

Chapter 19.10

FIRE CODE*

* **Editors Note:** Serial No. 2004-31, § 1, adopted Oct. 11, 2004 amended Title 19 in its entirety. Serial No. 2006-19, adopted May 23, 2006 further amended Title 19 to read as herein set out. See the editor's note at Tit. 19 and also the Code Comparative Table for a detailed analysis of inclusion.

Charter References: Technical code adoption, § 5.5.

Administrative Code of Regulations cross reference--Density bonus, fire service, Part IV, § 04 CBJAC 030.010.

Cross References: Fire service area, CBJ Code § 01.30.100; fire service area functions, CBJ Code § 01.30.110; general right of entry for inspection, CBJ Code ch. 01.35; fire department, CBJ Code § 03.10.065; code enforcement, CBJ Code ch. 03.30; fire code fine schedule, CBJ Code § 03.30.057.

State Law References: Fire protection, AS 18.70.010 et seq.; fire code, 13 AAC 50.025.

Note: State Fire Marshal required changes are designated by "(SFM)".

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19.10.010 International Fire Code (IFC) adopted.

For the purpose of regulating the storage, handling and use of hazardous substances, materials and devices and other conditions hazardous to life or property in the use or occupancy of buildings or premises or portions thereof in the City and Borough, there is adopted by reference as the fire code of the City and Borough that certain compilation of rules and regulations jointly prepared and published by the International Code Council, a nationally recognized professional and trade organization, which compilation is entitled "International Fire Code, 2003 Edition," (IFC) and five copies each of which have been filed in the office of the

municipal clerk of the City and Borough or such other places as designated by the municipal clerk for public use, inspection and examination and which compilation is made a part of this chapter as if fully set forth in this section, subject only to the enumerated additions, deletions and changes in this chapter.
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.101 Accessibility.

Delete IFC Section 101, General, except as referred to elsewhere in this code, and add the following:

"Section 101, Accessibility. When buildings or facilities (or portions thereof) are covered by IBC Chapter 11, Accessibility, installations such as signage, protective signaling systems, alarm systems and areas of rescue assistance and the height of operable parts such as receptacles, switches and controls shall meet or exceed the requirements of ICC/ANSI A117.1-2003."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.105 Permits.

Delete subsections 105.6 Required operational permits and 105.7 Required construction permits except where referred to in CBJ 19.01.105.1.5 Fire Code Permits Required. All references to permit requirements in IFC chapters 3 through 44 are deleted except in those sections corresponding to the required permits in CBJ 19.01.105.1.5.
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.202 Definitions.

In IFC Section 202, "Occupancy classifications", "Educational Group E", delete the definition of "Day Care" and insert the following paragraph:

"The use of a building or structure, or portion thereof, for education, supervision or personal care services for more than five children older than 2 1/2 years of age, including children related to the staff shall be classified as an E occupancy." (SFM)

And add an exception under the definition "Educational Group E, Day care" to read:

"Exception. Family child care homes (Group R-3) operating between the hours of 6:00 a.m. and 10:00 p.m. may accommodate a total of 12 children of any age without conforming to the requirements of a Group E occupancy except for (1) smoke alarms as described in Subsection 907.2.10; (2) general means of egress requirements of Section 1003, including emergency escape and rescue openings, as required by Section 1009, in napping or sleeping rooms; and (3) portable fire extinguisher requirements as described in Section 906." (SFM)

Add a new paragraph between the first and second paragraphs of the definition of

"Institutional Group I-1" in "Occupancy Classification" to read:

"A facility in this occupancy classification that has occupants who need physical assistance to respond in emergency situations must comply with the International Building Code, Section 19.03.419." (SFM)

And change the first sentence of the last paragraph of definition of Occupancy Group I-1 to read:

"A facility such as the above with five or fewer persons, including persons related to the staff, shall be classified as Group R-3 or shall comply with the International Residential Code." (SFM, partial)

