



**VILLAGE OF MONTGOMERY**

**ORDINANCE NO. 2040**

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**AN ORDINANCE ADOPTING AND AMENDING A CERTAIN NATIONAL CODE AND  
REPEALING AND REESTABLISHING A NEW SECTION 8  
OF THE VILLAGE OF MONTGOMERY CODE OF ORDINANCES  
VILLAGE OF MONTGOMERY, KANE AND KENDALL COUNTIES, ILLINOIS**

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Passed by The President and Board of Trustees  
of The Village of Montgomery, Kane and Kendall Counties, Illinois,  
this 25<sup>th</sup> day of September 2023.

Published in Pamphlet form by Authority  
of the President and Board of Trustees  
of the Village of Montgomery, Kane and Kendall Counties, Illinois,  
this 25<sup>th</sup> day of September 2023

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VILLAGE OF MONTGOMERY, KANE AND KENDALL COUNTIES, ILLINOIS**

**WHEREAS**, the Village of Montgomery ("**Village**") is not a home rule municipality within Article VII, Section 6A of the 1970 Constitution of the State of Illinois, and therefore, acts pursuant to the powers granted to it under 65 ILCS 5/1-1 *et seq.*; and,

**WHEREAS**, the Village has previously adopted the 2015 version of the International Fire Code, published by the International Code Council; and,

**WHEREAS**, the Village finds it necessary and in the best interest of the public to update and amend its ordinances from time to time; and,

**WHEREAS**, the Village now wishes to amend and update Chapter 8 of the Village of Montgomery Code of Ordinances to adopt the 2021 version of the International Fire Code, as more specifically set forth herein.

**NOW, THEREFORE, BE IT ORDAINED** by the President and Board of Trustees of the Village of Montgomery, Kane and Kendall Counties, Illinois, as follows:

**SECTION ONE:**

**Chapter 8 of the Village of Montgomery Code of Ordinances shall be repealed in its entirety and replaced as follows:**

**Chapter 8 – Fire Protection and Prevention**

**Section 8-1 –International Fire Code – Adopted**

(a) **Adoption of the 2021 International Fire Code.** Those certain documents, one (1) copy of which is on file with the Village Clerk's office, being marked and designated as the 2021 International Fire Code, be and is hereby adopted as the official fire code of the Village of Montgomery.

(b) **Local Amendments.** The 2021 International Fire Code is hereby amended as follows:

(1) ***Section 507.5.1 Where Required*** is hereby amended by replacing four hundred (400) feet with one hundred and fifty (150) feet, and deleting all the exceptions.

(2) **Section 507.5.1.1 Hydrant for standpoint systems** is hereby amended by replacing one hundred (100) feet with fifty (50) feet, including the exception.

(3) **Section 903.1.1 Alternative Protection** is hereby deleted.

(4) **Section 903.2.1.1 Group A-1** is hereby amended by removing the four (4) conditions and replacing with the following: (1) The building exceeds five thousand (5,000) square feet, or, (2) The building has an occupant load of one hundred (100) or more.

(5) **Section 903.2.1.2 Group A-2** is hereby amended by removing the four conditions and replacing with: (1) The building exceeds 5,000 square feet, or, (2) The building has an occupant load of 100 or more.

(6) **Section 903.2.1.3 Group A-3** is hereby amended by removing the four (4) conditions and replacing with the following: (1) The building exceeds five thousand (5,000) square feet, or, (2) The building has an occupant load of one hundred (100) or more.

(7) **Section 903.2.1.4 Group A-4** is hereby amended by removing the four (4) conditions and replacing with the following: (1) The building exceeds five thousand (5,000) square feet, or, (2) The building has an occupant load of one hundred (100) or more.

(8) **Section 903.2.1.5 Group A-5** is hereby amended to read as follows: An automatic sprinkler system shall be provided for all Group A-5 accessory use buildings when one (1) of the following exists: (1) The building exceeds five thousand (5,000) square feet, or, (2) The building has an occupant load of one hundred (100) or more.

(9) **Section 903.2.1.6 Assembly occupancies on roofs** is hereby amended by changing three hundred (300) for Group A occupancies to one hundred (100).

(10) **Section 903.2.3 Group E** is hereby amended to read as follows: An automatic sprinkler system shall be provided for Group E occupancies as follows: (1) The building exceeds two thousand five hundred (2,500) square feet, or, (2) The building has an occupant load of one hundred (100) or more.

(11) **Section 903.2.4 Group F-1** is hereby amended to read as follows: **Group F-1 and F-2.** An automatic sprinkler system shall be provided throughout all buildings containing Group F-1 or F-2 occupancy where one (1) of the following exists: (1) The building exceeds five thousand (5,000) square feet, or, (2) The building exceeds more than two (2) stories about the lowest level fire department access.

