

Adoption of the 2012 International Building Code and Amendments

The 2012 International Building Code was adopted by the Village of Glenview through Ordinance #5879 on December 9, 2014

Building codes are adopted to provide a means to enforce building standards of construction and use, and are periodically updated to reflect the latest standards of life-safety and construction technology. These amendments are established on particular physical and aesthetic conditions within the Village as well as to provide consistency between Village, State and County codes.

Amendments to the 2012 International Building Code:

- (1) *Section 101.1 Title.* Amended to read as follows: “These provisions shall be known as the Building Code of the Village of Glenview, Cook County, Illinois (the “Village”), hereinafter referred to as ‘this code.’”
- (2) *Section 101.4.3 Plumbing.* Amended to read as follows: “The provisions of Title 77, Part 890 of the Illinois Administrative Code (the “Illinois Plumbing Code”) shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system. The provisions of the Illinois Plumbing Code shall apply to private sewage disposal systems.”
- (3) *Section 102.4. Referenced codes and standards.* Amended to read as follows: “The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between the provisions of this code and referenced standards, the provisions of this code shall apply. The following codes and standards are not adopted by reference and thus are not considered part of the requirements of this code:
IPC 2012 International Plumbing Code
IPSDC 2012 International Private Sewage Disposal Code
IZC 2012 International Zoning Code
IWUIC 2012 International Wildland-Urban Interface Code
ISPSC 2012 International Swimming Pool and Spa Code”
- (4) *Section 105.2 Work exempt from permit.* Deleted in its entirety.
- (5) *Section 107.2.5 Site plan.* Amended by adding a new subsection, *107.2.5.2. Compliance with site plan*, which reads as follows: “It shall be the responsibility of the builder/developer to submit to the Village’s Community Development Department a spot survey prepared by a Registered Land Surveyor after the foundation is installed. This survey must be at a scale of not less than one inch equal to thirty feet (1” = 30’). The survey must also indicate the elevation above sea level of the top of foundation wall and the top of the curb and sidewalk at lot lines extended relative to a United State Geological Survey benchmark. No construction will be allowed to proceed except for decking, underground sewer and water, and related items until the spot survey is approved by the Village’s Community Development Department. This section applies to principal structures generally, but may apply to additions or accessory structures if, in the opinion

of the Village's Inspectional Services Manager or his designee, it is necessary to confirm compliance.”

- (6) *Section 114.4. Violation penalties.* Amended by adding a new subsection, *114.4.1 Fines*, which reads as follows: “Penalties shall be as provided in Section 1-16 of the Glenview Municipal Code for any given offense or as determined by the Judge in the Administrative Adjudication Process.”
- (7) *Section 202 Definitions – Fire Alarm Control Unit.* Amended to read as follows: “**Fire Alarm Control Unit.** A system component that receives inputs from automatic and manual fire alarm devices and may be capable of supplying power to detection devices and transponders or off-premises transmitters. The control unit is capable of providing a transfer of power to the notification appliances and transfer of conditions to relays or devices. The control unit shall be used for the fire alarm only.”
- (8) *Section 202 Definitions – Fire Area.* Amended to read as follows: “**Fire Area.** The aggregate floor area bounded by the exterior walls of a building; regardless of fire walls, fire barriers, or fire resistant-rated horizontal assemblies.”
- (9) *Section 406.3.4 Separation.* Requirement No. 3 is amended to read as follows: “3. A separation is not required between a Group R-3 and U carport, provided the carport is entirely open on two or more sides and there are not enclosed areas above. Attached private garages shall be completely separated from adjacent tenant vehicle spaces by means of a floor to rated ceiling partition or by a partition extending to the underside of the roof deck. All interior combustible framing shall be covered with 5/8” Type X gypsum board or the equivalent.
Exceptions:
 1. Garages of Type 1 or 2 construction.
 2. Fully sprinkled garages complying with NFPA 13.”
- (10) *Section 406.6 Enclosed parking garages.* Amended by adding a new subsection, *406.6.4 Separation*, which reads as follows: “Adjacent tenant vehicle spaces in public garages shall be completely separated by means of a floor to rated ceiling partition or by a partition extending to the underside of the roof deck. All interior combustible framing shall be covered with 5/8” Type X gypsum board of the equivalent.
Exceptions:
 1. Garages of Type 1 or 2 construction.
 2. Fully sprinkled garages complying with NFPA 13.”
- (11) *Section 415.8.4 Dry cleaning plants.* Amended to read as follows: “The construction and installation of dry cleaning plants shall be in accordance with the requirements of this code, the ICC International Mechanical Code, the Illinois Plumbing Code and NFPA 32. Dry cleaning solvents shall be classified in accordance with the ICC International Fire Code.”
- (12) *Section 603.1.2 Piping.* Amended to read as follows: “The use of combustible piping materials shall be permitted when installed in accordance with the provisions of the ICC International Mechanical Code and the Illinois Plumbing Code.”