And change the first sentence of the second paragraph of definition of Occupancy Group I-2 to read:

"A facility such as the above with five or fewer persons, including persons related to the staff, shall be classified as Group R-3 or shall comply with the International Residential Code." (SFM, partial)

And change the last paragraph of the definition of Occupancy Group I-2 to read:

"A child care facility that provides care on a 24-hour basis to more than five children 2 1/2 years of age or less, including children related to the staff shall be classified as Group I-2." (SFM)

And revise the second sentence of the definition "Group I-4, day care facilities" to read:

"A facility such as the above with five or fewer persons, including persons related to the staff, shall be classified as a Group R-3 or shall comply with the International Residential Code." (SFM, partial)

Add a new paragraph between the first and second paragraphs of the definition of "Institutional Group I-4" in "Occupancy Classification" to read:

"A facility in this occupancy classification that has occupants who need physical assistance to respond in emergency situations must comply with the International Building Code, Section 19.03.419."

And add the following definition:

"*Service* is the annual test, maintenance or service defined and required by applicable fire protection system maintenance standards set out in Table 901.6.1." (SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.307.2.1 Open burning; authorization.

Add the following sentence to the end of the paragraph.

"Call 907-586-5333 between November 1 and April 1 for burn ban status."
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.307.2.2 Open burning; prohibited open burning.

Add the following sentences to the end of the paragraph.

"Open burning by commercial business is not allowed. Open burning which creates a danger to public health or safety will not be allowed. Open burning which causes a public nuisance shall be discontinued or extinguished. No person may cause or allow the open burning of: asphalt, rubber, plastic, tar, wire insulation, petroleum products, petroleum based products, petroleum treated products, automobile parts, treated lumber, oily waste, contaminated oil clean up materials, or other materials that produce black smoke; or putrescible garbage, or animal carcasses."
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.308.3 Open flames.

Delete IFC Section 308.3 and add the following:

"*Open flame.* The use of open flame in connection with a public meeting or gathering for the purposes of deliberation, worship, entertainment, amusement, instruction, education, recreation, awaiting transportation or similar purposes in assembly or educational occupancies shall be done in consultation with the fire department." (SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.401.3 Emergency forces notification.

Revise the first sentence to read:

"In the event an unwanted fire occurs on a property, the owner or occupant shall immediately report the conditions to the fire chief." (SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.405.10 Emergency evacuation drills.

Add a new subsection to read;

"*405.10 False alarms.* False alarms may not be counted as a fire drill for the purposes of this section." (SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.407.1 Hazard communication.

Delete IFC Section 407.1 and add the following:

"*407.1 General.* The provisions of Sections 407.2 through 407.7 shall be applicable, in the discretion of the fire chief, where hazardous materials are located on the premises."
(SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.408.3.5 Use and occupancy-related requirements; Group E occupancies; false alarms.

Add a new subsection as follows:

"*408.3.5 False Alarms.* False alarms may not be counted as a fire drill for the purposes of this section." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.501.2 Fire service features; general; permits.

Delete IFC Section 501.2 in its entirety.

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.503.1.1 Fire service features; fire apparatus roads, buildings and facilities.

Revise the first paragraph to read:

"The fire chief may require approved fire apparatus roadways for every facility, building, or portion of a building constructed or moved into or within the jurisdiction on or after 09/15/01. The fire apparatus access roadway must be required to comply with the requirements of this section as determined by the fire chief and be required to extend within 150 feet (45 720 mm) of all portions of the facility or building or any portion of the exterior wall of the first story of the facility or building as measured by an approved route around the exterior of the building or facility." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.508.3 Fire flow.

Delete IFC Section 508.3 and add the following:

"508.3 Water supplies for the fire flow requirements for buildings or portions of buildings and facilities shall be calculated using the provisions of Appendix Chapter B and Table B105.1."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.508.5.2 Fire protection water supplies; inspection, testing and maintenance.