(12) **Section 903.2.4.1 Woodworking operations** is hereby amended to read as follows: An automatic sprinkler system shall be provided throughout the buildings with an F-1 occupancy that contains woodworking operations in excess of two thousand five hundred (2,500) square feet that generates finely divided combustible waste or uses finely divided combustible materials.

(13) **Section 903.2.4.2 Group F-1 distilled spirits** is hereby amended to read as follows: An automatic sprinkler system shall be provided throughout buildings with a Group F-1 occupancy used for the manufacture of distilled spirits.

(14) **Section 903.2.4.3 Group F-1 upholstered furniture or mattresses** is hereby amended to read as follows: An automatic sprinkler system shall be provided throughout buildings with a Group F-1 occupancy that exceeds two thousand five hundred (2,500) square feet used for the manufacture of upholstered furniture or mattresses.

(15) **Section 903.2.6 Group I** is hereby amended by changing "fire area" to "occupancy" and by deleting the exceptions.

(16) **Section 9.03.2.7 Group M** is hereby amended by removing the three (3) conditions and replacing with: (1) The building exceeds five thousand (5,000) square feet, or, (2) The building exceeds more than two (2) stories above the lowest level of fire department access.

(17) **Section 903.2.8 Group R** is hereby amended by changing "fire area" to "occupancy."

(18) **Section 903.2.9 Group S-1** is hereby amended to read as follows: **Group S-1 or S-2.** An automatic sprinkler system shall be provided throughout all building containing Group S-1 or S-2 occupancies when one (1) of the following conditions exist: (1) The building exceeds five thousand (5,000) square feet; (2) The building exceeds more than two (2) stories above the lowest level of fire department access; or (3) Throughout buildings containing a Group S-1 or S-2 occupancy used for the storage of commercial motor vehicles which exceeds five thousand (5,000) square feet.

(19) **Section 903.2.9.1 Repair garages** is hereby amended to read as follows: An automatic sprinkler system shall be provided throughout all buildings used as repair garages in accordance with Section 406.8 of the International Building Code as shown: (1) Buildings containing repair garages exceeding five thousand (5,000) square feet; (2) Buildings with repair garages servicing vehicles parked in basements; (3) Throughout buildings containing a Group S-1 or S-2 occupancy used for the repair of commercial motor vehicles which exceeds five thousand (5,000) square feet.

(20) **Section 903.2.9.3 Group S-1 distilled spirits or wine** is hereby amended to read as follows: An automatic sprinkler system shall be provided throughout buildings with a Group S-1 occupancy used for the bulk storage of distilled spirits or wine.

(21) **Section 903.2.9.4 Group S upholstered furniture and mattresses** is hereby amended to read as follows: An automatic sprinkler system shall be provided throughout buildings with a Group S-1 occupancy with an area used for storage of upholstered furniture or mattresses exceeds two thousand five hundred (2,500) square feet and by deleting the exception.

(22) **Section 903.2.10 Group S-2 parking garages** is hereby amended by replacing the three (3) exceptions and replacing with: (1) Building containing an enclosed parking garage

exceeding five thousand (5,000) square feet; (2) Throughout buildings with enclosed parking garages located beneath other groups; or, (3) Throughout buildings containing open parking garages which exceed five thousand (5,000) square feet.

(23) **Section 903.2.10.1 Commercial parking garages** is hereby amended by changing "fire area" to "building."

(24) **Section 903.2.11.3 Buildings 55 feet or more in height** is hereby amended by deleting the exception.

(25) **Section 903.2.13 is hereby amended by adding the following section:** Group U. An automatic sprinkler system shall be provided throughout buildings containing a Group U occupancy where the following condition exists: 1. Where the building exceeds five thousand (5,000) square feet.

(26) **Section 903.2.14 is hereby amended by adding the following section:** Group B An automatic sprinkler system shall be provided for Group B occupancies where one (1) of the following conditions exist: (1) The building exceeds five thousand (5,000) square feet; (2) The building has an occupant load of one hundred (100) or more; or, (3) The building exceeds two (2) stories in height.

(27) **Section 903.3.1.1.1 Exempt locations** Delete item #3 and item #4.

(28) **Section 903.4 Sprinkler system supervision and alarms** Exceptions, Items #3 through #8 are hereby deleted.

(29) **Section 905.3 Required Installations** is hereby amended by deleting the exception.

(30) **Section 905.3.1 Height** is hereby amended to read as follows: Class II standpipe systems shall be installed throughout buildings where the floor level of the highest story is three (3) stories with corridors more than twenty-five (25) feet and all buildings which are four (4) or more stories in height, including penthouses.

