

**AN ORDINANCE TO AMEND
CHAPTER 42, ARTICLE III, OF THE CITY CODE OF ORDINANCES
OF THE CITY OF ROLLING MEADOWS, ILLINOIS**

WHEREAS, the City deems it necessary and desirable to amend Chapter 42, Article III, of the City Code.

BE IT ORDAINED by the Mayor and City Council of the City of Rolling Meadows, Cook County, Illinois, as follows:

Section 1: That Article III entitled, "Codes," of Chapter 42 of the Code of Ordinances, City of Rolling Meadows, Illinois, is amended as follows:

By amending Division 2 to read "**International Fire Code**"

By amending Section 42-141 entitled, "Adoption of Code," as follows:

"Sec. 42-141. Adoption of Code.

(a) *International fire code adopted.* The International Fire Code, 2009 edition, including Appendices A, B, D, F, H, I, J as published by the International Code Council, Inc., is adopted by reference pursuant to the authority of 65 ILCS 5/1-3-2. Any reference in such code to "fire official" shall read as meaning the "Fire Code Official" and any reference to "jurisdiction" shall mean the "City of Rolling Meadows". In the event that the provisions of such code are in conflict with state laws or any other city ordinance, the stricter shall prevail. In addition to the three copies of the International Fire Code on file with the city clerk, at least one copy shall be kept in the office of the Community Development Director for public purpose.

(b) *Amendments.* The International Fire Code adopted in subsection (a) of this section is amended as follows:

Section 101.1 is amended to read as follows:

101.1 Title. These regulations shall be known as the Fire Code of the City of Rolling Meadows, hereinafter referred to as "this code."

Section 101.6 is added to read as follows:

101.6 Emergency Response Repository Container Units (Lock Box).

Section 101.6.1 is added to read as follows:

101.6.1 General. The owner or operator of any facility which currently has, or shall be installing, a fire detection system (automatically or manual) and/or a fire suppression system, where either or both are monitored, shall provide a repository container (lock box) at the facility site, as set forth in this section.

Exception: When the facility always has a representative present on site 24 hours a day who shall permit fire department access.

Section 101.6.2 is added to read as follows:

101.6.2 Item contained. The repository container (lock box) shall contain key(s) to access those portions of the facility that the code official deems necessary. Each key shall be labeled as to its area(s) of function.

Section 101.6.3 is added to read as follows:

101.6.3 Location and identification. The repository container (lock box) shall be installed at a location designated by the code official and shall be identified in a manner described by the code official.

Section 101.6.4 is added to read as follows:

101.6.4 Size. The size of the repository container (lock box) shall be that which is deemed adequate by the code official.

Section 101.6.5 is added to read as follows:

101.6.5 Keying. All repository containers (lock boxes) shall be keyed in accordance with the requirements set forth by the code official.

Section 101.6.6 is added to read as follows:

101.6.6 Update and Notifications. The owner or operator of the facility shall update the key(s) within the repository container (lock box) as soon as is reasonably possible after a change has been made that will require the change of the key(s). The code official shall be notified in order that the change of key(s) may take place.

Section 109.3 is amended to read as follows:

109.3 Violation penalties. *Persons* who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the *approved construction documents* or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be subject to adjudication proceedings.

Section 111.4 is amended to read as follows:

111.4 Failure to Comply. Any *person* who shall continue any work after having been served with a stop work order, except such work as that *person* is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than \$30.00 (thirty dollars) or more than \$500.00 (five hundred dollars).

Section 202 is amended by deleting “Laboratories: testing and research” from Occupancy Classification, Business Group B; and adding “Laboratories: testing and research” to Occupancy Classification, Factory Industrial Group F-1 moderate-hazard occupancy.

Section 903.2.1.1 is amended to read as follows:

903.2.1.1 Group A-1. An automatic sprinkler system shall be provided for Group A-1 occupancies where one of the following conditions exists:

1. The fire area exceeds 2,500 square feet.
2. The fire area has an occupant load of 75 or more.
3. The fire area is located on a floor other than the level of exit discharge.
4. The fire area contains a multi-theater complex.

