Section 2305.5, Fire extinguishers, the text “75 feet (22 860 mm)” shall be deleted and the text “30 feet” shall be inserted.

xv. In Section 2306.2.1.1, the following text shall be inserted in the second sentence after the words “the records shall” “be kept on premises or made available for inspection by the fire code official within 24 hours of a written or verbal request and”.

xvi. Section 2306.2.2, Above-ground tanks located inside buildings, shall be deleted in its entirety.

xvii. Section 2306.2.3, Above-ground tanks located outside, above grade, the text following “fuels except” shall be deleted and the text from number 4 shall be retained: “tanks located at farms, construction projects, or rural areas shall comply with Section 5706.2.”

xviii. Section 2306.2.4, Above-ground tanks located in above-grade vaults or below-grade vaults, shall be deleted in its entirety.

xix. Section 2306.2.6, Special enclosures, shall be deleted in its entirety.

xx. Section 2306.6, Piping, valves, fittings and ancillary equipment for use with flammable or combustible liquids, shall be deleted in its entirety.

xxi. In Section 2306.7.3, Mounting of dispensers, in the first sentence, “by mounting on a concrete island 6 inches (152 mm) or more in height, or shall be protected” shall be deleted.

xxii. Section 2306.7.7.2, Location, shall be deleted in its entirety.

xxiii. In Section 2306.7.9, Vapor-recovery and vapor-processing systems, through Section 2306.7.9.1.3, Piping, shall be deleted in their entirety.

xxiv. In Section 2306.7.9.2, Vapor processing systems, through Section 2306.7.9.2.4, Piping, shall be deleted in their entirety.

xxv. The following new sections shall be added after Section 2306.8.5:

(1) “2306.9 Filling and discharging. The driver, operator or attendant of any tank vehicle shall not remain in the vehicle cab and shall not leave the vehicle while the vehicle is being filled or discharged. The delivery hose, when attached to a tank vehicle, shall be considered a part of the tank vehicle. When making or breaking hose connections, the motors of tank trucks or tractors shall be shut down. If loading or unloading is performed without a power pump, the tank truck or tractor motor shall be shut down throughout such operations.”

(2) “2306.9.1 Hose connections. Delivery of flammable liquids to underground tanks of more than 1,000 gallons (3785 L) in capacity shall be made by means of vapor-tight connections between the hose and fill pipe. Where underground tanks are equipped with any type of vapor recovery system, all connections required to be made for the safe and proper functioning of the particular vapor recovery process shall be made. Such connections shall be made liquid and vapor tight and remain connected throughout the unloading process. Vapors shall not be discharged at grade level during delivery.”

(3) “2306.9.2 Hose protection. Upon arrival at a point of delivery and prior to discharging any flammable or combustible liquids into underground tanks, the driver, operator or attendant of the tank vehicle shall ensure that all hoses utilized for liquid delivery and vapor recovery, where required, will be protected from physical damage by motor vehicles. Such protection shall be by positioning the tank vehicle to prevent motor vehicles from passing through the area or areas occupied

by hoses, or consist of portable traffic-warning devices, such as traffic cones.”

xxvi. In Section 2307.4, Location of dispensing operations and equipment, shall be deleted in its entirety.

xxvii. In Section 2307.6, Installation of LP-gas dispensing devices and equipment, through Section 2307.6.1, Product control valves, shall be deleted in their entirety.

xxviii. In Section 2308.3, Location of dispensing operations and equipment, and Section 2208.3.1, Location on property, shall be deleted in its entirety.

xxix. In Section 2308.8.1.2.4, Grounding and bonding, “NFPA 70” shall be deleted and “electrical subcode of the Uniform Construction Code” shall be inserted.

xxx. In Section 2309.2.3, Electrical equipment, “NFPA 70” shall be deleted and “electrical subcode of the Uniform Construction Code” shall be inserted.

xxxi. In Section 2309.3.1.2, Indoors, “International Building Code, the International Fuel Gas Code, the International Mechanical Code” shall be deleted and “building subcode of the Uniform Construction Code, the fuel gas subcode of the Uniform Construction Code, and the mechanical subcode of the Uniform Construction Code,” respectively, shall be inserted.

xxxii. In Section 2309.3.1.5, Canopy tops, “Chapters 53 and 58 and the International Fuel Gas Code” shall be deleted and “fuel gas subcode of the Uniform Construction Code” shall be inserted.

xxxiii. In Section 2309.3.1.5.1, Construction, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xxxiv. In Section 2309.3.2, Canopies, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xxxv. In Section 2310.1, General, in the first sentence, “International Building Code” shall be deleted and “construction code in effect at the time of construction” shall be inserted.

xxxvi. In Section 2310.2.3, Heating equipment, “comply with Section 2301.6” shall be deleted and “be maintained in accordance with the code under which the equipment was installed” shall be inserted.

xxxvii. In Section 2311.1, General, in the first sentence, “International Building Code” shall be deleted and “construction code in effect at the time of construction” shall be inserted.

xxxiii. In Section 2311.2.3, Drainage and disposal of liquids and oil-soaked waste, the phrase “International Plumbing Code” shall be deleted and the words “plumbing subcode of the Uniform Construction Code inserted”.

xxxiv. In Section 2311.3.1, Equipment, insert the words “including portable lighting” after the word “Appliances”; the phrase “International Building Code, the International Mechanical Code and NFPA 70” shall be deleted and “building, mechanical and electrical subcodes of the Uniform Construction Code” shall be inserted.

xl. In Section 2311.4.1, Construction, “constructed” shall be deleted and “maintained” shall be inserted; “International Building Code” shall be deleted and “construction code in effect at the time of construction” shall be inserted.

xli. In Section 2311.4.3, Ventilation, “the International Mechanical Code” shall be deleted and “the construction code in effect at the time of construction” shall be inserted.

xlii. In Section 2311.7.1, Ventilation, the phrase “International Mechanical Code” shall be deleted, and the phrase “construction code in effect at the time of construction” shall be inserted.

24. Chapter 24, Flammable Finishes, shall be amended as follows:

i. Section 2401.3, Permits, shall be deleted in its entirety.

ii. In Section 2403.2.1, Electrical wiring and equipment, the text “and NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

iii. In Section 2403.2.1.1, Flammable vapor areas, the text “with NFPA 70” shall be deleted and the text “with the electrical subcode of the Uniform Construction Code” shall be inserted.

iv. In Section 2403.2.1.4, Areas subject to overspray deposits, “NFPA 70” shall be deleted and the text “the electrical subcode of the Uniform Construction Code” shall be inserted.

v. In Section 2403.2.5, Grounding, in the first sentence, the text “NFPA 70” shall be deleted and the text “the electrical subcode of the Uniform Construction Code” shall be inserted.

vi. In Section 2404.2, Location of spray-finishing operations, in the first sentence, the text “the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

vii. In Section 2404.3, Design and construction, the text “Sections 2404.3.1 through 2404.3.3.1” shall be deleted and the text “the Uniform Construction Code” shall be inserted.

viii. In Section 2404.3.1, Spray rooms, the text “the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

ix. In Section 2404.3.2, Spray booths, the text “Sections 2404.3.2.1 through 2404.3.2.6, Sections 2404.4 through 2404.8” shall be deleted and the text “the Uniform Construction Code” shall be inserted.

x. In Section 2404.3.2.4, Means of egress, the text “Chapter 10” shall be deleted and the text “the Uniform Construction Code” shall be inserted.

xi. In Section 2404.3.3, Spraying spaces, the text “the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

xii. In Section 2404.6.1.2.2, Portable infrared apparatus, in the first sentence, the text “NFPA 70” shall be deleted and the text “the electrical subcode of the Uniform Construction Code” shall be inserted.

xiii. In Section 2404.7, Ventilation, the text “Section 502.7 of the International Mechanical Code” shall be deleted and the text “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xiv. In Section 2404.7.2, Recirculation, in Exception 1.5, the text “Section 510 of the International Mechanical Code” shall be deleted and the text “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xv. In Section 2404.7.6, Termination point, in the first sentence, the text “not be less than the following distances:” shall be deleted and the text “be in accordance with the Uniform Construction Code” shall be inserted. In addition, Item 1 and Item 2 shall be deleted in their entirety.

xvi. In Section 2404.9.4, Electrical wiring, the text “NFPA 70” shall be deleted and the text “the electrical subcode of the Uniform Construction Code” shall be inserted.

xvii. In Section 2405.2, Location of dip-tank operations, the text “the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

xviii. In Section 2409.3, Fire protection, the second and third sentences shall be deleted in their entirety.

25. Chapter 25, Fruit and Crop Ripening, shall be amended as follows:

i. Section 2501.2, Permits, shall be deleted in its entirety.

ii. New Section 2501.4, General, shall be inserted as follows: “2501.4 General. The layout, arrangement and construction of structures in which the process of ripening or coloring of crops is conducted shall comply with the construction code in effect at the time of first occupancy. Fire protection and fire protection systems shall be provided in accordance with the construction code in effect at the time of first occupancy. Structures and their service equipment shall be maintained in a safe and sound condition in accordance with this code.”

iii. In Section 2504.5, Heating, in the Exception, the text “NFPA 70, the International Mechanical Code or the International Fuel Gas Code” shall be deleted and the text “electrical subcode, mechanical subcode or fuel gas subcode of the Uniform Construction Code” shall be inserted.

26. Chapter 26, Fumigation and Insecticidal Fogging, shall be amended as follows:

i. Section 2601.2, Permits, shall be deleted in its entirety.

ii. In Section 2603.2.1, Electricity, in the exception, the text “NFPA 70” shall be deleted and the text “the electrical subcode of the Uniform Construction Code” shall be inserted.

27. Chapter 27, Semiconductor Fabrication Facilities, shall be amended as follows:

i. In Section 2701.1, Scope, in the first sentence, “the International Building Code” shall be deleted and “the building subcode of the

Uniform Construction Code” shall be inserted. In addition, in the second sentence, “the International Building Code” shall be deleted and “the construction code in effect at the time of construction.” shall be inserted.

ii. Section 2701.4, Existing buildings and existing fabrication areas, shall be deleted in its entirety.

iii. Section 2701.5, Permits, shall be deleted in its entirety.

iv. In Section 2703.2.2, General requirements, “International Building Code” and “International Mechanical Code” shall be deleted and “building subcode of the Uniform Construction Code and mechanical subcode of the Uniform Construction Code” shall be inserted.

v. In Section 2703.3.1, Fabrication areas, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

vi. In Section 2703.3.2, Pass-throughs in exit access corridors, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

vii. In Section 2703.3.3, Liquid storage rooms, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

viii. In Section 2703.3.4, HPM rooms, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

ix. In Section 2703.3.8, Service corridors, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

x. In Section 2703.7.1, Fabrication areas, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xi. In Section 2703.7.2, Workstations, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xii. In Section 2703.7.3, Hazardous production material (HPM) rooms, gas rooms and liquid storage rooms, “NFPA” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xiii. Section 2703.10.1.1, Combustible workstations, shall be deleted in its entirety.

xiv. Section 2703.10.1.2, Combustible tools, shall be deleted in its entirety.

xv. In Section 2703.10.4, Exhaust ducts for HPM, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xvi. Section 2703.10.4.4, Exhaust duct sprinkler system requirements, shall be deleted in its entirety.

xvii. Section 2703.10.4.4.1, Sprinkler head locations, shall be deleted in its entirety.

xviii. In Section 2703.13.1.4, Insert, “Exit access” shall be added before “corridor”. In addition, insert “exit access” before “corridor” in two locations in text.

xix. In Section 2703.14, Exhaust ventilation systems for HPM, “the International Building Code and the International Mechanical Code” shall be deleted and “the building subcode of the Uniform Construction Code and the mechanical subcode of the Uniform Construction Code” shall be inserted.

xx. In Section 2703.14.1 Where required, the text “International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted. Also in Item 1, the text “International Building Code” shall be deleted and the text “building subcode of the Uniform Construction Code” shall be inserted. In Item 3, the text “International Building Code” shall be deleted and the text “building subcode of the Uniform Construction Code” shall be inserted. In Item 4, the text “International Building Code” shall be deleted and the text “building subcode of the Uniform Construction Code” shall be inserted.

xxi. In Section 2703.14.2, Penetrations, the text “constructed in accordance with Section 707 of the International Building Code or horizontal assemblies constructed in accordance with Section 711 of the International Building Code” shall be deleted, and the text “assemblies” shall be inserted.

xxii. In Section 2703.15.1, Required electrical systems, in Item 11, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xxiii. In Section 2704.3.1, HPM storage, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xxiv. In Section 2705.2.3.2, Protection of vessels, in Item 2, “the International Building Code” shall be deleted and “the construction code in effect at the time of construction” shall be inserted.

xxv. In Section 2705.3.1, Corridors and enclosures for stairways and ramps, “Section 415.11.6.4 of the International Building Code” shall be deleted and “the construction code in effect at the time of construction” shall be inserted.

xxvi. In Section 2705.3.2.1, the text, “Section 415.11.2 of the International Building Code” shall be deleted and “the construction code in effect at the time of construction” shall be inserted.

xxvii. In Section 2705.3.3, Service corridors, the text of the section shall be deleted and the following shall be inserted: “Where service corridors are provided, the transport of HPM from a liquid storage room, HPM room, gas room or from the outside of a building to the perimeter wall of a fabrication area shall be restricted to service corridors.”