Delete the word “periodic” in the first sentence and replace with the following:

“annual ”

(Serial No. 2006-19, § 20, 5-23-2006)

19.10.508.5.7 Fire protection water supplies; fire hydrant connectors.

Add a new subsection as follows:

“19.10.508.5.7 Fire hydrant connectors. All new or relocated fire hydrants shall be equipped with connectors of an approved type.”

(Serial No. 2006-19, § 20, 5-23-2006)

19.10.508.6 Fire protection water supplies.

Add a new subsection as follows:

"*508.6 Damage Protection.* When exposed to probable vehicular damage due to proximity to alleys, driveways or parking areas, standpipes, post indicator valves and sprinkler system or standpipe system connections shall be protected by guard posts or other approved means."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.604.2.15.2 Underground buildings; emergency power.

Add a new subsection as follows:

"*604.2.15.2.2 Pickup time.* The emergency power system shall pick up its connected loads within 10 seconds of failure of the normal power supply." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.703.2.3 Door operation.

Add a new subsection as follows:

"*703.2.3.1 Operation.* Fire assemblies shall not be obstructed or otherwise impaired from their proper operation at any time. When two or more self-closing fire assemblies within a building have been documented as having been obstructed or impaired during three or more inspections, the fire code official may order the installation of automatic closing devices meeting the requirements of Subsection 715.3.7.3 of the IBC." (SFM, partial)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.901.4 Fire protection systems; installation.

Add a new subsection as follows:

"901.4.5 Marking Of Fire Protection Equipment And Fire Hydrants. Fire Department connection devices for building sprinkler systems in new and existing buildings shall be identified by the installation of approved reflective markers or signs installed above the device in an unobstructed location at approximately 7 feet above grade."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.901.5 Fire protection systems; installation acceptance testing.

Add the following at the end of the last sentence:

"and all results of such tests must be conveyed to the chief within 30 days." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.901.6.2 Fire protection systems; inspection, testing and maintenance; records.

Add a new subsection as follows:

"901.6.2.1 Reports. A copy of all services reports shall be sent to the fire code official. Each system shall be tagged by the inspection agency, indicating the date of service and whether or not the system is in conformance with the associated standards." (SFM, partial)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.901.6.3 Fire protection systems; inspection, testing and maintenance, schedule.

Add the following new subsection:

"901.6.3 Schedule. Notwithstanding other code or standard requirements, fire extinguishers and fire systems shall be inspected, tested and serviced as follows:

1. Annually.

EXCEPTIONS:

- (A) Standpipes systems shall be inspected, tested and serviced every 5 years.
- (B) Range hoods automatic fire extinguishing systems shall be inspected, tested and serviced every 6 months as specified in IFC 904.11.6.4.

2. After any use or activation,

3. Any time damage is found,

4. After repair or alteration,
5. When required by the fire chief,
6. After a seasonal shutdown.

Reports of inspections and tests shall be maintained on the premises plus a copy of the acceptance test certificate shall be forwarded to the chief by the person conducting the inspection or test within 30 days of the inspection or test being completed. The annual fire extinguisher testing may be performed by any person who has a valid permit in accordance with 13 AAC 50.030(h), including the building owner or the owner's agent." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.901.6.4 Fire protection systems; inspection, testing and maintenance; certification of operable systems.

Add the following new subsection:

"901.6.4 Certification of operable systems. Certification of a system's condition shall include, at a minimum, the relevant information specified in 2002 NFPA 25, Appendix B."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10. 903.2.1.2 Automatic sprinkler systems; Group A-2.

In item 2 change "300" to "100."

(Serial No. 2006-19, § 20, 5-23-2006)

19.10.903.2.2 Automatic sprinkler systems; Group E.

Delete IFC Section 903.2.2, and add the following:

"903.2.2 Group E. An automatic sprinkler system shall be provided throughout all buildings in Group E occupancies and for every portion of educational buildings below the level of exit discharge. The use of a firewall does not constitute a separate building for the purposes of this section.