- (13) *Section 708.6 Openings.* Amended by adding a new subsection, *708.6.1 Closing device*, which reads as follows: “The exit access door for each dwelling unit shall be equipped with an approved self-closing device.”
- (14) *Section 903.2 Where required.* Amended to read as follows: “Approved automatic fire sprinkler systems shall be installed in all new buildings regardless of materials used in construction and / or use group classification. Automatic fire suppression systems shall comply with the 2010 edition of the NFPA Standards.
- Exceptions:
1. Detached accessory building with an intended use that is incidental to that primary building on the same lot of record as a detached one-family dwelling. Detached accessory buildings shall include, but not be limited to, detached garages, storage sheds, and animal habitats.
 2. Detached accessory buildings with an intended use that is incidental to that of the primary building on the same lot of record where the primary building is classified as a Use Group B, F, I, M, S, and U that are less than 250 square feet in size. This exception shall not apply if the horizontal separation between the accessory building is less than 25 feet from any other building or accessory building and/or structure is used for the following hazardous materials:
 - a. Flammable and/or combustible liquids classified as Class 1A, 1B, 1C, and 111A and if the combined quantity exceeds 30 gallons.
 - b. Flammable gas if the quantity exceeds 10 gallons and/or 333 cubic feet of gas.
 - c. Corrosives.
 - d. Toxic agents.
 - e. Oxidizers classified as Class 2, 3, or 4. Class 1 oxidizers shall not exceed 100 gallons and/or 1,000 pounds.
 - f. Unstable/reactives.
 - g. Water reactives if the quantity exceeds 100 gallons and/or 1,000 pounds.
 - h. Pyrophoric materials (All classifications).
 - i. Organic peroxides (All classifications).
 - j. Explosives (All classifications).
 3. Picnic shelters, gazebos, pergolas, and detached public restroom facilities with a minimum horizontal separation of 25 feet from all other buildings. This exception shall not apply if the picnic shelter, gazebo, pergola, or detached public restroom is equipped with a permanent heat-producing appliance that utilizes natural gas and/or propane as a fuel supply or if the detached public restroom facility exceeds a total of 400 square feet in size.
 4. In telecommunications equipment buildings, a manual dry fire suppression system shall be installed in those spaces or areas equipped exclusively for telecommunications equipment, association electrical power distribution equipment, batteries and standby engines provided that those spaces or areas are equipped with an automatic fire detection system in accordance with Section 907 and are separated from the remainder of the building wire fire separation assemblies consisting of one-hour fire resistance rated walls and two-hour fire resistance rated floor/ceiling assemblies.
- (15) *Sections 903.2.1 through 903.2.11 Where required.* Deleted in their entirety.
- (16) *Section 903.2.12 During construction.* Renumbered as Section 903.2.1.