28. Chapter 28, Lumber Yards and Agro-Industrial, Solid Biomass and Woodworking Surfaces, shall be amended as follows:

i. Section 2801.1, Scope, after “chapter” following text shall be inserted, “and NFPA 230.”

ii. Section 2801.2, Permits, shall be deleted in its entirety.

iii. In Section 2803.1, Open yards, in the first sentence, the text “the International Building Code” shall be deleted and the text “the construction code in effect at the time of construction” shall be inserted. In addition, the following shall be inserted as the second sentence: “Weeds shall be kept down throughout the entire yard.”

iv. In Section 2803.2, Dust control, “International Mechanical Code” shall be deleted and “mechanical subcode of the Uniform Construction Code” shall be inserted.

v. In Section 2803.3, Waste removal, in the second sentence, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

vi. In Section 2803.4, Electrical equipment, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

vii. In Section 2804.4, Automatic sprinkler systems, the text “installed” shall be deleted and “maintained” shall be inserted. In addition, “in accordance with Section 903.3.1.1” shall be deleted and “in accordance with Chapter 9” shall be inserted.

viii. In Section 2808.6 the text “Such records shall be maintained” shall be deleted and the text “Records shall be kept on file at the facility and made available for inspection” shall be inserted.

29. Chapter 29, Manufacture of Organic Coatings, shall be amended as follows:

i. Section 2901.2, Permits, shall be deleted in its entirety.

ii. In Section 2903.4, Fire protection systems, “installed,” shall be deleted.

iii. New Section 2903.10.1 shall be inserted as follows: “2903.10.1 Emergency drainage systems containing flammable and combustible liquid that are connected to a public discharge into a public waterway shall be prohibited without the express approval of the New Jersey Department of Environment Protection.”

iv. Section 2903.11, Alarm systems, shall be deleted in its entirety.

v. In Section 2904.1, Wiring and equipment, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

vi. In Section 2905.1, Design, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

vii. In Section 2909.2, Tank storage, “the International Building Code” shall be deleted and “the construction code in effect at the time of construction” shall be inserted.

viii. In Section 2909.4, Nitrocellulose storage, “the International Building Code” shall be deleted and “the construction code in effect at the time of construction” shall be inserted.

ix. In Section 2909.6, Finished products, “the International Building Code” shall be deleted and “construction code in effect at the time of construction” shall be inserted.

30. Chapter 30, Industrial Ovens, shall be amended as follows:

i. In Section 3001.1, Scope, the text “the International Fuel Gas Code, International Mechanical Code” shall be deleted and the text “the construction code in effect at the time of construction” shall be inserted.

ii. Section 3001.2, Permits, shall be deleted in its entirety.

iii. Section 3003.1, Ventilation, shall be deleted in its entirety.

iv. In Section 3004.1, Fuel-gas piping, the text “the International Fuel Gas Code” shall be deleted and the text “the fuel gas subcode of the Uniform Construction Code” shall be inserted.

v. In Section 3004.2, Shutoff valves, the text “International Mechanical Code or the International Fuel Gas Code” shall be deleted and the text “mechanical subcode of the Uniform Construction Code or fuel gas subcode of the Uniform Construction Code” shall be inserted.

31. Chapter 31, Tents, Canopies and Other Membrane Structures, shall be amended as follows:

i. In section 3101.1, Scope, the phrase “International Building code” shall be deleted and the text “building subcode of the Uniform Construction Code” be inserted.

ii. In Section 3102, Definitions, the definition of “membrane structure” shall be modified in Chapter 2.

iii. In section 3103.1, General, the phrase “International Building code” shall be deleted and the text “building subcode of the Uniform Construction Code” be inserted.

iv. In Section 3103.2, Approval required, the first sentence and the exceptions shall be deleted in their entirety and the following shall be inserted:

“Tents, tensioned membrane structures, and canopies meeting the following criteria shall be subject to the permitting requirements of N.J.A.C. 5:70-2.7. Tents and tensioned membrane structures that do not meet these criteria in (1) through (5) require a construction permit pursuant to the Uniform Construction Code.

(1) The tent, tensioned membrane structure, or canopy is less than 140 feet in any dimension and less than 16,800 square feet in area whether it is one unit or is composed of multiple units. For the purposes of applying this, tents that are more than five feet apart, regardless of whether they are connected by a walkway, shall be counted as separate tents. If tents are closer than five feet, the tents shall be counted as the same tent;

(2) The tent, tensioned membrane structure, or canopy remains in place or will remain in place for fewer than 180 days;

(3) The tent, tensioned membrane structure, or canopy is used or occupied only between April 1 and November 30;

(4) The tent, tensioned membrane structure, or canopy does not have a permanent anchoring system or foundation. A construction permit shall be required for the original installation of a permanent anchoring system foundation. In addition, a construction permit shall be required each time a tent is erected on a portable anchoring system; and

(5) The tent, tensioned membrane structure, or canopy does not contain platforms or bleachers greater than 11 feet in height.”

v. Section 3103.3, Place of assembly, shall be deleted in its entirety.

vi. Section 3103.4, Permits, shall be deleted in its entirety.

vii. Section 3103.5, Use period, shall be deleted in its entirety.

viii. In Section 3103.6, Construction documents, the following shall be inserted as the last sentence: “A construction permit shall be obtained for heating, ventilation, or electrical equipment that requires a construction permit pursuant to the Uniform Construction Code.”

ix. In Section 3103.8.2, Location, in the first sentence, “20 feet (6069 mm)” shall be deleted and “5 feet” shall be inserted. The second sentence shall be deleted in its entirety. In addition, in Exception 1, “15,000 square feet (1394 m<2>)” shall be deleted and “16,800 square feet” shall be inserted. Finally, Exception 2 shall be deleted in its entirety.

x. Section 3103.8.3, Location of structures in excess of 15,000 square feet in area, shall be deleted in its entirety.

xi. Section 3103.8.4, Membrane structures on buildings, the text, “Section 3102 of the International Building Code” shall be deleted and

the text “the building subcode of the Uniform Construction Code” shall be inserted.

xii. In Section 3103.8.5, Connecting corridors, the last sentence shall be deleted and the following shall be inserted: “Corridors connecting tents that are at least five feet in length or greater shall have openings on each side of the corridor that are opposite each other and that are equal to width of the required means of egress.”

xiii. Section 3103.8.6, Fire break, shall be deleted in its entirety.

xiv. Section 3103.9.1, Tents and membrane structures exceeding one story, the text, “Chapter 16 of the International Building Code” shall be deleted, and the text “building subcode of the Uniform Construction Code” shall be inserted.

xv. Section 3103.10 through 3103.10.4, Temporary air supported and air-inflated membrane structures, shall be deleted in its entirety.

xvi. In Table 3103.12.2, Minimum Number of Means of Egress and Means of Egress Widths from Temporary Membrane Structures, Tents and Canopies, Note [a] shall be deleted in its entirety.

xvii. In Section 3103.12.6.1, Exit sign illumination, in the second sentence of Item 2, “the ICC Electrical Code” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xviii. In Section 3103.12.8, Maintenance of means of egress, in the second sentence, “8 feet (2438 mm)” shall be deleted and “7 feet” shall be inserted.

xix. In Section 3104.1, General, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xx. New Section 3104.4.1, Certification of vinyl tent fabric, shall be inserted as follows: “For a vinyl tent, a Certificate of Flame Resistance from the manufacturer, indicating that the fabric meets the applicable flame propagation performance criteria of NFPA 701, shall be accepted as meeting the requirements of 2. through 5. above.”

xxi. In Section 3104.7, Open or exposed flame, a new exception shall be inserted as follows: “Exception: Cooking tents as per Section 3104.15.”

xxii. Section 3104.11, Clearance, shall be deleted in its entirety.

xxiii. In Section 3104.15.1, Installation, “the International Mechanical Code and the International Fuel Gas Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code and the fuel gas subcode of the Uniform Construction Code” shall be inserted.

xxiv. In Section 3104.15.2, Venting, in the first sentence, “the International Fuel Gas Code and the International Mechanical Code” shall be deleted and “the fuel gas subcode of the Uniform Construction Code and the mechanical subcode of the Uniform Construction Code” shall be inserted.

xxv. In Section 3104.15.3, Location, the first sentence shall be deleted in its entirety and the following shall be inserted: “Suitable barricades shall be provided to maintain a distance of 5 feet between the heat producing appliances and the public.”

xxvi. In Section 3104.15.5, Cooking tents, in the first sentence, “20 feet (6096 mm)” shall be deleted and “5 feet” shall be inserted. In addition, the following exceptions shall be inserted: “Exceptions:

1. Cooking tents are not required to be separated from other cooking tents.

2. Cooking tents shall be separated from other tents having more than 25 percent of the tent perimeter enclosed with sidewalls or drops or membrane structures with an occupant load of 50 or greater by a minimum of 20 feet (6096 mm).”

xxvii. Section 3104.15.6, Outdoor cooking, shall be deleted in its entirety.

xxviii. In Section 3104.15.7, Electrical heating and cooking equipment, “the ICC Electrical Code” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xxix. 3104.16.1, General, “International Fuel Gas Code” shall be deleted and “fuel gas subcode of the Uniform Construction Code” shall be inserted.

xxx. In Section 3104.16.2, Location of containers, in the first sentence, “or on the exterior perimeter of a canopy” shall be inserted after “outside.”

xxxi. Section 3104.16.2.1, Containers 500 gallons or less, the following text shall be deleted “500 gallons or less. Portable LP gas

containers with a capacity of 500 gallons (1893 L) or less shall have a minimum separation between the container and structure not less than 10 feet (3048 mm)." The following text shall be inserted after "Containers," "LP-gas containers shall be located a minimum of 5 feet from any heat producing appliance."

xxxii. Section 3104.16.2.2, Containers more than 500 gallons, shall be deleted.

xxxiii. Section 3104.18.1, Batteries, shall be deleted in its entirety.

xxxiv. In Section 3104.18.4, Places of assembly, item 2 shall be deleted in its entirety, and item 3 shall be renumbered as item 2.

xxxv. In Section 3104.21, Vegetation removal, "30 feet (9144 mm)" shall be deleted and "20 feet" shall be inserted.

xxxvi. In Section 3104.22, Waste material, in the first sentence, "30 foot (9144 mm)" shall be deleted and "20 foot" shall be inserted.

xxxvii. In Section 3105.2, Approval, the text shall be deleted and the following text inserted, "Temporary stage canopies shall be approved as required by Section 3103.1."

xxxviii. Section 3105.3, Permits, shall be deleted in its entirety.

xxxix. Section 3105.4, Use period, shall be deleted in its entirety.

xl. Section 3105.5, Required documents, in 1, the words "International Building Code" shall be deleted and the words "Uniform Construction Code" inserted.

32. Chapter 32, High-Piled Combustible Storage, shall be amended as follows:

i. Section 3201.2, Permits, shall be deleted in its entirety.

ii. In Section 3201.3, Construction documents, the first and second sentences shall be deleted. In addition, in the third sentence, "Following approval of the plans, a" shall be deleted. The sentence shall begin with "A".

iii. Section 3206, General Fire Protection and Life Safety Features, shall be deleted in its entirety. In addition, Table 3206.2, General Fire Protection and Life Safety Requirements, shall be deleted in its entirety.

iv. Section 3207, Solid-Piled and Shelf Storage, shall be deleted in its entirety.

v. Section 3208, Rack Storage, shall be deleted in its entirety. In addition, Table 3208.3, Required Flue Spaces for Rack Storage, shall be deleted in its entirety.

vi. Section 3209, Automated Storage, shall be deleted in its entirety.

vii. Section 3210, Specialty Storage, shall be deleted in its entirety.