Exception: Buildings with E occupancies having an occupant load of 49 or less.

Day care uses that are licensed to care for more than 5 persons between the hours of 10 p.m. and 6 a.m. shall be equipped with an automatic sprinkler system designed and installed in accordance with Subsection 903.3.1.3, or an approved equivalent system." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.903.2.7 Automatic sprinkler systems; Group R.

Revise to read as follows:

"An automatic sprinkler system shall be installed in Group R occupancies as required in 903.2.7.1 through 903.2.7.3" (SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.903.2.7.1 Automatic sprinkler systems; Group R-1.

Add a new subsection as follows:

"903.2.7.1 *Group R-1.* An automatic sprinkler system shall be provided throughout all buildings with a Group R-1 fire area.

Exceptions:

1. Where guestrooms are not more than three stories above the lowest level of discharge and each guestroom has at least one door leading directly to an exterior exit access that leads directly to approved exits.
2. A residential sprinkler system installed in accordance with Section 903.3.1.2 shall be allowed in buildings, or portions thereof, of Group R-1." (SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.903.2.7.2 Automatic sprinkler systems; Group R-2.

Add a new subsection as follows:

"903.2.7.2 *Group R-2.* An automatic sprinkler system shall be provided throughout all buildings with a Group R-2 fire area where more than two stories in height, including basements, or where having more than sixteen dwelling units or sleeping rooms.

Exception: A residential sprinkler system installed in accordance with Section 903.3.1.2 shall be allowed in buildings, or portions thereof, of Group R-2." (SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.903.2.7.3 Automatic sprinkler systems; Group R-4.

Add a new subsection as follows:

"903.2.7.3 *Group R-4.* An automatic sprinkler system shall be provided throughout all buildings with a Group R-4 fire area.

Exception: A residential sprinkler system installed in accordance with Section 903.3.1.2 shall be allowed in Group R-4 facilities." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.903.2.10.1 Automatic sprinkler systems; stories and basements without openings.

In the first sentence, delete the words: "where the floor area exceeds 1,500 square feet (139.4 m²) and"

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.903.2.10.3 Automatic sprinkler systems; buildings more than three stories or 45 feet in height.

Delete the subsection 903.2.10.3 Automatic sprinkler systems; buildings more than three stories or 55 feet in height and the Exceptions and add the following:

"903.2.10.3 Buildings more than three stories or 45 feet in height. An automatic fire sprinkler system shall be installed throughout all buildings more than three stories in height or where any portion is more than 45 feet above or below fire department vehicle access. This requirement shall not affect the sprinkler substitutions in IBC Chapter 5, General Building Heights and Areas and IBC Chapter 7, Fire Resistance-Rated Construction."

(Serial No. 2004-31, § 1, 10-11-2004; Serial No. 2006-19, § 20, 5-23-2006)

19.10.903.2.10.4 Automatic sprinkler systems; buildings over 12,000 square feet.

Add a new subsection as follows:

"903.2.10.4 Buildings over 12,000 square feet. When new construction, addition or remodeling creates a building not covered in IFC Sections 903.2.10.1 through 903.2.10.3 and where the ground floor area exceeds 12,000 square feet, an automatic sprinkler system shall be installed throughout the building. For this section only, not less than four-hour fire walls may be used to divide larger buildings into buildings less than 12,000 square feet, however, automatic closing door openings with three-hour fire resistive ratings are allowed at a rate of no more than one opening in every 50 lineal feet of fire wall."