- (17) *Section 903.3.5 Water supplies.* Amended to read as follows: “Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in Section 903.3.1 of this code. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the Illinois Plumbing Code. Hydrant flow data used for the design of any sprinkler system shall be no more than one (1) year old.”
- (18) *Section 903.3.5. Water supplies.* Amended by adding a new subsection, *903.3.5.3 Low water pressure factor*, which reads as follows: “Provide a minimum ten percent (10%), but not less than five (5) psi, safety factor in the fire protection system hydraulic calculation. The system demand shall be a minimum 5 psi below the annual water flow test supply.”
- (19) *Section 903.4.2 Alarms.* Amended by adding a new subsection, *903.4.2.1 Additional alarm location*, which reads as follows: “A weatherproof visual strobe activated by water flow shall be provided on the exterior of the building or structure and located over the fire department connection or in a location approved by the authority having jurisdiction.”
- (20) *Section 903.4.2 Alarms.* Amended by adding a new subsection, *903.4.2.2 Location*, which reads as follows: “Alarm notification appliance and approved audio/visual devices shall be provided and located per NFPA 72. Automatic fire alarm systems shall comply with the 2010 edition of the NFPA 72 Standard.”
- (21) *Section 903.4.3 Floor control valves.* Amended to read as follows: “Approved supervised indicating control valves shall be provided at the point of connection to the riser on each floor of the building or structure.”
- (22) *Section 903.5 Testing and maintenance.* Amended by adding a new subsection, *903.5.1 Accessibility*, which reads as follows: “Fire sprinkler systems’ inspection test valves shall be accessible at all times and located no more than six (6) feet above the finished floor surface. On multiple riser systems test valves shall be clearly identified in permanent marking as to the riser and area served.”
- (23) *Section 903 Automatic Sprinkler Systems.* Amended by adding a new subsection, *903.6. Fire pump test header*, which reads as follows: “Automatic sprinkler systems that are equipped with an approved fire pump shall be provided with an OS&Y (or approved equal) control valve on the fire pump test header(s). Fire pump installations shall include an exterior test header.”
- (24) *Section 903 Automatic Sprinkler Systems.* Amend by adding a new subsection, *903.7 Private fire hydrants*, which reads as follows: “In developed lots, subdivisions or parcels except R-3 occupancies, fire hydrants shall be located no more than three hundred (300) feet apart. Fire hydrants shall be provided on all sides of a developed lot, subdivision or parcel except R-3 occupancies as approved by the authority having jurisdiction. One (1) fire hydrant shall be located not more than 100 feet from the fire department connection on the fire protection water supply to the building or structure.”
- (25) *Section 903 Automatic Sprinkler Systems.* Amended by adding a new subsection, *903.8 Fire department access*, which reads as follows: “Rooms or spaces containing an automatic sprinkler system riser valve and/or a fire pump shall be provided with direct access from the exterior of the building or structure.”

- (26) *Section 903 Automatic Sprinkler Systems.* Amended by adding a new subsection, *903.9 Warehouse storage*, which reads as follows: “A two and one-half (2 ½) inch fire hose valve with a one and one-half (1 ½) inch reducer to a one and one-half (1 ½) inch connection shall be provided at each means of egress to warehouse storage areas greater than 20,000 square feet in which storage exceeds twelve (12) feet in height. The two and one-half (2 ½) inch fire hose valve(s) shall be installed on a separate riser piping system and shall be provided with a four (4) inch water supply and a two and one-half (2 ½) inch brand water supplies. Each two and one-half (2 ½) inch fire hose valve shall be installed so no distance from the nearest two and one-half (2 ½) inch fire hose valve is greater than 120 feet.”
- (27) *Section 905 Standpipe Systems.* Amended by adding a new subsection, *905.3.9 Three story buildings*, which reads as follows: “Any building that has three (3) stories or more above grade, or has any horizontal dimension exceeding 150 feet between exterior walls, shall be equipped with a standpipe system designed and installed in accordance with NFPA standard 14 for standpipe and hose systems (Class 1 service) as defined therein. Dry standpipe systems are prohibited unless written approval is received from the Fire Code Official or his /her designee.”
- (28) *Section 907.2 Where required – new buildings and structures.* Deleted in its entirety and replaced with the following, *907.2 Where required– New and existing structures and buildings*: “An approved manual, automatic or combination manual and automatic fire alarm monitored system in accordance with the provision of this code and NFPA 72 shall be provided in new buildings and structures in all use groups.
- Exceptions:
1. One- and two-family dwelling units.
 2. In existing residential multi-family use groups, initiating and notification devices required by NFPA 72 may be omitted from within the dwelling unit provided that such devices located within the adjacent common areas “outside the dwelling unit” shall provide an audible level acceptable to the fire marshal.”

907.2.1 Fire alarm and detection systems – requirement. Fire Alarm Control Units shall be configured to be silenced with a key and no other method.

907.2.2 Fire alarm and detection systems – Group I occupancies. A manual fire alarm system shall be installed in Group I occupancies. An electrically supervised, automatic smoke detection system shall be provided in accordance with Sections 907.2.2.1, 907.2.2.2, and 907.2.2.3 of this code.

Exception: Manual fire alarm boxes in resident or patient sleeping areas of Group I-1 and I-2 occupancies shall not be required at exits located at all nurse’s control stations or other constantly attended staff locations, provided such stations are visible and continuously accessible and that travel distances required in Section 903.7.1 of this code are not exceeded.