33. Chapter 33, Fire Safety During Construction and Demolition, shall be amended as follows:

i. In Section 3303.1, Listed, "the International Mechanical Code or the International Fuel Gas Code" shall be deleted and "the mechanical subcode of the Uniform Construction Code or the fuel gas subcode of the Uniform Construction Code" shall be inserted.

ii. In Section 3303.3, LP-gas heaters, "the International Fuel Gas Code" shall be deleted and "the fuel gas subcode of the Uniform Construction Code" shall be inserted.

iii. In Section 3304.7, Electrical, "NFPA 70" shall be deleted and "the electrical subcode of the Uniform Construction Code" shall be inserted.

iv. Section 3313.1, Where required, shall be deleted in its entirety.

v. Section 3313.2, Buildings being demolished, shall be deleted in its entirety.

vi. Section 3313.3, Detailed requirements, shall be deleted in its entirety.

vii. Section 3314.1, Completion before occupancy, the text "International Building Code" shall be deleted, and the text "building subcode of the Uniform Construction Code" shall be inserted.

viii. Section 3317.1, General, shall be deleted in its entirety.

34. Chapter 34, Tire Rebuilding and Tire Storage, shall be amended as follows:

i. Section 3401.2, Permit required, shall be deleted in its entirety.

ii. In Section 3403.1, Construction, the text "the International Building Code" shall be deleted and the text "the construction code in effect at the time of construction" shall be inserted.

35. Chapter 35, Welding and Other Hot Work, shall be amended as follows:

i. Section 3501.2, Permits, shall be deleted in its entirety.

ii. In Section 3502, Definitions, "hot work permits" shall be deleted in its entirety.

iii. In Section 3503.1, General, "and NFPA 51B" shall be inserted at the end of the sentence after "chapter."

iv. In the title of Section 3503.3, "permit" shall be deleted. In the sentence that starts with "Hot Work permits," "permits" shall be deleted and replaced with "approvals."

v. In Section 3503.4, Qualifications of operators, in the first sentence, "A permit" shall be deleted. The sentence shall begin with "Approval."

vi. In Section 3503.5, Records, at the end of the first sentence, "in accordance with Section 3504.3.1" shall be deleted.

vii. In Section 3506.4, Emergency disconnect, in the second sentence, "NFPA 70" shall be deleted and "the electrical subcode of the Uniform Construction Code" shall be inserted.

36. Chapter 36, MARINAS, shall be amended as follows:

i. Section 3601.2, Plans and approvals, shall be deleted in its entirety.

ii. In Section 3603.2, Sources of ignition, after "shall", the text "be approved" shall be deleted and the text "not be permitted" shall be inserted.

iii. In Section 3603.5, Electrical equipment, after "shall be", the text "installed and" shall be deleted.

iv. In Section 3604.1, General, after "in accordance with", the text "Sections, 3604.2 through 3604.6" shall be deleted and the text "Section 3604.4" shall be inserted.

v. Section 3604.2, Standpipes, shall be deleted in its entirety.

vi. Section 3604.3, Access and water supply, shall be deleted in its entirety.

vii. Section 3604.6, Emergency operations staging areas, shall be deleted in its entirety.

37. Chapter 37, Combustible Fibers, shall be amended as follows:

i. Section 3701.3, Permits, shall be deleted in its entirety.

ii. In Section 3703.5, Dust collection, "Section 511 of the International Mechanical Code" shall be deleted and "the mechanical subcode of the Uniform Construction Code" shall be inserted.

iii. In Section 3704.3, Storage of more than 100 cubic feet to 500 cubic feet, the text "Section 707 of the International Building Code," "Section 711 of the International Building Code," and "International Building Code" shall be deleted and "building subcode of the Uniform Construction Code" inserted.

iv. In Section 3704.4, Storage of more than 500 cubic feet to 1,000 cubic feet, the text, "Section 707 of the International Building Code," "Section 711 of the International Building Code," and "International Building Code" shall all be deleted and "building subcode of the Uniform Construction Code" inserted.

v. In Section 3704.5, Storage of more than 1,000 cubic feet, the text, "Section 707 of the International Building Code," "Section 711 of the International Building Code," and "International Building Code" shall all be deleted and "building subcode of the Uniform Construction Code" inserted.

38. Chapter 38 is reserved.

39. Chapter 39 is reserved.

40. Chapter 40 is reserved.

41. Chapter 41 is reserved.

42. Chapter 42 is reserved.

43. Chapter 43 is reserved.

44. Chapter 44 is reserved.

45. Chapter 45 is reserved.

46. Chapter 46 is reserved.

47. Chapter 47 is reserved.

48. Chapter 48 is reserved.

49. Chapter 49 is reserved.

50. Chapter 50, Hazardous Materials—General Provisions, shall be amended as follows:

i. Section 5001.1.1, Waiver, shall be deleted in its entirety.

ii. In Section 5001.2.2.2, Health hazards, new Item 3 shall be inserted as follows: "3. Radioactive materials."

iii. In Section 5001.5, Permits, "Sections 105.6 and 105.7" shall be deleted and "Subchapter 2 of the Uniform Fire Code" shall be inserted.

iv. In Section 5001.5.1, Hazardous Materials Management Plan, in the first sentence, "or life hazard use registration" shall be inserted after "permit."

v. In Section 5001.5.2, Hazardous Materials Inventory Statement (HMIS), in the first sentence, “or life hazard use registration” shall be inserted after “permit.”

vi. In Section 5001.6.2, Permanently out-of-service facilities, in the first sentence, “required” shall be inserted before “permit” and “or life hazard use registration” shall be inserted after “permit.” In addition, in the second sentence, “and life hazard use facilities” shall be inserted after “permittees.”

vii. In Section 5002, Definitions, “Radioactive Material,” shall be inserted after Pressure Vessel and defined in Chapter 2 Definitions.

viii. In Table Table 5003.1.1(1), Maximum Allowable Quantity per Control Area of Hazardous Materials Posing a Physical Hazard, in footnotes p.3 and p.4, “International Fuel Gas Code” and “International Mechanical Code” shall be deleted and “fuel gas subcode of the Uniform

Construction Code” and “mechanical subcode of the Uniform Construction Code,” respectively, shall be inserted.

ix. In Table 5003.1.1(2), Maximum Allowable Quantity per Control Area of Hazardous Materials Posing a Health Hazard<a,b,c,j>, and Table 5003.1.1(4), Maximum Allowable Quantity per Control Area of Hazardous Materials Posing a Health Hazard in an Outdoor Control Area<a,b,c>, the following text shall be inserted as the fourth row of Table 5003.1.1(2) under “Material,” “Storage<d>,” “Use-Closed Systems<d>,” and “Use-Open Systems<d>.” Add footnote “k. Maximum dosage allowed in any single whole-body short term (1 hour or less) exposure.” The following text shall be inserted as the fourth row of Table 5003.1.1(4) under “Material,” “Storage,” “Use-Closed Systems,” and “Use-Open Systems.” Add footnote “h. Maximum dosage allowed in any single whole-body short term (1 hour or less) exposure.”

TABLE 5003.1.1(2)

MATERIAL	STORAGE SYSTEM<d>	USE-CLOSED SYSTEM<d>	USE-OPEN SYSTEM<d>
“Radioactive<k>	25 REM unsealed	100 REM sealed	25 REM sealed
	source	source	source
	100 REM sealed		
	source		

j. Maximum dosage allowed in any single whole body short term (1 hour or less) exposure.”

TABLE 5003.1.1(4)

MATERIAL	STORAGE SYSTEM	USE-CLOSED SYSTEM	USE-OPEN SYSTEM
“Radioactive<h>	25 REM unsealed	100 REM sealed	25 REM sealed
	source	source	source
	100 REM sealed		
	source		

“h. Maximum dosage allowed in any single whole body short term (1 hour or less) exposure.”

x. In Section 5003.2.2.2 Additional regulations for supply piping for health-hazard materials, the text in the exception “International Building Code” shall be deleted and the text “building subcode of the Uniform Construction Code” shall be inserted.

xi. In Section 5003.2.8, Seismic protection, the text “the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

xii. In Section 5003.7.3, Industrial Trucks, “NFPA 70” shall be deleted and “electrical subcode of the Uniform Construction Code” shall be inserted.

xiii. In Section 5003.8.1, Buildings, in the first sentence, “maintained as” shall be inserted before “constructed.” In addition, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xiv. In Section 5003.8.3.1, Construction requirements, “maintained as” shall be inserted before “separated.” In the same section, the text “Section 707 of the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted. In addition, “Section 711 of the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xv. In Section 5003.8.3.2, Percentage of maximum allowable quantities, “Table 5003.8.3.2” shall be deleted and “the Uniform Construction Code” shall be inserted.

xvi. In Section 5003.8.3.3, Number, “Table 5003.8.3.2” shall be deleted and “the Uniform Construction Code” shall be inserted.

xvii. In Section 5003.8.3.4, Fire-resistance rating requirements, in the first sentence, the text “Table 2703.8.3.2” shall be deleted and the text “the Uniform Construction Code” shall be inserted. In addition, the second sentence and the exception shall be deleted in their entirety.

xviii. In Section 5003.8.4.1, Construction, in the second sentence, the text “the International Building Code based on the occupancy group into which it has been classified” shall be deleted and the text “building subcode of the Uniform Construction Code” shall be inserted.

xix. In Section 5003.8.4.2, Ventilation system, in the second sentence, the text “the International Mechanical Code” shall be deleted and the text “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xx. In Section 5003.8.5.2, Ventilation, in the third sentence, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xxi. In Section 5003.8.6.2, Ventilation, in the third sentence, the text “the International Mechanical Code” shall be deleted and the text “the

mechanical subcode of the Uniform Construction Code” shall be inserted.

xxii. In Section 5003.8.7.1, Construction, “NFPA 70” shall be deleted and “electrical subcode of the Uniform Construction Code” shall be inserted.

xxiii. In Section 5003.9.4, Electrical wiring and equipment, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xxiv. In Section 5003.9.5, Static accumulation, after “charge,” “in accordance with NFPA 77” shall be inserted at the end of the sentence.

xxv. In Section 5003.9.9, Shelf storage, in the first sentence, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xxvi. In Section 5004.2.2.6, Drainage system design, “International Plumbing Code” shall be deleted and “plumbing subcode of the Uniform Construction Code” shall be inserted.

xxvii. In Section 5004.3.1, System requirements, the text shall be deleted in its entirety and the following text shall be inserted: “Exhaust ventilation systems installation shall be in accordance with the Uniform Construction Code.”

xxviii. In Section 5004.5, Automatic sprinkler systems, in the first sentence, “Section 903.3.1.1” shall be deleted and “the fire subcode of the Uniform Construction Code” shall be inserted. In addition, the second and third sentences shall be deleted in their entirety.

xxix. In Section 5004.7, the text “Section 604” shall be deleted and the text “the electrical subcode of the Uniform Construction Code and” shall be inserted after “with”.

xxx. In Section 5004.13, Weather protection, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xxxi. In Section 5005.1.5, Standby or emergency power, “Section 604” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xxxii. In Section 5005.2, Indoor dispensing and use, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xxxiii. In Section 5005.3.9, Weather protection, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xxxiv. New Section 5006, Hazardous Material Tank Vehicles, shall be inserted as follows: “Section 2706 Hazardous Material Tank Vehicles”.

xxxv. Insert “5006.1 Vehicle transportation. The provisions of this subsection apply to vehicles for transportation of hazardous materials.”

xxxvi. Insert “5006.1 Operation. Vehicles shall be operated as follows:

1. Vehicles shall not be parked or left unattended on any street, highway, avenue or alley, provided that this shall not prevent a driver from the necessary absence from the vehicle in connection with the delivery of the load, except that during actual discharge of the load some responsible person shall be present at the vehicle, nor shall it prevent stops for meals during the day or night if the street is well lighted at point of parking. Vehicles shall not be parked out of doors at any one point for longer than one hour except at flammable liquid bulk terminals, bulk plants and other locations approved by the fire official.

2. Vehicles shall not be parked or garaged in any building or structure other than those specifically approved for such use in accordance with the construction code in effect at the time of first occupancy.”

xxxvii. Insert “5006.3 Loading and discharging. The driver, operator or attendant of any vehicle shall not leave the vehicle while it is being filled or discharged. Delivery hose, when attached to a tank vehicle, shall be considered to be a part of the tank vehicle. When making or breaking hose connections; the motors of tank trucks or tractors shall be shut down. If loading or unloading is done without the use of a power pump, the tank truck or tractor motor shall be shut down throughout such operations.”

xxxviii. Section 5007, Radioactive Materials, shall be inserted as follows: “Section 2707 Radioactive Materials”.

xxxix. Insert “5007.1 Scope. Unless preempted by the requirements of any federal, state or local agency, this chapter shall apply to the

storage of radioactive materials, except that this chapter shall not apply to units generating induced radioactivity, such as X-ray machines and accelerators capable of immediate shut down. Radioactive materials shall be used, stored and handled in an approved manner minimizing the personnel hazards and property damage by radioactive contamination resulting from fires and explosions.”

xl. Insert “5007.2 Maximum amounts. The maximum amount of radioactive material stored in one control area shall either be 25 rem whole-body short-term (1 hour or less) radiation dose from an unsealed source or 100 rem whole-body short-term (1 hour or less) radiation dose from a sealed source.”

xli. Insert “5007.3 Definitions. The following words and terms shall, for the purposes of this chapter and as stated elsewhere in this code, have the meanings shown herein.