Section 903.2.1.2 is amended to read as follows:

903.2.1.2 Group A-2. An automatic sprinkler system shall be provided for Group A-2 occupancies where one of the following conditions exists:

1. The fire area exceeds 2,500 square feet.
2. The fire area has an occupant load of 75 or more.
3. The fire area is located on a floor other than the level of exit discharge.

Section 903.2.1.3 is amended to read as follows:

903.2.1.3 Group A-3. An automatic sprinkler system shall be provided for Group A-3 occupancies where one of the following conditions exists:

1. The fire area exceeds 5,000 square feet.
2. The fire area has an occupant load of 75 or more.
3. The fire area is located on a floor other than the level of exit discharge.

Exceptions: Areas used exclusively as participant sports areas where the main floor area is located at the same level as the level of exit discharge of the main entrance and exit.

Section 903.2.1.4 is amended to read as follows:

903.2.1.4 Group A-4. An automatic sprinkler system shall be provided for Group A-4 occupancies where one of the following conditions exists:

1. The fire area exceeds 5,000 square feet.
2. The fire area has an occupant load of 300 or more.
3. The *fire area* is located on a floor other than *a level of exit discharge* serving such occupancies.

Section 903.2.2.1 is added to read as follows:

903.2.2.1 Group B. An automatic sprinkler system shall be provided throughout all Group B fire areas greater than 5,000 square feet or where the combined Group B fire areas on all floors, including mezzanines, exceeds 10,000 square feet.

Section 903.2.3 is amended to read as follows:

903.2.3 Group E. An automatic sprinkler system shall be provided for Group E occupancies as follows:

1. Throughout all Group E fire areas greater than 5,000 square feet in area.
2. Throughout every portion of educational buildings below the lowest level of exit discharge serving that portion of the building.

Exception: An automatic sprinkler system is not required in any fire area or area below the lowest level of exit discharge serving that area where every classroom throughout the building has at least one exterior exit door at ground level.

Section 903.2.4 is amended to read as follows:

903.2.4 Group F-1. An automatic sprinkler system shall be provided throughout all buildings containing a Group F-1 occupancy where one of the following conditions exists:

1. Where a Group F-1 fire area exceeds 5,000 square feet;
2. Where a Group F-1 fire area is located more than two stories above grade; or
3. Where the combined area of all Group F-1 fire areas on all floors, including any mezzanines, exceeds 10,000 square feet.

Section 903.2.4.2 is added to read as follows:

903.2.4.2 Group F-2. An automatic sprinkler system shall be provided throughout all Group F-2 fire areas greater than 5,000 square feet or where the combined group F-2 fire areas on all floors, including mezzanines, exceeds 10,000 square feet.

Section 903.2.7 is amended to read as follows:

903.2.7 Group M. An *automatic sprinkler system* shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exists:

1. Where a Group M *fire area* exceeds 5,000 square feet.
2. Where a Group M *fire area* is located more than two stories above grade; or
3. Where the combined *fire area* of all Group M fire areas on all floors, including any mezzanines, exceeds 10,000 square feet.

Section 903.2.9 is amended to read as follow:

903.2.9 Group S-1. An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A Group S-1 *fire area* exceeds 5,000 square feet;
2. A Group S-1 *fire area* is located more than two stories above grade; or
3. The combined area of all Group S-1 *fire areas* on all floors, including any mezzanines, exceeds 10,000 square feet.

Section 903.2.9.1 is amended to read as follow:

903.2.9.1 Repair garages. An *automatic sprinkler system* shall be provided throughout all buildings used as repair garages in accordance with Section 406 of the International Building Code, as shown:

1. Buildings two or more stories in height, including basements, with a *fire area* containing a repair garage exceeding 5,000 square feet.
2. Buildings no more than one story above grade plane, with a *fire area* containing a repair garage exceeding 6,000 square feet.
3. Buildings with a repair garage servicing vehicles parked in the *basement*.