(Serial No. 2004-31, § 1, 10-11-2004; Serial No. 2006-19, § 20, 5-23-2006)

19.10.903.2.10.5 Automatic sprinkler systems; buildings over 24,000 square feet.

Add a new subsection as follows:

"903.2.10.5 Buildings over 24,000 square feet. When new construction, addition or remodeling creates a building not covered in IFC Sections 903.2.10.1 through 903.2.10.2 and CBJ Title 19 Sections 19.10.903.2.10.3 and 19.10.903.2.10.4 and where the total area under roof, regardless of fire walls, exceeds 24,000 square feet, an automatic sprinkler system shall be installed throughout the building."

(Serial No. 2004-31, § 1, 10-11-2004; Serial No. 2006-19, § 20, 5-23-2006)

19.10.903.3.1.1.2 Automatic sprinkler systems; elevator hoistways and machine rooms.

Add the following subsection:

"903.3.1.1.2 Elevator Hoist Ways and Machine Rooms. When the provisions of this code require the installation of automatic sprinkler systems, the installation in elevator hoist ways and machine rooms must occur as described in NFPA 13 Elevator Hoistways and Machine Rooms and adopted by reference and the American Society for Mechanical Engineers (A.S.M.E.) A17.1 Safety Code for Elevators and Escalators and adopted by reference.

Exception:

Sprinklers are not required in an elevator machine room where all of the following occur:

- (1) separated from the remainder of the building in accordance with ASME A17.1 Safety Code for Elevators and IBC section 3006.4,
- (2) smoke or heat detection is provided in accordance with NFPA 72,
- (3) notification of alarm activation is received at a constantly monitored location."
(SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.903.3.7 Fire department connections.

Add the following at the end of the sentence:

"and equipped with an approved locking caps."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.903.4.2 Automatic sprinkler systems; alarms.

In the first sentence, add "and visual strobe" after "audible".

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.903.6.2 Automatic sprinkler systems; existing buildings; educational occupancies.

Add a new subsection as follows:

"903.6.2 Educational occupancies. An approved automatic fire extinguishing system shall be installed in an E Occupancy in accordance with Section 903.2.2, as revised, whenever alterations, repairs or additions are made to an existing structure containing an E Occupancy." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.904.6 Alternative automatic fire-extinguishing systems; dry-chemical systems.

Add the following sentence to the end of the paragraph:

“Effective June 1, 2006, Dry-Chem commercial kitchen hood extinguishing systems shall be replaced with a UL 300 listed wet chemical system.”

(Serial No. 2006-19, § 20, 5-23-2006)

19.10.904.11.6.3 Alternative automatic fire-extinguishing systems; commercial cooking systems; operations and maintenance; cleaning.

Add the following at the end of the paragraph:

“Persons performing cleaning on grease removal hoods shall be trained on NFPA 96.”

(Serial No. 2006-19, § 20, 5-23-2006)

19.10.905.1 Standpipe systems.

Add a sentence as follows:

"Street level connections must be equipped with approved locking caps."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10. 905.3.7 Standpipe systems; required installations; marinas and boat yards.

Add a new section as follows:

“19.10.905.3.7 Marinas and boat yards. Marinas and boatyards shall be equipped throughout with standpipe systems in accordance with NFPA 303.”

(Serial No. 2006-19, § 20, 5-23-2006)

19.10.907.1.1 Fire alarm and fire detection systems; construction documents.

Revise by adding the following additional required construction documents for plan review:

"12. System riser diagrams." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.907.2.3 Fire alarm and fire detection systems; Group E.

Add a second paragraph as follows:

"Rooms used for sleeping or napping purposes within a day care use of a Group E occupancy must be provided with smoke alarms that comply with the requirements of section 907.2.10.1.2." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.907.2.10 Fire alarm and fire detection systems; single- and multiple-station smoke alarms.

Add a second paragraph as follows:

"When a plan review is required for an existing Group R Occupancy, smoke alarms shall be installed as described in Section 907.2.10.1." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.907.2.10.1.2 Fire alarm and detection systems; single- and multiple-station smoke alarms; where required; Groups R-2, R-3, R-4 and I-1.