Radioactive material: Any material or combination of materials that spontaneously emits ionizing radiation.

Sealed source: A quantity of radiation enclosed to prevent the escape of any radioactive material, but at the same time permitting radiation to come out for use.”

xlii. Insert “5007.4 Maintenance. All storage areas of radioactive materials in any quantity shall comply with Sections 2707.4.1 through 2707.6.”

xliii. Insert “5007.4.1 Signs. Durable and clearly visible signs, warning of radiation dangers shall be provided at all entrances to areas or rooms where radioactive materials are used or stored. Additionally, each container in which radioactive materials are used, stored or transported shall bear the three-bladed radiation symbol in magenta or purple on a yellow background.”

xliv. Insert “5007.4.1.1 Signs not required. Signs are not required for storage of manufactured articles other than liquids, such as instruments, clock dials, electronic tubes or apparatus in which radioactive materials are a component part, and luminous compounds, where securely packed in strong containers, provided the gamma radiation at any surface of the package is less than 10 milliroentgen in 24 hours.”

xlv. Insert “5007.5 Containers. When not in use, radioactive materials shall be kept in adequately shielded fire resistant containers designed such that the gamma radiation will not exceed 200 milliroentgen per hour or equivalent at any point on the container surface to which ready access is provided.”

xlvi. Insert “5007.6 Outside storage. Outside storage of radioactive materials shall not be permitted within 25 feet (7620 mm) of an interior lot line, public way, exit discharge or exterior wall opening. The separation distance shall not apply where a 2-hour fire separation wall extending not less than 30 inches (762 mm) above and to the sides of the storage area is provided.”

51. Chapter 51, Aerosols, shall be amended as follows:

- i. In Section 5101.1, Scope, “the International Building Code” shall be deleted and “the construction code in effect at the time of construction” shall be inserted.

- ii. Section 5101.2, Permit required, shall be deleted in its entirety.

52. Chapter 52 is reserved.

53. Chapter 53, Compressed Gases, shall be amended as follows:

- i. In Section 5301.1, Scope, in the fourth and sixth paragraphs, “the International Fuel Gas Code” and in exception 2, “the International Fuel Gas Code” shall be deleted and “the fuel gas subcode of the Uniform Construction Code” shall be inserted.

- ii. Section 5301.2, Permits, shall be deleted in its entirety.

- iii. In Section 5303.7.6, Heating, in the second sentence, “the International Mechanical Code and NFPA 70” shall be deleted and “the mechanical and electrical subcodes of the Uniform Construction Code” shall be inserted.

- iv. In Section 5303.8, Wiring and equipment, in the first sentence, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

- v. In Section 5303.16.1, Listing required, in the exception, “the International Building Code” and “Section 1707 of the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

- vi. In Section 5303.16.2, Design and construction, in the fourth sentence of the second paragraph, “the International Building Code”

shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

vii. In Section 5303.16.9, Ventilation, in the seventh sentence, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

viii. In Section 5303.16.11, Liquid removal, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

ix. In Section 5303.16.14, Classified area, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

x. In Section 5305.5, Venting, in the second sentence, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xi. In Section 5306.2.1, One-hour exterior room, in the first sentence, “Section 707 of the International Building Code” and “Section 711 of the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xii. In Section 5306.2.2, One-hour interior room, in the fourth sentence, “the International Mechanical Code and be provided at a minimum rate of 1 cubic foot per minute per square foot [0.00508 m<sup>3</sup>]/(s m<sup>2</sup>)] of the area of the room” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xiii. Section 5307.2, Permits, shall be deleted in its entirety.

xiv. In Section 5307.5, Ventilation, “the International Mechanical Code” shall be deleted and “the Mechanical subcode of the Uniform Construction Code” shall be inserted.

xv. Section 5309, STORAGE OF PORTABLE COMPRESSED GAS CONTAINERS AWAITING USE OR RESALE, shall be added as follows:

“5309 STORAGE OF PORTABLE COMPRESSED GAS CONTAINERS AWAITING USE OR RESALE

5309.1 General. The storage of portable compressed gas containers in conjunction with a cylinder exchange program shall comply with Sections 5308.2 through 5308.8 and other applicable sections of this chapter and Chapter 50.

Exception: LP-gas containers regulated under Section 6109.

5309.2 Security. The operator of a compressed gas cylinder exchange program shall ensure that exchange cylinders are properly secured in accordance with Sections 5303.5 and 5303.6.

5309.3 Attendance. Only properly trained employees shall remove cylinders from or place cylinders in the cylinder exchange cabinet. All employees who exchange cylinders must be properly trained and know how to check for leaks and what emergency procedures to follow if a leak is discovered. Self-service cylinder exchange cabinets are prohibited.

5309.4 Storage. All cylinders shall be stored in accordance with Section 5304. Cylinders in storage shall be located in a manner which minimizes exposure to excessive temperature rise, physical damage or tampering.

5309.4.1 Incompatible materials. Incompatible materials shall be separated in accordance with Section 5303.7.

5309.5 Location of storage outside buildings. Compressed gas cylinder exchange cabinets shall not be located within 25 feet (7620 mm) of any exterior building opening.

5309.6 Storage area signs. The following signs legibly marked are to be affixed to the cylinder exchange cabinet “No smoking” and “Compressed gas.” “No smoking” signs shall comply with the provisions of Section 310. Hazard identification signs complying with Section 2703.5 shall be provided.

5309.7 Portable fire extinguishers. Portable fire extinguishers complying with Section 906 shall be provided.

5309.8 Ventilation. The owner of a compressed cylinder gas exchange program shall ensure that proper ventilation is maintained at all times in all locations where cylinders are stored.”

54. Chapter 54, Corrosive Materials, shall be amended as follows:

i. Section 5401.2, Permits, shall be deleted in its entirety.

55. Chapter 55, Cryogenic Fluids, shall be amended as follows:

i. Section 5501.2, Permits, shall be deleted in its entirety.

ii. In Section 5503.1.2, Concrete containers, the first sentence shall be deleted in its entirety.

iii. In Section 5503.5.2, Securing of containers, in the first sentence, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

iv. In Section 5503.6, Electrical wiring and equipment, the text “NFPA 70” shall be deleted, and the text “the electrical subcode of the Uniform Construction Code” shall be inserted.

v. In Section 5503.6.2, Electrical grounding and bonding, the text “NFPA 70” shall be deleted, and the text “the electrical subcode of the Uniform Construction Code” shall be inserted.

vi. In Section 5504.2.1.2, Construction of indoor areas, the text “International Building Code” shall be deleted and the text “subcode of the Uniform Construction Code” shall be inserted.

vii. In Section 5504.2.1.3, Ventilation, the text “the International Mechanical Code” shall be deleted and the text “the mechanical subcode of the Uniform Construction Code” shall be inserted.

viii. In Section 5504.2.2.2, Construction of indoor areas, the text “the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

ix. In Section 5504.2.2.3, Ventilation, the text “the International Mechanical Code” shall be deleted and the text “the mechanical subcode of the Uniform Construction Code” shall be inserted.

x. In Section 5505.4.1, Dispensing areas, in the second sentence, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xi. In Section 5505.4.1.1, Ventilation, in the sentence, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

56. Chapter 56, Explosives and Fireworks, shall be amended as follows:

i. Section 5601.2, Permit required, shall be deleted in its entirety.

ii. Section 5601.2.2, Sale and retail display, shall be amended as follows: In the first sentence, “manufacture, store,” shall be inserted before “offer.” In addition, “or expose” shall be inserted after “offer.” Finally, “upon highways, sidewalks, public property, or in Group A or E occupancies” shall be deleted and “except for the approved supervised display of fireworks” shall be inserted.

iii. In Section 5601.2.4, Financial responsibility, the text shall be deleted and “before a permit is issued, as required by N.J.A.C. 5:70-2.7, the applicant must comply with Sections 5601.2.4.1 through 5601.2.4.4” shall be inserted.

iv. In 5601.2.4.1, Blasting, the first and only sentence shall be deleted and the following shall be inserted: “Any self-employed person in possession of a valid permit to use explosives for blasting purposes, issued by the New Jersey Department of Labor pursuant to N.J.A.C. 12:190-3.11, shall have an insurance coverage for blasting damage of not less than \$ 500,000 for property damage including explosion, collapse, and underground utility damage and of \$ 500,000 to \$ 1,000,000 for personal injury.

1. Any person in possession of a valid permit to use explosives for blasting purposes, as outlined above, and who is not self-employed, shall not use explosives unless the employer is insured as specified above.

2. Proof of the possession of a valid insurance policy covering blasting damage shall be readily available for inspection at the site.

3. Nothing in this section shall be construed as preventing greater insurance coverage for damage from blasting when requested by any person for whom blasting is being performed.”

v. In Section 5601.2.4.2, Fireworks display, the first and only sentence shall be deleted and the following shall be inserted: “The governing body of the municipality shall require insurance in a sum not less than \$ 500,000 conditioned for the payment of all damages, which may be caused either to a person or persons or to property, by reason of the display so as aforesaid permitted, and arising from any acts of the permit holder, his agents, employees, or subcontractors. Such surety shall run to the municipality in which the permit is granted, and shall be for the use and benefit of any person, persons, or the owner or owners of any property so damaged, who is or are authorized to maintain an action thereon, or his or their heirs, executors, administrators, successors, or assigns.”

vi. A new Section 5601.2.4.3, Municipal resolution, shall be inserted as follows: “5601.2.4.3 Municipal resolution. The governing body of any municipality may, upon application in writing accompanied by proof of proper insurance coverage, grant permission by resolution, for the public display of fireworks by municipalities, religious, fraternal or civic organizations, fair associations, amusement parks, or other organizations or groups of individuals approved by the governing body of such municipality to whom the application is made. After such permission shall have been granted, and a permit shall have been issued by the fire official, pursuant to N.J.A.C. 5:70-2.7, the possession and use of fireworks for such display shall be lawful for that purpose only.”

vii. A new Section 5601.2.4.4, Application shall be inserted as follows: “5601.2.4.4 Application. Application for permits for display or discharge shall be made in writing at least 15 days in advance of the date of the display or discharge of fireworks. A permit granted hereunder shall not be transferable, nor shall any such permit be extended beyond the dates set out therein. All applications for permits shall set forth the date, the hour, the place of making such display, and the place for storing of fireworks prior to the display. The application shall also contain the names of the person, persons, firm, partnership, corporation, association, or group of individuals making the display, and the name of the person or persons in charge of the igniting, firing, setting-off, exploding or causing to be exploded such fireworks. The location of the storage place shall be subject to the approval of the fire official of the jurisdiction.”

viii. In Section 5604.2, Magazine required, in Exception 2, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

ix. In Table 5604.5.2(3), Table of distances (Q-D) for buildings and magazines containing explosives—Division 1.4, in Footnote a, the text “International Building Code” shall be deleted and the text “building subcode of the Uniform Construction Code” shall be inserted.

x. In Section 5605.5, Buildings and equipment, “and constructed in accordance with the requirements of the International Building Code for Group H occupancies” shall be deleted.

xi. In Section 5607.1, General, the first and only sentence shall be deleted and the following shall be inserted: “The handling and firing of explosives shall be performed in accordance with NFPA 495 by the person possessing a permit to use explosives issued by the N.J. Department of Labor pursuant to N.J.A.C. 12:190 or by employees under that person’s direct supervision who are at least 18 years old.”

xii. A new Section 5607.16, Magazines clearance, shall be inserted as follows: “5607.16 Magazines clearance. At the site of blasting operations, a distance of at least 150 feet shall be maintained between magazines and the blast area when the quantity of explosives temporarily kept therein is in excess of 25 pounds, and at least 50 feet when the quantity of explosives is 25 pounds or less. When site restrictions are such that the distance specified herein cannot be met, then the magazine shall be moved from the site the required distance when the blasting is actually to be performed.”

xiii. A new Section 5608.2.2.1 shall be inserted as follows: “5608.2.2.1 The use of what are technically known as fireworks showers, or of any composition containing potassium and sulfur, in theaters or public halls, shall be subject to prior approval by the fire official and the following conditions shall apply:

1. The building was designed and constructed to accommodate such activity in accordance with the Uniform Construction Code.

2. Fireworks shall be discharged and operated in accordance with manufacturer’s directions and specifications.

3. The owner/operator shall provide a full demonstration to the fire official prior to final operation.

4. Fireworks shall be discharged so as not to endanger the public by escape of any hot particles from the stage area.

5. A fire watch, with proper extinguishing equipment as approved by the fire official shall be maintained during the operation at both sides of the stage area.”