Section 903.2.9.2 is amended to read as follows:

903.2.9.2 Bulk storage of tires. Buildings and structures where the area for the storage of tires exceeds 10,000 cubic feet shall be equipped throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1.

Section 903.2.10 is amended to read as follows:

903.2.10 Group S-2 enclosed parking garages. An *automatic sprinkler system* shall be provided throughout buildings classified as enclosed parking garages in accordance with Section 406.4 of the International Building Code as follows:

1. Where the *fire area* of the enclosed parking garage exceeds 5,000 square feet; or
2. Where the enclosed parking garage is located beneath other groups.

Exception: Enclosed parking garages located beneath Group R-3 occupancies.

Section 903.4.3 is amended to read as follows:

903.4.3 Floor control valves. *Approved* supervised indicating control valves shall be provided at the point of connection to the riser on each floor in multiple story buildings, provide floor control valves with water flow switches for each floor.

Section 903.7 is added to read as follows:

903.7 Hydraulic nameplate. By each hydraulically calculated area, on each drawing, provide a copy of the hydraulic nameplate.

Section 903.8 is added to read as follows:

903.8 Fire pump test header. Provide an OS & Y control valve on all fire pump test headers. Provide an outside test header on fire pump installations.

Section 903.9 is added to read as follows:

903.9 Private fire hydrants. Fire hydrants shall be provided around the perimeter of the building in 300 foot increments. Also a fire hydrant shall be located within 100 feet of the fire department connection on the fire protection water supply to the building.

Section 903.10 is added to read as follows:

903.10 Access door. Provide an outside access door to the sprinkler riser valve room and fire pump room.

Section 903.11 is added to read as follows:

903.11 Fire rated assembly. Provide a minimum one hour fire resistance rated assembly for sprinkler valve room and fire pump room.

Section 903.12 is added to read as follows:

903.12 Fire hose valves. In all warehouse storage areas exceeding 20,000 square feet, and where storage exceeds 12 feet high, provide inside 2-1/2 inch fire hose valves with 1-1/2 inch reducer to a 1-1/2 inch connection. Locate the valves at each door entrance to the warehouse and/or storage area. Provide additional 2-1/2 inch fire hose valves so that no portion of the warehouse and/or storage area is more than 120 feet maximum travel distance to a fire hose valve. Show the location of all obstructions and/or racks on the drawing.

The fire hose valves system piping shall be:

- a. A separate riser piping system.
- b. The 1-1/2 inch valves shall be supplied by a minimum of 4-inch with 2-1/2 inch drops to each valve.
- c. Where system pressures exceed 100 psi provide Potter reduced pressure field adjustable type valves.

Section 905.3.1 is amended to read as follows:

905.3.1 Height. Class III standpipe systems shall be installed throughout buildings where the floor level of the highest story is located more than 30 feet or 3 stories, whichever is smaller, above the lowest level of the fire department vehicle access, or where the floor level of the lowest story is located more than 30 feet or 2 stories, whichever is smaller, below grade.

Section 906.1 is amended by deleting the exception.

Section 907.1.4 is added to read as follows:

907.1.4 Addressable fire alarm. All fire alarm systems shall be of the addressable type.

Section 907.2 is amended to read as follows:

907.2 Where required. An approved manual, automatic or manual and automatic fire alarm system shall be provided in all Use Groups including occupant notification appliances throughout the building installed per NFPA 72.

Devices, combination of devices, appliances, and equipment shall comply with Section 907.1.2. 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.

All fire alarm control panels or full function annunciator panels shall be installed within 10 feet of the main entrance, or in a location approved by the fire department.

Exception: 1- and 2- family dwellings and townhouses.

Section 907.2.1 is deleted in its entirety.

Section 907.2.2 is deleted in its entirety.

Section 907.2.3 is deleted in its entirety.

Section 907.2.4 is deleted in its entirety.

Section 907.2.5 is deleted in its entirety.