907.2.2.1. Group I-1. Corridors, habitable spaces other than sleeping units and kitchens and waiting areas that are open to corridors shall be equipped with an automatic smoke detection system.

Exceptions:

1. Smoke detection in habitable spaces is not required where the facility is equipped throughout with an automatic sprinkler system.

2. Smoke detection is not required for exterior balconies.

907.2.2.2. Group I-2. Corridors in nursing homes (both intermediate care and skilled nursing facilities), detoxification facilities and spaces permitted to be open to the corridors by Section 407.2 of this code shall be equipped with an automatic fire detection system. Hospital shall be equipped with smoke detection as required in Section 407.2 of this code.

Exceptions:

1. Corridor smoke detection is not required in smoke compartments that contain patient sleeping units where patient sleeping units are provided with smoke detectors that comply with UL268. Such detectors shall be provided a visual display on the corridor side of each patient sleeping unit and an audible and visual alarm at the nursing station attending each unit.
2. Corridor smoke detection is not required in smoke compartments that contain patient sleeping units where patient sleeping unit doors are equipped with automatic door-closing devices with integral smoke detectors on the unit sides installed in accordance with their listing, provided that the integral detectors perform the required alerting function.

907.2.2.3. Group I-3. Group I-3 occupancies shall be equipped with a manual and automatic fire alarm system install for alerting staff.

907.2.2.3.1 System initiation. Actuation of an automatic fire-extinguishing system, a manual fire alarm box or a fire detector shall initiate an approved fire alarm signal which automatically notifies staff. Pre-signal systems shall not be used.

907.2.2.3.2 Manual fire alarm boxes. Manual fire alarm boxes are not required to be located in accordance with Section 907.3 of this code where the fire alarm boxes are provided at staff-attended locations having direct supervision over areas where manual fire alarm boxes have been omitted.

Manual fire alarm boxes shall be permitted to be locked in areas occupied by detainees, provided that staff members are present within the subject area and have keys readily available to operate the manual fire alarm boxes.

907.2.2.3.3 Smoke detectors. An approved automatic smoke detection system shall be installed throughout resident housing areas, including sleeping units and contiguous day rooms, group activity spaces and other common spaces normally accessible to residents.

Exceptions:

1. Other approved smoke detection arrangements providing equivalent protection including, but not limited to placing detectors in exhaust ducts from cells or behind protective guards listed for the purposed are allowed when necessary to prevent damage or tampering.
2. Sleeping units in Use Condition 2 and 3.
3. Smoke detectors are not required in sleeping units with four or fewer occupants in smoke compartments that are required throughout with an approved automatic sprinkler system.

907.2.3 Automatic fire detection system required. An approved automatic fire detection system shall be installed in all use groups, not provided with an automatic sprinkler system, and in accordance with NFPA 72. Devices, combination of devices, appliances, and equipment shall comply with Section 907.1.2 of this code. The automatic fire

detectors shall be smoke detectors, except that an approved alternative type of detector shall be installed in spaces such as boiler rooms where, during normal operation, products of combustion are present in sufficient quantity to activate a smoke detector. Automatic fire alarm systems shall comply with the 2010 edition of the NFPA 72 Standard.

907.2.4 Control panel locations. All fire alarm control panels of full function annunciator panels shall be installed within ten (10) feet of the main entrance, or in a location approved by the fire code official.