57. Chapter 57, Flammable and Combustible Liquids, shall be amended as follows:

i. In Section 5701.3, Referenced documents, “the International Building Code and the International Mechanical Code” shall be deleted

and “the building subcode of the Uniform Construction Code and the mechanical subcode of the Uniform Construction Code” shall be inserted.

ii. Section 5701.4, Permits, shall be deleted in its entirety.

iii. In Section 5703.1, Electrical, “NFPA 70” shall be deleted and “electrical subcode of the Uniform Construction Code” shall be inserted.

iv. In Table 5703.1.1, Class 1 electrical equipment locations, in footnote a, “NFPA 70” shall be deleted and “electrical subcode of the Uniform Construction Code” shall be inserted.

v. In Section 5703.1.3, Other applications, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

vi. In Section 5703.6.1, Nonapplicability, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

vii. In Section 5704.2.7.7, Design of supports, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

viii. In Section 5704.2.8.1, Listing required, in the first sentence, “the International Building Code” and “Section 1707 of the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

ix. In Section 5704.2.8.9, Ventilation, in the last sentence, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

x. In Section 5704.2.8.12, Liquid removal, in the third sentence, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xi. In Section 5704.2.8.17, Classified area, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xii. In Section 5704.2.9.3, Supports, foundations and anchorage, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xiii. In Section 5704.2.9.3, Stairs, platforms and walkways, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xiv. In the title of Section 5704.2.9.6.1, “prohibited” shall be deleted and “permitted” shall be inserted. In addition, the first sentence shall be deleted and the following shall be inserted: “Storage of Class I and II liquids in above ground tanks shall be permitted outside of buildings in accordance with NFPA 30.”

xv. Section 5704.2.13.1.4, Tanks abandoned in place, shall be deleted in its entirety.

xvi. In Section 5704.2.14, Removal and disposal of tanks, “and 3404.2.14.2” shall be deleted and “through 3404.2.14.3” shall be inserted.

xvii. In Section 5704.2.14.1, Removal, “and underground” shall be deleted.

xviii. In Section 5704.2.14.2, Disposal, “federal, state and local regulations” shall be deleted and “the New Jersey Department of Environmental Protection regulations” shall be inserted.

xix. New Section 5704.2.14.3 shall be inserted as follows: “3404.2.14.3 Underground tanks shall be removed or abandoned in place in accordance with the applicable requirements of Uniform Construction Code and the New Jersey Department of Environmental Protection.”

xx. In Section 5704.3.1.1, Approved containers, the following shall be inserted as the second sentence: “Portable containers intended to hold 10 gallons or less and to be used for gasoline or other flammable liquid shall be red in color. The name of the flammable liquid shall be prominently displayed on the container in bold letters of a contrasting color. The containers shall be of metal or approved plastic with a spring loaded or screw cap. Containers for kerosene shall be blue in color.”

xxi. New Section 5704.3.1.1.1, Signs, shall be inserted as follows: “5704.3.1.1.1 Signs. Wherever flammable liquids or kerosene are dispensed into or offered for sale in containers, there shall be a prominent sign located in a conspicuous location indicating the required color and construction of portable containers for each product sold. The sign shall not be less than 12 inches in the least dimension.”

xxii. In Section 5704.3.3.5, Shelf storage, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xxiii. In Section 5704.3.7.1, General, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xxiv. In Section 5704.3.8, Liquid storage warehouses, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xxv. In Section 5705.3.4, Location of processing vessels, in the Exception, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xxvi. In Section 5705.3.5.3, Quantities exceeding limits for control areas, in the second and third paragraphs, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xxvii. In Section 5705.3.7.1, Construction, location and fire protection, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xxviii. In Section 5705.3.7.2, Basements, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xxix. In Section 5705.3.7.3, Fire protection, “International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” shall be inserted.

xxx. In Section 5705.3.7.4, Doors, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xxxi. In Section 5705.3.7.5.1, Ventilation, in the fourth sentence, “the International Building Code and International Mechanical Code” shall be deleted and “the building and mechanical subcodes of the Uniform Construction Code” shall be inserted.

xxxii. In Section 5706.2, Storage and dispensing of flammable and combustible liquids on farms and construction sites, in the exception, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xxxiii. In Section 5706.2.3, Containers for storage and use, in the third paragraph, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xxxiv. In Section 5706.2.8, Dispensing from tank vehicles, in the sixth paragraph, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

xxxv. In Section 5706.4.1, Building construction, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xxxvi. In Section 5706.4.4, Ventilation, in the fourth sentence, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

xxxvii. In Section 5706.6.2.1, Parking near residential, educational and institutional occupancies and other high-risk areas, delete “chief” and insert “official” following “fire.”

58. Chapter 58, Flammable Gases and Flammable Cryogenic Fluids, shall be amended as follows:

i. In Section 5801.1, Scope, in the exception, the text “International Fuel Gas Code” shall be deleted and the text “the fuel gas subcode of the Uniform Construction Code” shall be inserted.

ii. Section 5801.2, Permits, shall be deleted in its entirety.

iii. In Section 5803.1.4, Ignition source control, in the Exception, “International Fuel Gas Code” shall be deleted and “fuel gas subcode of the Uniform Construction Code” shall be inserted.

iv. In Section 5803.1.5, Electrical, “NFPA 70” shall be deleted and “electrical subcode of the Uniform Construction Code” shall be inserted.

v. In Section 5803.1.5.1, Bonding of electrically conductive materials and equipment, the text “NFPA 70” shall be deleted and the text “the electrical subcode of the Uniform Construction Code” shall be inserted.

vi. In Section 5806.2 Limitations, the text “(see Section 3 of the Sample Legislation for Adoption of the International Fire Code)” shall be deleted and “.” shall be inserted after “prohibited.”

vii. In Section 5806.4.3 Depth, cover and fill, the text “International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

viii. In Section 5807.1.10, Electrical, the text “NFPA 70” shall be deleted and the text “the electrical subcode of the Uniform Construction Code” shall be inserted.

ix. In Section 5808.1, General, the text “International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

x. In Section 5808.3, Design and construction, the text “Section 509.1 of the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

xi. In Section 5808.3.2, Windows, the text “Section 716 of the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

59. Chapter 59, Flammable Solids, shall be amended as follows:

i. Section 5901.2, Permits, shall be deleted in its entirety.

ii. In Section 5906.2.2, Storage of greater than 1,000 cubic feet; “the International Building Code” shall be deleted and “the Uniform Construction Code” inserted.

iii. In Section 5906.2.3, Storage in combustible containers or within 30 feet of other combustibles, “the International Building Code” shall be deleted and “the Uniform Construction Code” inserted.

iv. In Section 5906.4.2, Storage of 50 to 1,000 cubic feet after in accordance with, “Section 707 of the International Building Code” shall be deleted and “the Uniform Construction Code” inserted.

v. In section 5906.5.5, Electrical equipment, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

vi. In Section 5906.5.6, Grounding, “NFPA 70” shall be deleted and “the electrical subcode of the Uniform Construction Code” shall be inserted.

60. Chapter 60, Highly Toxic and Toxic Materials, shall be amended as follows:

i. Section 6001.2, Permits, shall be deleted in its entirety.

ii. In Section 6003.1.3, Treatment system—highly toxic liquids, the text “the International Mechanical Code” shall be deleted and the text “the mechanical subcode of the Uniform Construction Code” shall be inserted.

iii. In Section 6003.1.4.2, Separation—highly toxic solids and liquids, the text “the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

iv. In Section 6003.2.3.2, Treatment system—highly toxic liquids, the text “International Mechanical Code” shall be deleted and the text, “mechanical subcode of the Uniform Construction Code” shall be inserted.

v. In Section 6004.2.2.7, Treatment systems, in the third sentence, the text “Sections 6004.2.2.7.1 through 6004.2.2.7.5 and Section 510 of the International Mechanical Code” shall be deleted and the text “the mechanical subcode of the Uniform Construction Code” shall be inserted.

vi. In Section 6004.2.2.8, Emergency power, after the text “Section 604”, the text “and in accordance with the electrical subcode of the Uniform Construction Code” shall be inserted.

vii. In Section 6005.3.1, Cabinets, in the second paragraph, the text “the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted. In addition, in the third paragraph, the text “the International Mechanical Code” shall be deleted and the text “the mechanical subcode of the Uniform Construction Code” shall be inserted.

viii. In Section 6005.3.2, Ozone gas generator room, in the first sentence, “the International Mechanical Code” shall be deleted and “the mechanical subcode of the Uniform Construction Code” shall be inserted.

61. Chapter 61, Liquefied Petroleum Gases, shall be amended as follows:

i. Section 6101.2, Permits, shall be deleted in its entirety.

ii. Section 6101.3, Construction documents, shall be deleted in its entirety.

iii. In Section 6103.1, General, “the International Fuel Gas Code” shall be deleted and “the fuel gas subcode of the Uniform Construction Code” shall be inserted.

iv. In Section 6103.2.1.7, Use for food preparation, “the International Fuel Gas Code, the International Mechanical Code” shall be deleted and “the fuel gas and mechanical subcodes of the Uniform Construction Code” shall be inserted.

v. In Section 6103.3, Location of equipment and piping, “the International Fuel Gas Code” shall be deleted and “the fuel gas subcode of the Uniform Construction Code” shall be inserted.

vi. Section 6104.2, Maximum capacity within established limits, shall be deleted in its entirety.

vii. Section 6104.3, Container locations, insert second sentence, “Containers shall not be located on roofs”.

viii. In Section 6106.1, Attendants, “or the exchange of LP-gas cylinders” shall be inserted after “LP-gas.”

ix. New Section 6106.4, Labeling, shall be inserted as follows: “6106.4 Labeling. Prior to filling any cylinder 4 to 40 pounds LP-Gas capacity, except fork lift cylinders, the operator of the fill plant or distribution plant shall affix a label to the collar of the cylinder that includes the following warning printed in English and in Spanish: ‘Flammable Gas - Never Use or Store Indoors/Gas Inflammable-Nunca Se Use o Guarde Adentro.’ In addition to this verbal warning, a label that graphically depicts the prohibition on bringing a cylinder indoors shall be affixed to the collar of the cylinder.” **\*The effective date of this subparagraph shall be January 1, 2019.\***

x. In Section 6107.4, Protecting containers from vehicles, the text “NFPA 58” shall be deleted and the text “Section 312” shall be inserted.

xi. New Section 6107.5, Container markings, shall be inserted as follows: “6107.5 Container markings. Containers of 100 pounds or more water capacity shall be legibly marked with a warning followed by the name of the gas contained. The warning label shall read ‘Flammable Gas’ followed by the name of the gas, such as ‘Propane’ or ‘Butane’”.

xii. New Section 6107.6, Storage area signs, shall be inserted as follows: “6107.6 Storage area signs. Storage areas having containers exceeding 100 pounds product water capacity shall be posted with adequate ‘No smoking’ and ‘Flammable Gas’ signs legibly marked. The ‘Flammable Gas’ sign shall be marked ‘Flammable Gas’ and the name of the gas to indicate the contents such as ‘Flammable Gas-Propane’ or ‘Flammable Gas-Butane’”.

xiii. New Section 6107.7, Marker plates, shall be inserted as follows: “6107.7 Marker plates. All LP-Gas installations exceeding 250 gallons individual or aggregate water capacity shall be provided with a marker plate or sign indicating who should be called in the event of an emergency involving the LP-Gas installation. The marker or sign shall include the following:

1. The name of the gas supplier, plant installer, owner, or operator who will respond to the emergency; and

2. The telephone number of that person.”

xiv. New Section 6107.8, Notification response, shall be inserted as follows: “6107.8 Notification Response. The LP-Gas supplier, plant installer, owner or operator indicated on the marker plate or sign required in Section 6107.7 above shall respond when notified to all LP-Gas emergencies occurring at the installation and shall maintain a 24-hour phone service.”

xv. New Section 6107.9, Fire or explosion, shall be inserted as follows: “6107.9 Fire or explosion. Whenever there is a fire or explosion or accident involving serious injury or loss of life as a result of an incident involving an LP-Gas installation, the responsible party as identified per Section 6107.7 above shall promptly notify the fire official of its occurrence.”

xvi. In Section 6109.6, Storage on roofs, “which are not connected for use” shall be deleted.

xvii. In Section 6109.11.2, Construction, “the International Building Code” shall be deleted and “the building subcode of the Uniform Construction Code” shall be inserted.

xviii. In Section 6109.15 LP-gas cylinder exchange for resale. In #2 the text “or by use of an automated exchange system in accordance with Section 6109.15.1” shall be deleted.

xix. ~~\*In~~\* Section 6109.15.1, Automated cylinder exchange stations~~{, shall be deleted in its entirety}~~\*. **\*Cylinder exchange stations that include an automated vending system for exchanging cylinders shall comply with the following additional requirements:**

1. **The vending system shall only permit access to a single cylinder per individual transaction.**

2. **Cabinets storing cylinders shall be designed such that cylinders can only be placed inside when they are oriented in the upright position.**

3. **Devices operating door releases for access to stored cylinders shall be permitted to be pneumatic, mechanical, or electrically powered.**

4. **Electrical equipment inside of or within five feet (1524 mm) of a cabinet storing cylinders including, but not limited to, electronics associated with vending operations, shall comply with the requirements for Class I, Division 2 equipment in accordance with NFPA 70.**

5. **A manual override control shall be permitted for use by authorized personnel. On newly installed cylinder exchange stations, the vending system shall not be capable of returning to automatic operation after a manual override until the system has been inspected and reset by authorized personnel.**

6. **Inspections shall be conducted by authorized personnel to verify that all cylinders are secured, access doors are closed, and the station has no visible damage or obvious defects that necessitate placing the station out of service. The frequency of inspections shall be as specified by the fire code official.\***

62. Chapter 62, Organic Peroxides, shall be amended as follows:

i. Section 6201.2, Permits, shall be deleted in its entirety.

ii. In Section 6204.1.2, Distance from detached storage buildings to exposures, the text “the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

63. Chapter 63, Oxidizers, Oxidizing Gases and Oxidizing Cryogenic Fluids, shall be amended as follows:

i. Section 6301.2, Permits, shall be deleted in its entirety

ii. In Section 6306.4, Maximum aggregate quantity, 2. both phrases “Section 707 of the International Building Code” and “Section 711 of the International Building Code” shall be deleted and “building subcode of the Uniform Construction Code” inserted.