In item 2. after "In each room used for sleeping purposes", add the following:

"or other habitable room over 70 square feet and not used for cooking, eating or living room uses.

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.907.17 Fire alarm and detection systems; acceptance tests.

Add a new sentence as follows:

"A copy of the acceptance test certificate must be forwarded to the Fire Chief by the firm conducting the test within 30 days of the completion of the installation." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1002.1 Definition of "private stairway."

Add the following definition:

"STAIRWAYS, PRIVATE" are stairways within commercial occupancies serving one tenant only and not used by the public."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1007.6 Areas of refuge.

Add the following sentence:

"Fire department hose connections and valves shall not be located in areas of refuge."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1008.1.4 Floor elevation.

Add the following exception:

"6. Landings are not required at doors serving non-habitable building equipment rooms and spaces."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1008.1.9 Doors; panic and fire exit hardware.

Change the number "100" in the second paragraph to "50". (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1009 Stairways.

Add a new subsection as follows:

"1009.0 *Scope*. Stairs and ladders used only to attend equipment, to access non-habitable spaces or in window wells are exempt from the requirements of this section." (SFM, partial)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1009.1 Stairway width.

Add the following exception:

"5. Private Stairways, as defined in IFC 1002.1, may be 32 inches wide."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1009.3 Stairways; stair treads and risers.

Delete Exception 5 and add the following:

"5. Private Stairways, as defined in 19.03.1002, shall have stair riser heights of 8 inches maximum and stair tread depths of 9 inches minimum."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1009.4 Stairway landings.

Add the following exception:

"3. Landings are not required at the top or bottom of stairways accessing non-habitable building equipment rooms."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1009.10 Alternating tread devices.

Insert the following to the last line of the first paragraph between the words "in area" and the words "and for access to unoccupied roofs.":

"; in buildings covered by the IRC and Group R-3 sleeping and other lofts or similar separate spaces of not over 250 square feet and not containing primary kitchens or bathrooms"

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1018.1 Exits; minimum number of exits.

Add an exception as follows:

"Exception: Basements or the first level below the first story in all occupancies except Group R-3, used exclusively for the service of the building, may have access to only one exit. Any other use of the basement or first level below the first story must have at least two exits arranged in accordance with Section 1014.2. For purposes of this exception, storage rooms, laundry rooms, maintenance offices, and similar uses may not be considered as providing service to the building." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1025.1 Emergency escape and rescue; general.

In the second sentence after "...sleeping room...", add the following:

"or other habitable room over 70 square feet and not used for cooking, eating or living room uses".

and delete exceptions 1, 2, 3, 4 and 7. (SFM, partial)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1025.6 Replacement emergency escape and rescue windows.

Add a new subsection and new exceptions as follows:

"1025.6 Replacement emergency escape and rescue windows. Replacement windows for emergency escape and rescue shall meet full egress dimensions per IFC Sections 1025.1 through 1025.3 where rough openings allow.

Exceptions:

1. Where the existing rough opening does not allow for full emergency escape and rescue per IFC Sections 1025.1 through 1025.3, replacement windows shall have a minimum opening of 20 inches clear width, 22 inches clear minimum height, 4.0 square feet minimum of net opening and a finished sill height of not more than

48 inches to a permanent walkable surface. If the existing rough opening cannot accommodate these dimensions, the rough opening shall be enlarged or a new opening created to allow installation of a full emergency escape and rescue window per IFC Sections 1025.1 through 1025.3.

2. Where the rough opening is not required to be enlarged to meet the minimum clear width, height or area then the finished sill height restriction may be met with the installation of one or more permanently affixed steps. These steps shall extend the full width of the window and meet the current codes rise/run requirements so the top step is no greater than 44 inches to the top of the sill.”