- (29) *Section 907.3 Fire safety functions.* Amended to read as follows: “Automatic fire detectors utilized for the purpose of performing fire safety function shall be connected to the building’s fire alarm control panel where a fire alarm system is required by Section 907.2 of this code. Detectors shall, upon actuation, perform the intended function and activate the alarm notification appliances or a visible and audible supervisory signal at a constantly attended location. The detectors shall be located in accordance with Chapter 5 of NFPA72. Multi-tenant Group M buildings will be activated by individual tenant space by the automatic sprinkler system flow switch for that space or an automatic fire detection system.”
- (30) *Section 912 Fire department connections.* Amended by adding a new subsection, *912.1.1. Local fire department connections*, which reads as follows: “All fire department connections shall be a NST four- (4) inch, non-swivel Storz connection with a fixed 30-degree downturn and shall be located on the building wall, 24 inches to 42 inches above the finished grade.”
- (31) *Section 1006.3 Emergency power illumination.* Amended by adding a new line Number 6, which reads as follows: “6. All rooms containing the building sprinkler riser(s), fire pump(s), and fire alarm control panel(s) shall be provided with approved emergency lighting.”
- (32) *Section 1007.6 Areas of refuge.* Amended by adding a new subsection, *1007.6.4 Identification*, which reads as follows: “Each door providing access to an area of refuge from an adjacent floor area shall be identified by a sign complying with ICC A117.1, stating: AREA OF REFUGE, and include the International Symbol of Accessibility. Where exit sign illumination is required by Section 1011.2 of this code, the area of refuge sign shall be internally illuminated. Additionally, tactile signage complying with ICC A117.1 shall be located at each door to an area of refuge.”
- (33) *Section 1011.3 Illumination.* Amended to read as follows: “Exit signs shall only be internally illuminated.”
- (34) *Section 1011.6 Externally illuminated exit signs.* Deleted in its entirety.
- (35) *Chapter 11 – Accessibility.* Deleted in its entirety.
- (36) *Section 1203.4.1.2 Openings below grade.* Amended to read as follows: “Where openings below grade provide required natural ventilation, the outside horizontal clear space measured perpendicular to the opening shall be one and one-half times the depth of the opening. The depth of the opening shall be measured from the average adjoining ground level to the bottom of the opening. The opening shall be protected with a metal grate or other approved covers.”

- (37) *Section 1207.2 Air-borne sound.* Amended to read as follows: “Walls, partitions and floor/ceiling assemblies separating dwelling units from each other or from public or service areas shall have a sound transmission class of not less than 55 for airborne noise and an impact insulation class of not less than 55 when tested in accordance with ASTM-E90 and ASTM-E492. Penetrations or openings in construction assemblies for piping; electrical devices; recessed cabinets; bathtubs; soffits; or heating, ventilating or exhaust ducts shall be sealed, lined, insulated or otherwise treated to maintain the required ratings. This requirement shall not apply to dwelling unit entrance doors; however such doors shall be tight fitting to the frame and sill.”
- (38) *Section 1404.5.3 Lead-coated copper.* Deleted in its entirety.
- (39) *Section 1404.11 Exterior insulation and finish systems.* Amended to read as follows: “Exterior insulation and finish systems (EIFS) must be drainable systems. EIFS with drainage shall comply with Section 1408 of this code.”
- (40) *Table 1405.2 Minimum Thickness of Weather Coverings.* Amended by deleting all references to “lead coated copper.”
- (41) *Section 1408.5 Installation.* Amended to read as follows: “Installation of EIFS with drainage shall be in accordance with EIFS manufacturer’s installation instructions.”
- (42) *Section 1503.4 Roof drainage.* Amended to read as follows: “Design and installation of roof drainage systems shall comply with Section 1503 of this code, Sections 1106 and 1108 of this code, as applicable, the Illinois Plumbing Code and the Glenview Municipal Code.”
- (43) *Table 1507.2.9.2 Valley lining material.* Amended by deleting all references to “lead coated copper.”
- (44) *Section 1809.4 Depth and width of footings.* Amended to read as follows: “The minimum depth of footings below the undisturbed surface shall be 42 inches where applicable; the depth of footings shall also conform to Section 1809.5 of this code.”
- (45) *Section 1809.5 Frost protection.* Amended to read as follows: “Except where otherwise protected from frost, foundation wall, piers, and other permanent supports of buildings and structures shall be protected by one or more of the following methods:
1. Extend a minimum of 42 inches below grade;
 2. Constructing in accordance with ASCE32; or
 3. Erecting on solid bedrock.
- Footings shall not bear on frozen soil unless such frozen condition is of a permanent character.”
- (46) *Section 1809.12 Timber footings.* Deleted in its entirety.
- (47) *Section 2406.4 Hazardous locations.* Amended by adding a new subsection, 2406.4.8 *Retail use districts*, which reads as follows: “All new glazing installed in a ground floor location in every business located in the Village’s D-D, B-1, B-2 and B-3 zoning districts, and in every retail use located in the Village’s I zoning districts, shall be safety

glass. Each pane of tempered glass except tempered spandrel glass shall be permanently identified by the manufacturer. The identification label shall be acid etched, sand blasted, ceramic fired, embossed, or shall be of a type that once applied cannot be removed without being destroyed and shall be visible when the unit is glazed. The installation or replacement glass shall be the same as required for new installations.”