64. Chapter 64, Pyrophoric Materials, shall be amended as follows:

i. Section 6401.2, Permits, shall be deleted in its entirety.

ii. In Section 6404.1.4, Separation from incompatible materials, the text “the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

65. Chapter 65, Pyroxylin (Cellulose Nitrate) Plastics, shall be amended as follows:

i. Section 6501.2, Permits, shall be deleted in its entirety.

66. Chapter 66, Unstable (Reactive) Materials, shall be amended as follows:

i. Section 6601.2, Permits, shall be deleted in its entirety.

ii. In Section 6604.1, Indoor storage, in the second paragraph, the text “the International Building Code” shall be deleted and the text “the building subcode of the Uniform Construction Code” shall be inserted.

67. Chapter 67, Water-Reactive Solids and Liquids, shall be amended as follows:

i. Section 6701.2, Permits, shall be deleted in its entirety.

68. Chapter 68 is reserved.

69. Chapter 69 is reserved.

70. Chapter 70 is reserved.

71. Chapter 71 is reserved.

72. Chapter 72 is reserved.

73. Chapter 73 is reserved.

74. Chapter 74 is reserved.

75. Chapter 75 is reserved.

76. Chapter 76 is reserved.

77. Chapter 77 is reserved.

78. Chapter 78 is reserved.

79. Chapter 79 is reserved.

80. Chapter 80, Referenced Standards, shall be amended as follows:

i. Under the subheading "AASHTO," the reference to "HB-17 2002 Specification for Highway Bridges, 17th Edition 2002" shall be deleted.

ii. The referenced standard, "AFSI" shall be deleted in its entirety.

iii. The referenced standard, "ASSE" shall be deleted in its entirety.

iv. Under the subheading "ASTM," the references to the following standards shall be deleted:

(1) D 2859-06(2011) Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials;

(2) E 2072-10 Standard Specification for Pholuminescent (Phosphorescent) Safety Markings;

(3) E 2404-2013E1 Standard Practice for Specimen Preparation and Mounting of Textile, Paper or Vinyl Wall or Ceiling Coverings to Assess Surface Burning Characteristics;

(4) E 2573-12 Standard Practice for Specimen Preparation and Mounting of Site-fabricated Stretch Systems to Assess Surface Burning Characteristics;

(5) F 2006-10 Standard/Safety Specification for Window Fall Prevention Devices for Non-Emergency Escape (Egress) and Rescue (Ingress) Windows; and

(6) F 2090-10 Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms.

v. Under the subheading "BHMA," the reference to "A 156.27-2011 Power and Manual Operated Revolving Pedestrian Doors" shall be deleted.

vi. Under the subheading "CPSC," the reference to "16 CFR Part 1630-2007 Standard for the Surface Flammability of Carpets and Rugs" shall be deleted.

vii. The referenced standard, "FM" shall be deleted in its entirety.

viii. Under the subheading "ICC," the reference to "IEBC-15 International Existing Building Code" shall be deleted.

ix. Under the subheading "NFPA," the following "Standard reference numbers" shall be added:

(1) "51B-14 Standard for Fire Prevention During Welding, Cutting, and Other Hot Work" shall be added between 51A-12 and 52-13. "Reference in code section number 3503.1" shall be added.

(2) "68-13 Standard on Explosion Protection by Deflagration Venting" shall be added between 61-13 and 69-14. "Reference in code section number 911.1" shall be added.

x. Under the subheading "NFPA," the reference to "914-10 Code for Fire Protection of Historic Structures" shall be deleted.

xi. Under the subheading "UL," the references to the following standards shall be deleted:

(1) 10C-09 Positive Pressure Fire tests of Door Assemblies;

(2) 294-1999 Access Control System Units with revisions through September 2010;

(3) 305-2012 Panic Hardware;

(4) 2034-08 Single and Multiple Station Carbon Monoxide Alarms with revisions through February 2009; and

(5) 2360-00 Test Methods for Determining the Combustibility Characteristics of Plastics Used in Semi-Conductor Tool Construction with revisions through May 2013.

xii. Under the subheading "USC," the reference to "21 USC Chapter 9 United States Food, Drug and Cosmetic Act" shall be deleted.

81. The appendices shall be amended as follows:

i. Appendix A, Board of Appeals, shall be deleted in its entirety.

ii. Appendix B, Fire-Flow Requirements for Buildings, shall be deleted in its entirety.

iii. Appendix C, Fire Hydrant Locations and Distribution, shall be deleted in its entirety.

iv. Appendix D, Fire Apparatus Access Roads, shall be deleted in its entirety.

v. Appendix E, Hazard Categories, in Section E103.2 Evaluation questions, the following text shall be added to the end of the last paragraph, "[.], New Jersey Edition."

vi. Appendix F, Hazard Ranking, in Section F101.1 Scope, the following text shall be added to the last sentence after "International Fire Code" ", New Jersey Edition" and used through-out.

vii. Appendix J, Building Information Sign, shall be deleted in its entirety.

viii. Appendix K, Construction Requirements for Existing Ambulatory Care Facilities, shall be deleted in its entirety.

ix. Appendix L, Requirements for Fire Fighter Air Replenishment Systems, shall be deleted in its entirety.

x. Appendix M, High-Rise Buildings-Retroactive Automatic Sprinkler Requirement, shall be deleted in its entirety.

xi. Insert new Appendix N as follows:

#### APPENDIX N

#### INSPECTION, TESTING AND MAINTENANCE OF NON-WATER BASED KITCHEN FIRE SUPPRESSION SYSTEMS

The provisions and form(s) contained in this appendix are mandatory.

#### SECTION N101

#### GENERAL

N101.1 Scope. Every permitted and certified contractor in the non-water based kitchen fire suppression system industry shall utilize one standardized form, set forth at Section N101.2, for documenting the required inspections, testing and maintenance of non-water based NFPA 17 and NFPA 17A kitchen fire suppression systems. Every permitted and certified contractor in the non-water based kitchen fire suppression system industry shall provide a copy of the completed standardized form to both the owner or occupant and the local fire code enforcement official within five business days of inspection, testing and maintenance.

N101.2 Annual Inspection of Non-Water Based Kitchen Fire Suppression System Form (see sample form):

System is Compliant with NJAC 5:70-3

System is Non-Compliant

THIS FORM WILL BE FILED WITH THE LOCAL AHJ

LOGO / NAME / ADDRESS / PERMIT

**KITCHEN SYSTEM REPORT - PAGE 1**

COMPANY		CONTACT		PHONE		FAX	
ADDRESS		CITY		STATE	ZIP	CUSTOMER NUMBER	
AHJ / FIRE PROTECTION DISTRICT		INSPECTION TYPE <input type="checkbox"/> INITIAL <input type="checkbox"/> ANNUAL <input type="checkbox"/> SEM-ANNUAL <input type="checkbox"/> _____					

WORK ORDER NUM	DATE	HAZARD AREA PROTECTED	
SYSTEM MFG.	SYSTEM CAPACITY	SYSTEM TYPE	NUM of CYLS

Initial Actions / Observations		Y	N	N/A	System Functional Test		Y	N	N/A
1	Last Serviced By? _____				21	System disarmed per manufacturer's recommendations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Were building personnel notified of the inspection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22	Mechanical detection line tested and found to operate properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Was the monitoring company notified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23	Proper number and placement of detectors/links?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	System found charged and functioning at time of technician's arrival?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	Did the system operate properly from activation of a manual pull station?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	System un-tampered with since last visit?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	25	Gas shut-off valve installed and working properly? (Note location)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	System found to be at proper pressure upon arrival?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26	Replaced links with proper temperature rating?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Visually Check System</b>					_____ at _____ Degrees      _____ at _____ Degrees				
7	Baffle-type filters installed in hood?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____ at _____ Degrees      _____ at _____ Degrees				
8	System [and appliance layout] appear unchanged since last service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____ at _____ Degrees      _____ at _____ Degrees				
9	Were the nozzle caps in place at time of arrival?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27	Is the manual reset for electric gas valves operational?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Visible piping and nozzles properly connected, braced, and free of damage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	28	Did all electrical appliances shut off upon system operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Piping/conduit/cabing free from observable obstructions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29	Did all gas appliances shut off upon system operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Nozzle(s) inspected and found to be clear of obstructions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	30	Did the make-up air shut down?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Correct nozzle type(s) for protected equipment, plenum and ducts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	31	Did the alarm system activate when the system tripped?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Nozzle(s) properly positioned over appliances?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32	Did control head(s)/cylinder releasing device(s) operate properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Nozzle(s) properly positioned in duct(s) and plenum(s)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Cylinders and Agent</b>				
16	Is there a fan warning sign on hood?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	33	Cylinder Pressure _____ psi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Flow points/extinguishing agent within mfg's allowed maximums?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	34	Hydrostatic test date of cylinder checked. Due: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Hazard Inspection</b>					35	Were all cylinders free of signs of external corrosion and/or damage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Hazard configuration appeared to remained unchanged?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	36	Are all cylinders securely mounted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Are all observable penetrations to the hood and duct sealed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	37	Cartridge inspected or replaced within mfg's recommended interval (if applicable)? Weight _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	No readily observable obstructions or interference that could impact effectiveness of the suppression system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

**NOTIFICATION OF DEFICIENCIES** **CUSTOMER INITIALS:** \_\_\_\_\_

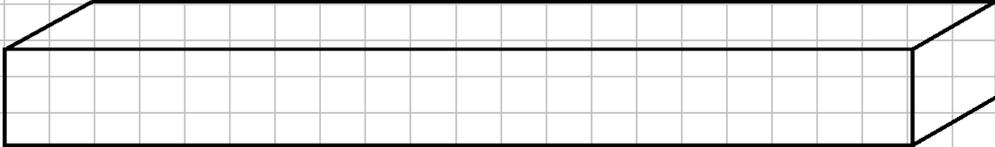
A mark made in the adjacent box indicates that deficiencies exist with the current condition of the Fire Suppression System. If this is the case, the customer's authorized representative, by his or her signature and initials acknowledges these deficiencies represent an **IMMEDIATE AND SERIOUS SAFETY CONCERN** that the customer must correct. Service Company shall not be responsible if the Fire Suppression System malfunctions or fails to function. It is the owner's responsibility to ensure that all deficiencies are removed or repaired.