Section 907.2.7 is deleted in its entirety.

Section 907.2.8 is deleted in its entirety.

Section 907.2.9 is deleted in its entirety.

Section 907.2.10 is deleted in its entirety.

Section 907.7.1.1 is added to read as follows:

907.7.1.1 Multi-tenant Use Group M buildings will be “ring by tenant” activated by the fire sprinkler system flow switch for that space or automatic fire detection and shall include a weatherproof clear outside strobe over the entrance to each tenant space as directed by the fire department. All outside strobes shall be 75 candela minimum.

Section 912.1.1 is added to read as follows:

Fire department connections. All fire department connections shall be a 2-1/2 inch x 2-1/2 inch Siamese NST connection.

Section 1006.3 is amended to by adding the following:

6. All rooms containing the building fire sprinkler riser(s), fire pump(s) and fire alarm control panel(s).

Section 1021.5 is added to read as follows:

1021.5 Storage Prohibited. Storage is prohibited in exit passageways and such passageways shall be posted with conspicuous signs so stating.

Section 4603.6.5.1 is amended to read as follows:

4603.6.5.1 Group R-1 hotel and motel manual fire alarm systems. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.6 shall be installed in existing Group R-1 hotels and motels more than three stories or with more than 20 *sleeping units*. No exceptions.

Section 4603.6.5.2 is amended to read as follows:

4603.6.5.2 Group R-1 boarding and rooming houses manual fire alarm systems. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.6 shall be installed in existing Group R-1 boarding and rooming houses. No exceptions.

Section 4603.6.5.2.1 is amended to read as follows:

4603.6.5.2.1 Group R-1 boarding and rooming houses automatic smoke detection system. An automatic smoke detection system that activates the occupant notification system in accordance with Section 907.6 shall be installed in existing Group R-1 boarding and rooming houses throughout all interior *corridors* serving *sleeping units* not equipped with an *approved*, supervised sprinkler system installed in accordance with section 903. No exceptions.

Section 4603.6.6 is amended to read as follows:

4603.6.6 Group R-2. An automatic or manual fire alarm system that activates the occupant notification systems in accordance with Section 907.6 shall be installed in existing Group R-2 occupancies more than three stories in height or with more than 16 *dwelling or sleeping units*. No exceptions.

Section 4603.6.7 is amended to read as follows:

Section 4603.6.7 Group R-4. An automatic or manual fire alarm system that activates the occupant notification system in accordance with Section 907.6 shall be installed in existing Group R-4 residential care/assisted living facilities in accordance with Section 907.2. No exceptions.

Section 2: That this Ordinance shall be printed and published in pamphlet form by order of the City Council of the City of Rolling Meadows, Illinois.

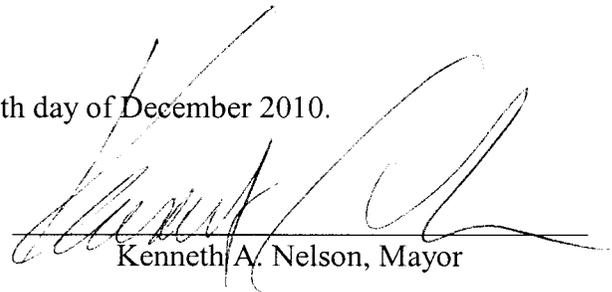
Section 3: That this Ordinance shall be in full force and effect from and after its passage and approval as provided by law.

YEAS: Pitzferro, Lusk, Buske, Judd, Adams, D'Astice, Larsen

NAYS: 0

ABSENT: 0

Passed and Approved this 14th day of December 2010.



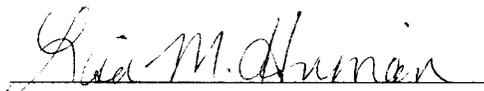
Kenneth A. Nelson, Mayor

ATTEST:



Lisa M. Hinman, City Clerk

Published this 15th day of December 2010.



Lisa M. Hinman, City Clerk