(Serial No. 2004-31, § 1, 10-11-2004; Serial No. 2006-19, § 20, 5-23-2006)

19.10.1102.1 Aviation facilities; definitions.

The first sentence of the definition of "Airport" is revised to delete the words "with an overall length greater than 39 feet (11887 mm) and an overall exterior fuselage width greater than 6.6 feet (2012 mm)". (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1103.5 Aviation facilities; dispensing of flammable and combustible liquids.

Delete the last sentence and add the following:

"Aircraft motor vehicle fuel-dispensing stations shall be in accordance with IFC Chapter 22 and NFPA 407, and adopted by reference." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.1106.1 Aircraft motor vehicle fuel-dispensing stations.

Delete IFC Section 1106.1, and add the following:

"1106.1 Aircraft motor vehicle fuel-dispensing stations. Aircraft motor vehicle fuel-dispensing stations shall be in accordance with IFC Chapter 22 and NFPA 407, and adopted by reference." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.2211.2.3 Repair garages; drainage and disposal of liquids and oil-soaked waste.

Add a sentence to end of the first paragraph to read:

"Where oil separators or traps are provided, neither the oil nor the water phase may drain to septic systems, dry wells or other means of underground discharge." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.2301.2 High-piled combustible storage; permits.

Delete IFC Section 2301.2.
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.2701.5 Hazardous materials - general provisions; permits.

Add a new paragraph at the end of the subsection as follows:

"For purposes of storage and transport of hazardous materials at, through or near marine facilities, NFPA 307-1995, Standard for the Construction and Fire Protection of Marine Terminals, Piers and Wharves, shall apply."
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3301.1 Explosives and fireworks; scope.

Add a new subsection as follows:

"*3301.1.6 Transportation.* Explosive materials must be transported in accordance with DOT 49 CFR Parts 100-185. The delivery of fireworks to locations within this state is prohibited unless suppliers and receivers have currently valid licenses or permits from the state fire marshal and operates in a manner consistent with AS 18.72 and this chapter."
(SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3301.1.3 General; fireworks.

Delete exception 4.
(Serial No. 2006-19, § 20, 5-23-2006)

19.10.3301.1.6 Transportation.

Add a new subsection as follows:

"Explosive materials must be transported in accordance with 49 CFR Parts 100-185, revised as of October 1, 2002. No person may conduct a fireworks display or possess, transport or test dangerous fireworks for such a display, unless the person holds a valid permit or license from the State Fire Marshal, and the activity is conducted in accordance with AS 18.72 and this chapter." (SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3301.2 Explosives and fireworks; permit required.

Delete subsections 3301.2.4, Financial responsibility and 3301.2.4.2, Fireworks display.
(SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3302.1 Definitions; Fireworks; fireworks 1.4G.

Delete the word “not” from the last sentence.
(Serial No. 2006-19, § 20, 5-23-2006)

19.10.3308.2 Fireworks displays; permit application.

Delete and add the following:

"Permit application. A license or permit must be obtained from the State Fire Marshal's office to conduct fireworks activities including:

- (1) a Wholesaler's License, as described in AS 18.72, to sell, or possess or transport for sale, salable or dangerous fireworks at wholesale;
- (2) a Retailer's Permit, as described in AS 18.72, for each location where the applicant intends to sell, or possess or transport for sale, salable fireworks at retail;
- (3) a Pyrotechnic Operator's Permit to conduct a fireworks display or non-routine testing of dangerous fireworks, or to possess or transport fireworks for display or non-routine testing of dangerous fireworks;
- (4) a Fireworks Event Permit for each event involving public or private display of any amount of dangerous fireworks or 250 gross pounds (113.4 kg) of salable fireworks; or
- (5) an Annual Permit for routine testing of dangerous fireworks.

A permit under (5) of this subsection may be obtained from the State Fire Marshal's office or, on a form approved by the State Fire Marshal, from the fire chief.