- (48) *Chapter 27 – Electrical.* Deleted in its entirety.
- (49) *Chapter 29 – Plumbing Systems.* Deleted in its entirety.
- (50) *Section 3001.2 Referenced standards.* Amended to read as follows: “Conveyance for which a building permit is issued as of the effective date of October 1 , 2012 (building permit for new construction or a permit issued for the repair/modification of a conveyance) must be designed, constructed, installed, operated, inspected, tested, maintained, altered, and repaired in accordance with the following standards and recommended practices:
1. American Society of Mechanical Engineers
Three Park Ave.
New York, NY 10016-5990
 - A. Safety Code for Elevators and Escalators (ASME A17.1-2010/CSA B44-10) and Performance-Based Safety Code for Elevators and Escalators (ASME A17.7-2007/CSA B44.7-07);
 - B. Guide for Inspection of Elevators, Escalators and Moving Sidewalks (ASME A17.2-2012);
 - C. Safety Code for Existing Elevators and Escalators (ASME A17.3-2005)
 - D. Safety Standard for Platform Lifts and Stairway Chairlifts (ASME A18.1-2008);
 - E. Standard for Qualification of Elevator Inspectors (ASME QEI-1-2010).
 2. American National Standards Institute (ANSI)
West 43rd Street, 4th Floor
New York, NY 10036
 - A. Safety Requirements for Personnel Hoists and Employee Elevators (ANSI A10.4-2007)
 3. American Society of Civil Engineers (ASCE)
1801 Alexander Bell Drive
Reston, VA 20191-4400
 - A. Automate people Mover Standards (ASCE 21, Part 1-2005/2006, ASCE 21, Parts 2 through 4-2008).”
- (51) *Section 3001.3 Accessibility.* Amended to read as follows: “Passenger elevators required to be accessible by Title 71, Part 400 of the Illinois Administrative Code (the “Illinois Accessibility Code”) shall conform to ICC A117.1.”
- (52) *Section 3109 Swimming pool enclosures and safety devices.* Deleted in its entirety.
- (53) *Chapter 32 – Encroachments into public right-of-way.* Deleted in its entirety.
- (54) *Section 3401.3 Compliance.* Amended to read as follows: “Alterations, repairs, additions, and changes of occupancy to existing structures shall comply with the provisions for alternations, repairs, additions, and changes of occupancy in the ICC

International Fire Code, ICC International Fuel Gas Code, ICC International Mechanical Code, Illinois Plumbing Code, ICC International Property Maintenance Code, ICC International Residential Code, and National Electric Code.”

- (55) *Chapter 35 – Referenced Standards.* The text under the heading “NFPA” is amended to read as follows: “Pursuant to the Village’s home rule authority, the following national Fire Protection Association (NFPA) Codes and Standards are adopted by reference and supersede those codes and standards listed in Chapter 35 of this code.
1. NFPA 10 2013 Edition: Standards for the Installation of Portable Fire Extinguishers
 2. NFPA 13 2013 Edition: Standard for the Installation of Sprinkler Systems
 3. NFPA 13D 2013 Edition: Standard for the Installation of Sprinkler Systems in One and Two Family Dwellings and Manufactured Homes
 4. NFPA 13R 2013 Edition: Standard for the Installation of Sprinkler Systems in Residential Occupancies Up To and Including Four Stories in Height
 5. NFPA 14 2013 Edition: Standard for the Installation of Standpipes, Private Hydrants, and Hose Systems
 6. NFPA 17A 2013 Edition: Standard for the Installation of Wet Chemical Fire Extinguishing Systems
 7. NFPA 20 2013 Edition: Standard for the Installation of Stationary Fire Pumps
 8. NFPA 30 2015 Edition: Flammable and Combustible Liquids Code
 9. NFPA 30B 2015 Edition: Standard for the Manufacture and Storage of Aerosol Products
 10. NFPA 33 2011 Edition: Standard for Dipping and Coating Processes Using Flammable Liquids
 11. NFPA 58 2014 Edition: Liquefied Petroleum Gas Code
 12. NFPA 72 2013 Edition: National Fire Alarm Code
 13. NFPA 96 2014 Edition: Standard for the Installation of Hood and Duct Systems
 14. NFPA 1123 2014 Edition: Code for Outdoor Fireworks Displays
 15. NFPA 1124 2013 Edition: Code for the Manufacture, Transportation, Storage, and Retail Sales of Fireworks and Pyrotechnic Fireworks
 16. NFPA 1126 2011 Edition: Standard for Proximate Audience Pyrotechnics”