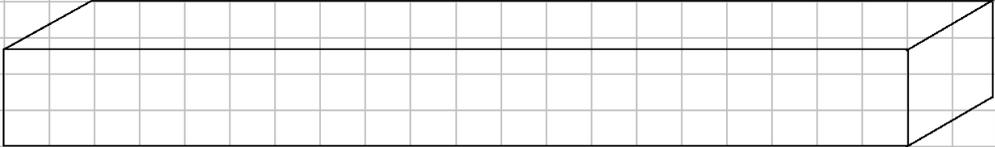
**KITCHEN SYSTEM REPORT - PAGE 3**

COMPANY	CONTACT	PHONE	FAX
ADDRESS	CITY	STATE	ZIP
CUSTOMER NUMBER			

Hood Size: \_\_\_\_\_ Duct Quantity & Size : \_\_\_\_\_



Label All Appliances



Size \_\_\_\_\_

Notes / Comments


**INCLUDE ALL APPLIANCES. LABEL WITH TYPE AND SIZE**

System Connected to Alarm? Yes _____ No _____ Nozzle Quantity: Duct _____ Plenum _____ Appliance _____ Remote Pull: Yes _____ No _____ Location _____	Gas Valve: Yes _____ No _____ Size : _____ Gas Valve Style: Electrical _____ Mechanical _____ Gas Valve Location: _____ Type: Release / Pull
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ALL CONDITIONS NOTED ARE LIMITED TO ONLY THOSE THAT COULD BE OBSERVED AT THE TIME OF THIS INSPECTION

FORM: NJFS-17A 201305 PAGE 1 of 3

## SUBCHAPTER 4. FIRE SAFETY CODE

## 5:70-4.1 Code adopted; scope

(a) (No change.)

(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. One- and two-family or attached single family 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. (No change.)

(c) For purposes of this subchapter, the following Use Group designations shall apply:

“Use” or “Use Group” means the use to which a building, portion of a building, or premises, is put as follows. It shall also mean and include any place, whether constructed, manufactured, or naturally occurring, whether fixed or mobile, that is used for human purpose or occupancy that would subject it to the provisions of this Code if it were a building or premises. The Use Group designations below shall be used for all Use Group references in this subchapter.

1. “Use Group A-1 theaters”: This Use Group shall include all theater and all other buildings and structures, or parts thereof, intended for the production and viewing of performing arts or motion pictures; and which are usually provided with fixed seats—including theaters and television and radio studios admitting an audience.

2. “Use Group A-2 (nightclubs)”: This Use Group shall include all buildings and places of public assembly, designed for use as dance halls, nightclubs, eating, and/or drinking establishments, and similar occupancies, in which the established maximum permitted occupant load exceeds the number of seats provided by more than 30 percent or which affords less than 12 square feet net area per occupant. For purposes of determining the net area per occupant, only the actual public assembly room or rooms shall be considered. For purposes of applying the requirements of this chapter, the nightclub shall include all rooms, lobbies, and other spaces connected thereto with a common means of egress and entrance.

3. “Use Group A-3”: This Use Group shall include all buildings with or without an auditorium in which persons assemble for amusement, entertainment, or recreation, and incidental motion picture, dramatic or theatrical presentations, lectures, or other similar purposes without theatrical stage other than a raised platform; and principally used without permanent seating facilities, including art galleries, exhibition halls, museums, lecture halls, libraries, restaurants other than night clubs, and recreation centers; and buildings designed for other similar assembly purposes including passenger terminals.

4. “Use Group A-4”: This Use Group shall include all buildings used as churches and for similar religious purposes.

5. “Use Group A-5”: This Use Group shall include grandstands, bleachers, coliseums, stadiums, tents, and similar structures for outdoor assembly uses.

6. “Use Group B”: All buildings and structures, or parts thereof, shall be classified in Use Group B, which are used for the transaction of business, for the rendering of professional services, or for other services that involve stocks of goods, wares, or merchandise in limited quantities for use incidental to office uses or sample purposes.

7. “Use Group E”: This Use Group shall include all buildings and structures used for educational purposes serving six or more students in any or all of the grades from kindergarten through grade 12.

8. “Use Group F”: All buildings and structures, or parts thereof, in which occupants are engaged in performing work or labor in the fabricating, assembling, or processing of products or materials shall be classified in Use Group F; including, among others, factories, assembling plants, industrial laboratories, and all other industrial and manufacturing uses, except those of Use Group H involving highly combustible, flammable, or explosive products and materials.

i. “Use Group F-1”: Factory and industrial uses that are not otherwise classified as low-hazard Use Group F-2, shall be classified as a moderate-hazard factory and industrial use, Use Group F-1.

ii. “Use Group F-2”: Factory and industrial uses that involve the fabrication or manufacturing of noncombustible materials that, during finishing, packing, or processing, do not contribute to a significant fire hazard, shall be classified as Use Group F-2. The following manufacturing processes are indicative of, and shall be classified as, Use Group F-2: beverages, nonalcoholic; brick and masonry; ceramic products; foundries; glass products; gypsum; ice; metal fabrication and assembly; and water pumping plants.

9. “Use Group H”: All buildings and structures, or parts thereof, shall be classified in Use Group H that are used for the manufacturing, processing, generation, or storage of corrosive, highly toxic, highly combustible, flammable, or explosive materials that constitute a high fire or explosion hazard, including loose combustible fibers, dust, and unstable materials.

10. “Use Group I-1”: This Use Group shall include buildings housing six or more individuals who, because of age, mental instability or other reasons, must live in a supervised environment but who are physically capable of responding to an emergency situation without personal assistance. Included in this group are uses such as facilities for children, aged persons, mentally impaired, and convalescents including: convalescent facilities, group homes, homes for the aged, mentally retarded care facilities, orphanages, and residential care facilities. Occupancies such as the above with five or fewer occupants shall be classified as a residential Use Group.

11. “Use Group I-2”: This Use Group shall include all buildings used for housing people suffering from physical limitations because of health or age, including, among others, day nurseries, hospitals, sanitariums, infirmaries, orphanages, and homes for aged and infirm.

12. “Use Group I-3”: This Use Group shall include all buildings designed for the detention of people under restraint, including, among others, jails, prisons, reformatories, insane asylums, and similar uses.

13. “Use Group M”: All buildings and structures, or parts thereof, shall be classified in Use Group M that are used for display and sales purposes involving stocks of goods, wares, or merchandise incidental to such purposes and accessible to the public; including, among others, retail stores, motor fuel service stations, shops and salesrooms, and markets.

14. “Use Group R-1”: This Use Group shall include all hotels, motels, retreat lodging facilities, and similar buildings arranged for shelter and sleeping accommodations and in which the occupants are primarily transient in nature, making use of the facilities for a period of less than 30 days. This definition shall also mean and include bed and breakfast guesthouses and bed and breakfast inns.

15. “Use Group R-2”: This Use Group shall include all multiple family dwellings having more than two dwelling units and shall also include all dormitories, rooming houses, group rentals where the occupants are living independently of each other, and similar buildings arranged for shelter and sleeping accommodations in which the occupants are primarily not transient in nature. This Use Group shall also include attached one- and two-family dwelling units that do not meet the definition for Use Group R-3.

16. “Use Group R-3”: This Use Group shall include all buildings arranged for the use of detached one- and two-family dwelling units, including, but not limited to, buildings with not more than five lodgers or boarders per family, and excluding buildings designed in accordance with the one- and two-family subcode of the State Uniform Construction Code. This Use Group shall also mean and include:

i. Bed and breakfast homestays; and

ii. Attached one- and two-family dwellings constructed in accordance with the Uniform Construction Code requirements for multiple single family dwellings.

17. “Use Group R-4”: This Use Group shall include all buildings arranged for use as detached one- and two-family dwelling units, including, without limitation, buildings occupied by not more than five lodgers or boarders per family and buildings used as bed and breakfast homestays, that are designed in accordance with the one- and two-family dwelling subcode of the State Uniform Construction Code.

18. “Use Group S-1”: All buildings and structures, or parts thereof, that are used primarily for the storage of moderate hazard contents, which are likely to burn with moderate rapidity, but which do not

produce either poisonous gases, fumes, or explosives, including, among others, warehouses, storehouses, and freight depots.

19. "Use Group S-2": All buildings and structures, or parts thereof, that are used primarily for the storage of noncombustible materials, and of low hazard wares that do not ordinarily burn rapidly such as products on wood pallets or in paper cartons without significant amounts of combustible wrappings, including, among others, warehouses, storehouses, and freight depots. Such products may have a negligible amount of plastic trim such as knobs, handles, or film wrapping.

#### 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)4 through 9 below.

1.-3. (No change.)

4. The requirements of N.J.A.C. 5:70-4.19 shall apply to all one- and two-family or attached single family structures other than newly constructed buildings at the time of initial occupancy, regardless of their state of compliance with the Uniform Construction Code or any other code.

5.-8. (No change.)

9. Any commercial cooking operations producing grease-laden vapors shall be required to conform to the more restrictive requirements established by this subchapter, unless the commercial cooking operation is in full compliance with the Building Officials and Code Administrators National Mechanical Code, 1984 edition or a later edition of the mechanical subcode of the Uniform Construction Code, and possesses a valid certificate of occupancy or certificate of approval for newly-installed cooking operations.

(b) (No change.)

#### 5:70-4.7 Fire suppression systems

(a) (No change.)

(b) All buildings of Use Group I-1 or portions thereof when separated in accordance with (l) below greater than two stories in height above grade or having an occupant load greater than 20 excluding staff shall be equipped throughout with an automatic fire suppression system installed in accordance with the New Jersey Uniform Construction Code.

(c) All buildings of Use Group I-3 or portions thereof when separated in accordance with (l) below shall be equipped throughout with an automatic fire suppression system installed in accordance with the New Jersey Uniform Construction Code.

1.-2. (No change.)

(d) All buildings of Use Group I-3 or portions thereof when separated in accordance with (l) below with an occupant load of six or more shall be equipped throughout with an automatic fire suppression system installed in accordance with the New Jersey Uniform Construction Code or shall be in compliance with all applicable provisions of Chapter 15 "Existing Detention and Correctional Occupancies" of the Life Safety Code, NFPA 101, 1985 edition.

1. (No change.)

(e) All buildings of Use Group H or portions thereof when separated in accordance with (l) below shall be equipped throughout with an automatic fire suppression system installed in accordance with the New Jersey Uniform Construction Code.

1. All spraying operations as regulated by N.J.A.C. 5:70-3, the State Fire Prevention Code, Chapter 24, shall be equipped throughout with an automatic fire suppression system installed in accordance with the New Jersey Uniform Construction Code.

2. Dip operations as defined by N.J.A.C. 5:70-3, the State Fire Prevention Code, Section 2402.1 and as outlined in (e)2i through iii below shall be equipped with an automatic fire suppression system installed in accordance with the New Jersey Uniform Construction Code.

i.-iii. (No change.)

(f) (No change.)

(g) All commercial cooking operations that produce grease laden vapors shall be equipped with a ventilating hood, duct, and automatic

fire suppression system designed and installed in accordance with the New Jersey Uniform Construction Code.

1. This subsection shall not apply to bed and breakfast home stay facilities, which are designed to accommodate five or fewer guests.

2. (No change.)

3. This subsection shall apply to mobile enclosed units, as defined in N.J.A.C. 5:70-3. Systems installed in mobile enclosed units shall comply with the applicable requirements of NFPA 96, but such installations shall not be required to comply with the New Jersey Uniform Construction Code.

(h)-(j) (No change.)

(k) Fire suppression systems required by this Code shall be supervised as determined by the fire official and installed in accordance with the New Jersey Uniform Construction Code in effect at the time of installation.

(l) (No change.)

#### 5:70-4.9 Automatic fire and carbon monoxide alarms

(a) An automatic fire alarm system shall be installed as required below in accordance with the New Jersey Uniform Construction Code.

1. In all buildings of Use Group I:

i. (No change.)

ii. In buildings of Use Group I-1, smoke detectors or smoke alarms that are to be located closer than five feet to a kitchen or bathroom area shall be of photoelectric type only.

2. In all buildings of Use Group R-1 and in R-3 bed and breakfast homestays:

i. In dwelling units or guestrooms, 10-year sealed battery-powered single station smoke alarms shall be installed. **\*The effective date of this subparagraph shall be January 1, 2019.\*** Such smoke alarms shall be maintained in accordance with N.J.A.C. 5:70-3, 907.11.2.

ii. (No change.)

iii. All buildings of Use Group R-1, regardless of the number of units, shall have available at least one portable visual alarm type smoke detector or smoke alarm for the deaf or hearing impaired for each 50 units or fraction thereof. The owner may require a refundable deposit for such portable smoke detector or smoke alarm not to exceed the value of the smoke detector or smoke alarm. Notification of the availability of such devices shall be provided to each occupant.

3. In all buildings of Use Group R-2 as follows:

i. All buildings of Use Group R-2, including multiple dwellings and rooming houses with six or more occupants, shall have approved smoke detection systems located in all interior common areas. Such systems shall be powered by an alternating current (AC) constantly active electric circuit that cannot be deactivated by the operation of any interconnected switching device and shall comply with the adopted electrical subcode of the Uniform Construction Code in effect at the time of installation, except as otherwise provided in this section. Such systems shall be on circuitry that is connected into the building owner's electric meter.