An applicant for a Fireworks Event Permit under item (4) of this subsection or for testing under item (5) of this subsection must hold a valid Pyrotechnic Operator's Permit under item (3) of this subsection." (SFM, partial)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3308.2.3 Fireworks display; permit application; delivery of fireworks.

Add a new subsection as follows:

"3308.2.3. Delivery of fireworks. The delivery of fireworks to locations within this jurisdiction is prohibited unless the vendor first obtains a license or permit from the state fire marshal and operates in a manner consistent with AS 18.72 and this section."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3308.6.1 Fireworks display; installation of mortars; mortar construction.

Add a new subsection to read:

"3308.6.1 *Mortar construction.* Mortars must be constructed of heavy cardboard, paper, high density plastic pipe, or metal other than cast iron." (SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3308.11 Fireworks display; retail display and sale.

Delete IFC Section 3308.11.
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3401.4 Flammable and combustible liquids; permits.

Delete subsection 3401.4, Permits.
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3403.5.1 Flammable and combustible liquids; labeling and signage; style.

Delete the second sentence and add the following:

"Signs warning of the hazard of flammable liquids shall have either white lettering on a red background or red lettering on a white background, and shall read: DANGER-FLAMMABLE LIQUIDS." (SFM)
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3404.2.10 Flammable and combustible liquids; storage; drainage and diking.

Add the following sentence to the end of the paragraph:

"Dikes shall be constructed as per NFPA Standard 30, Section 2-3.4.3"
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3404.2.13.1.4 Flammable and combustible liquids; tanks abandoned in place.

Delete item 5;

And delete the exception to item 3;

And add the following to the end of item 3:

"such as sand or concrete."
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3404.2.14.1 Flammable and combustible liquids; storage; removal.

Add a new item 6 as follows:

"6. The internal tank environment shall be monitored by a combustible gas detector during the removal of the tank."

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3501.3 Flammable gases; general; plan review.

Add a new subsection to read:

"3501.3 *Plan Review*. Where a single container or the aggregate capacity of all containers at a site is over 500-gallon (1892.7 L) water capacity, the installer shall submit plans for review before installation in accordance with 13 AAC 50.027." (SFM)

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.3801.2 Liquefied petroleum gases; permits.

Delete IFC subsection 3801.2 in its entirety.

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.Chapter 45 Referenced standards; NFPA.

In IFC Chapter 45, NFPA, add the following standards to those listed and delete listings for other years editions of the same standards:

NFPA 10-2002, 12-2000, 12A-1997, 13-2002, 13D-2002, 13R-2002, 14-2003, 36-2001, 37-2002, 53-1999, 59-2001, 72-2002, 75-1999, 77-2000, 79-1997, 86C-1999, 86D-1999, 99B-2002, 262-1999, 312-2000, 410-1999, 415-1997, 423-1999, 750-2003.

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.Appendix A Board of appeals.

IFC Appendix A, Board of Appeals, is not adopted.

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.Appendix B Fire-flow requirements for buildings.

IFC Appendix B, Fire-Flow Requirements for Buildings, is adopted as a part of this code.

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.Appendix C Fire hydrant locations and distribution.

IFC Appendix C, Fire Hydrant Locations and Distribution, is adopted as a part of this code.

(Serial No. 2004-31, § 1, 10-11-2004)

19.10.Appendix D Fire apparatus access roads.

IFC Appendix D, Fire Apparatus Access Roads, is adopted as a part of this code.
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.Appendix E Hazardous categories.

IFC Appendix E, Hazardous Categories, is adopted as a part of this code.
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.Appendix F Hazard ranking.

IFC Appendix F, Hazard Ranking, is adopted as a part of this code.
(Serial No. 2004-31, § 1, 10-11-2004)

19.10.Appendix G Cryogenic fluids - weight and volume equivalents.

IFC Appendix G, Cryogenic Fluids - Weight and Volume Equivalents, is adopted as a part of this code.
(Serial No. 2004-31, § 1, 10-11-2004)