(1) In multiple dwellings six stories or more in height and having 30 or more dwelling units, such systems:

(A) Shall be connected to a supervisory type listed control panel conforming to U.L. 864 requirements and NFPA 72 standard in effect at the time of installation, except as otherwise provided in this section;

(B) Shall be powered by an approved emergency power source installed in conformance with the adopted electrical subcode of the Uniform Construction Code in effect at the time of installation; and

(C) Shall have a control panel of the multi-zoned type that will visually indicate the floor or zone from which the alarm is activated, which panel shall be located in accordance with NFPA 72 standard in effect at the time of installation or as directed by the local fire subcode official.

ii.-iv. (No change.)

v. In dwelling units, approved 10-year sealed battery-powered single station alarms shall be installed. **\*The effective date of this subparagraph shall be January 1, 2019.\*** The alarms shall be maintained in accordance with N.J.A.C. 5:70-3, the State Fire Prevention Code, Section 907.11.2.

vi. Smoke detectors or smoke alarms that are to be located closer than five feet to a kitchen or bathroom area shall be photoelectric type only.

vii. At the request of a tenant of a unit in which a person who is deaf or hearing-impaired resides, the owner shall provide and install a visual alarm type smoke detector or smoke alarm for that unit or, in the case of a rooming or boarding house resident, for that resident's sleeping area.

4. With the approval of the fire protection subcode official, fixed temperature or combination rate-of-rise and fixed temperature heat detectors may be substituted for smoke detectors or smoke alarms in those locations where frequent nuisance alarms would be likely to occur. Such building spaces include, but are not limited to, garages, crawl spaces, uninhabitable attics, heater and boiler rooms, laundry rooms, kitchens, restaurant service areas, and other rooms where the ambient temperatures are below 40 degrees Fahrenheit or are above 100 degrees Fahrenheit and/or have a relative humidity either below 20 percent or above 85 percent or where environmental conditions are likely to produce nuisance alarms.

5. (No change.)

6. In any municipality that enacted an ordinance requiring the installation of smoke detectors or smoke alarms in multiple dwellings prior to November 11, 1980, a building fully conforming to the requirements of such ordinance prior to November 12, 1980, shall be deemed to be in either full or partial compliance with the requirements of this section if the fire official determines that the provisions of such ordinance provide reasonable life safety protection to the occupants and that replacement of equipment already installed in conformity with such ordinance would be an undue hardship for property owners.

i.-ii. (No change.)

7. (No change.)

8. In all buildings of Use Group E the system shall consist of:

i.-iv. (No change.)

9. (No change.)

(b) An automatic fire alarm system shall not be required in buildings, other than boarding homes of Use Group I-1, equipped throughout with an automatic fire suppression system, a manual fire alarm system, and single station smoke detectors located in the immediate vicinity of sleeping areas in accordance with NFPA 72.

(c) Automatic fire alarm systems required by this Code shall be supervised as determined by the fire official and installed in accordance with the New Jersey Uniform Construction Code in effect at the time of installation.

(d) (No change.)

#### 5:70-4.10 Manual fire alarms

(a) A manual fire alarm system, designed and installed in accordance with the Uniform Construction Code, shall be required:

1. (No change.)

2. In all buildings of Use Group E; and

3. (No change.)

#### 5:70-4.11 Means of egress

(a) Every story utilized for human occupancy having an occupant load of 500 or less shall be provided with a minimum of two exits, except as provided in (b) below. Every story having an occupant load of 501 to 1,000 shall have a minimum of three exits. Every story having an occupant load of more than 1,000 shall have a minimum of four exits.

1. Each mezzanine with an occupant load of more than 50 or in which the travel distance to an exit exceeds 75 feet shall have access to at least two independent means of egress by November 6, 1990.

2.-3. (No change.)

4. In all buildings of Use Group A, Use Group E, buildings of Use Group I, rooming houses, and child care centers, ladders of any type are prohibited on all new and existing fire escapes used as a required means of egress.

5.-6. (No change.)

7. In dwelling units in basements or stories below grade in buildings of Use Group R-2 that are not equipped throughout with an automatic fire sprinkler system, there shall be at least two exits from each dwelling unit.

i. An approved window providing a clear opening of at least five square feet in area, a minimum net clear opening of 24 inches in height

and a minimum net clear opening of 20 inches in width, and a sill height of not more than 44 inches above the finished floor, shall be acceptable as one of the required exits.

(b) In buildings having only one exit, the single exit condition shall be permitted to continue as follows:

1.-2. (No change.)

Recodify existing 4.-6. as 3.-5. (No change in text.)

(c)-(i) (No change.)

(j) Means of egress lighting shall be connected to an emergency electrical system conforming to the adopted electrical subcode of the Uniform Construction Code in effect at the time of installation to assure continued illumination for a duration of not less than one hour in case of primary power loss in all buildings, rooms, or spaces required to have more than one exit or exit access.

(k) In all buildings, rooms, or spaces required to have more than one exit or exit access, all required means of egress shall be indicated with approved internally illuminated, externally illuminated, or self-luminous signs reading "Exit", visible from the exit access and, when necessary, supplemented by directional signs in the exit access indicating the direction and way of egress. All "Exit" signs shall be located at exit doors or exit access areas, so as to be readily visible.

1.-4. (No change.)

(l) Means of egress doors shall conform to the following:

1. (No change.)

2. In building of Use Groups R-1 and R-2 all doors opening onto a passageway at grade or exit stair shall be self-closing and self-latching or automatic closing and self-latching listed closure devices.

3. All dwelling unit, guest room, or rooming unit corridor doors in buildings of Use Groups R-1, R-2, or I-1 shall be at least 1 $\frac{3}{8}$  inch solid core wood or approved equal with approved door closers, shall be self-latching and shall not have any glass panels, other than approved wire glass in metal frames. Corridor doors shall not be constructed of hollow core wood, shall not contain louvers and shall not be of panel construction. Doors shall fit both plumb and level in frames, and be reasonably tight fitting. All replacement doors shall be 1 $\frac{3}{4}$  inch solid core wood or approved equal, unless the existing frame will accommodate only a 1 $\frac{3}{8}$  inch door.

i. Existing doors meeting the requirements of Federal Housing and Urban Development Rehabilitation Guidelines Fire Rating of Archaic Materials and Assemblies or of Section 5 of Appendix B of the BOCA Basic/National Existing Structures Code, 1984 Ed. for a rating of 15 minutes or better shall be accepted as meeting the provisions of this requirement.

(1) (No change.)

ii.-iii. (No change.)

4.-5. (No change.)

(m)-(o) (No change.)

#### 5:70-4.13 Protection of interior stairways and other vertical openings

(a) All interior stairways and other vertical openings connecting more than six floor levels shall be enclosed with approved assemblies having a fire resistance rating of not less than two hours with approved opening protectives with self-latching doors.

(b) All interior stairways and other vertical openings connecting four to six floor levels shall be enclosed with approved assemblies having a fire resistance rating of not less than one hour with approved opening protectives with self-latching doors.

(c) Interior stairways and other vertical openings connecting no more than three levels shall be enclosed with approved assemblies and opening protectives with self-latching doors having a fire resistance as follows:

1-11. (No change.)

(d) The requirements for vertical openings in this section shall not apply to required kitchen or bathroom ventilation openings serving only dwelling units.

#### 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. (No change.)  
 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 self-latching 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 latching devices are not required on double egress corridor doors, and center mullions are prohibited.

- i. (No change.)  
 3.-4. (No change.)  
 (b) (No change.)

5:70-4.17 High rise buildings

- (a)-(c) (No change.)  
 (d) The following shall apply to mechanical systems:  
 1. (No change in text.)  
 (e)-(f) (No change.)

5:70-4.19 Smoke alarms for one- and two-family dwellings; carbon monoxide alarms; and portable fire extinguishers

(a) In one- and two-family or attached single family dwellings subject to the requirements of N.J.A.C. 5:70-2.3, smoke alarms shall be installed as follows:

- 1.-2. (No change.)

(b) The smoke alarms required in (a) above shall be located and maintained in accordance with NFPA 72.

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

(c) Ten-year sealed battery-powered single station smoke alarms shall be installed and shall be listed in accordance with ANSI/UL 217, incorporated herein by reference. However, A/C-powered single or multiple-station smoke alarms installed as part of the original construction or rehabilitation project shall not be replaced with battery-powered smoke alarms. **\*The effective date of this subsection shall be January 1, 2019.\***

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

(d) Carbon monoxide alarms shall be installed in all dwelling units in buildings in one- and two-family or attached single family dwellings, except for units in buildings that do not contain a fuel-burning device or have an attached garage, as follows:

- 1.-2. (No change.)

(e) A portable fire extinguisher shall be installed in accordance with the following:

1. The extinguisher shall be within 10 feet of the kitchen and located in the path of egress;

2. The extinguisher shall be readily accessible and not obstructed from view;

3. The extinguisher shall be mounted using the manufacturer's hanging bracket so the operating instructions are clearly visible;

4. The extinguisher shall be an approved listed and labeled type with a minimum rating of 2A-10B:C and no more than 10 pounds;

5. The owner's manual or written operation instructions shall be provided during the inspection and left for the new occupant;

6. The extinguisher shall be serviced and tagged by a certified Division of Fire Safety contractor within the past 12 months or the seller must have a receipt for a recently purchased extinguisher; and

7. The top of the extinguisher shall not be more than five feet above the floor.

8. Exception: Portable fire extinguishers shall not be required for seasonal summer units. For purposes of applying this exception, "seasonal summer unit" shall mean a dwelling unit rented for a term of not more than 125 consecutive days for residential purposes by a person having a permanent residence elsewhere, but shall not include use or

rental of living quarters by migrant, temporary, or seasonal workers in connection with any work or place where work is being performed.

(a)

**DIVISION OF FIRE SAFETY**

**Uniform Fire Code**

**Fire Code Enforcement**

**Adopted Amendments: N.J.A.C. 5:71-2.6, 2.8, 3.4, 3.7, 4.4, 4.7, 4.9, and 4.11**

**Adopted New Rules: N.J.A.C. 5:71-4.12 and 4.13**

Proposed: August 21, 2017, at 49 N.J.R. 2624(a).

Adopted: January 9, 2018, by Charles A. Richman, Commissioner, Department of Community Affairs.

Filed: January 9, 2018, as R.2018 d.075, **without change**.

Authority: N.J.S.A. 52:27D-198.

Effective Date: February 5, 2018.

Expiration Date: June 29, 2018.

**Summary of Public Comments and Agency Responses:**

Comments were received from Mark Antozzeski, Fire Chief and Fire Official, Hamilton Township Fire District 9; Dennis Symons, Jr.; Robert Steel, Clerk, Cinnaminson Fire District #1; Christopher Weniger, Chief Fire Marshal, Hillsborough Township; William Gee, President, Ocean County Fire Prevention & Protection Association; and Jeffrey Betz.

1. COMMENT: Mr. Antozzeski and Mr. Symons, Jr. oppose the proposed fee increase, which increases initial application fees and three-year renewal application fees from \$45.00 to \$91.00. The commenters believe that local government budgets are subject to a two percent cap mandated by New Jersey State law and the application fees established by the Department should also be capped at two percent. Further, the commenters believe the fee increases should be offset by collection of life hazard use fees, which the Department retains for its operations. The commenters suggest a two percent increase each year.

RESPONSE: The Department respectfully disagrees with the commenters' remarks. The State property tax cap signed into law by Governor Christie in 2010, pertains to capping local property taxes assessed by local municipalities to two percent of their approved budgets. The Department does not believe that the property tax cap is material to this fee increase. The proposed application fees would only impact certified Fire Inspectors and Fire Officials, and would not pose a significant hardship upon municipal budgets to credential their fire code inspection personnel. The proposed fee increase is the first increase since 1995, and is to fund fire safety programs and continuing education programs administered through the Division of Fire Safety, Office of Training and Certification. Finally, the Department disagrees with the commenters' belief that the fee increases should be offset by the collection of life hazard use fees, as under the existing rules the Department already rebates 65 percent of collected life hazard use fees to the local enforcing agencies.

2. COMMENT: Mr. Steel writes on behalf of the Board of Fire Commissioners of the Cinnaminson Fire District #1 in support of the proposed rules by indicating that the rulemaking addresses numerous issues that the fire service, and in particular fire code enforcing agencies, have been in need of and requesting. The amendments recognize the use of current technology that will benefit fire code enforcement agencies, business owners, and taxpayers. The commenter further supports efforts to clarify the requirements to deliver, attend, and become a certified fire inspector, as well as to establish training and certification requirements for fire officials. He believes that these initiatives will ensure that future fire code enforcers and leaders will be prepared to meet the challenges that they will face.

RESPONSE: The Department appreciates the commenter's affirmative comments, and thanks the commenter for his support of the rulemaking. The Department believes that the training and credentialing