(31) **Section 905.13 Additional Standpipe** is hereby amended by adding the following section: **Additional standpipe** connections where required. Additional standpipe connections shall cover all areas of the building with one hundred (100) feet of hose and a thirty (30) foot spray of water.

(32) **Section 907.2 Where required- new buildings and structures** is amended to read as follows: An approved manual and automatic fire alarm system, installed in accordance with the provisions of this code and NFPA 72, shall be provided in any new building and structure or any addition to an existing building where the aggregate square footage of the building exceeds the following: (1) All buildings or additions two thousand (2,000) square feet and over. (2) All buildings which have a sprinkler system or any automatic suppression system. (3) When required, both the new addition and existing building shall have an automatic and manual fire alarm system. (4) Exception: One-and two-family dwellings under the International Residential Code.

- (33) *Section 907.2.1 Group A* is hereby amended by deleting the exception.
- (34) *Section 907.2.2 Group B* is hereby amended by deleting the conditions.
- (35) *Section 907.2.2.1 Ambulatory care facilities* is hereby amended by deleting the exception.
- (36) *Section 907.2.3 Group E* is hereby amended by deleting the exceptions.
- (37) *Section 907.2.4 Group F* is hereby amended by deleting the exceptions.
- (38) *Section 907.2.6.1 Group I-1* is hereby amended by deleting exception #1.
- (39) *Section 907.2.7 Group M* is hereby amended by deleting the exceptions.
- (40) *Section 907.2.8.1 Manual fire alarm system* is hereby amended by deleting the exceptions.
- (41) *Section 907.2.8.2 Automatic smoke detection system* is hereby amended by deleting the exceptions.
- (42) *Section 907.2.9.1 Manual fire alarm system* is hereby amended by deleting the exceptions.
- (43) *Section 907.2.9.3 Group R-2 college and university buildings* is hereby amended by deleting the exception.
- (44) *Section 907.2.10 Group S* is hereby amended by deleting the exception.
- (45) *Section 907.2.24* is hereby amended to add the following section: ***Attached single family.*** An automatic fire alarm detection system shall be installed in accordance with NFPA 72 and section 907.2 as amended, in multiple attached single-family dwellings (i.e., townhouses dwellings) if the building contains three (3) or more units.
- (46) *Section 912.2.3* is hereby amended by adding the following section: ***Distance to fire hydrants*** shall have a fire hydrant within fifty (50) feet of a fire department connection.
- (47) *Section 912.8* is hereby amended by adding the following section. ***Fire department connection.*** The fire department connection shall be a 4-inch storz with a 30-degree downward angle unless otherwise approved by the fire official.
- (48) *Table 1207.6 Electrochemical ESS Technology Specific Requirements footnote e* is hereby amended to read: The thermal runaway protection is permitted to be a part of a battery

management system that has been evaluated with the battery as part of the evaluation to UL 1973, as long as a monitoring system independent of the BMS is present as per 1207.6.

(49) **Section 1207.6.6** is hereby amended by adding the following section: ***Thermal runway detector*** The thermal runway detector shall activate upon detection of gas vapors produced by liquid electrolyte in a lithium-ion cell at the start of a battery venting event. Upon detection of gas vapors, the detection system shall shut down the affected ESS rack and transmit a supervisory fire alarm signal. Detection of a thermal runaway event shall activate the mechanical ventilation when it is provided as a method of explosion control.

## SECTION TWO: GENERAL PROVISIONS

REPEALER: All ordinances or portions thereof in conflict with this Ordinance are hereby repealed.

SEVERABILITY: Should any provision of this Ordinance be declared invalid by a court of competent jurisdiction; the remaining provisions will remain in full force and effect the same as if the invalid provision had not been a part of this Ordinance.


EFFECTIVE DATE: This Ordinance shall be in full force and effect from and after its approval, passage and publication in pamphlet form as provided by law.

**PASSED AND APPROVED** by the President and Board of Trustees of the Village of Montgomery, Kane and Kendall Counties, Illinois this 25<sup>th</sup> day of September 2023.

  
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Matthew Brolley  
President of the Board of Trustees of the Village of Montgomery



ATTEST:

  
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Debra Buchanan  
Village Clerk of the Village of Montgomery

	Aye	Nay	Absent	Abstain
Trustee Matt Bauman	<u>✓</u>	<u>---</u>	<u>---</u>	<u>---</u>
Trustee Tom Betsinger	<u>✓</u>	<u>---</u>	<u>---</u>	<u>---</u>
Trustee Dan Gier	<u>✓</u>	<u>---</u>	<u>---</u>	<u>---</u>
Trustee Steve Jungermann	<u>✓</u>	<u>---</u>	<u>---</u>	<u>---</u>
Trustee Doug Marecek	<u>✓</u>	<u>---</u>	<u>---</u>	<u>---</u>
Trustee Theresa Sperling	<u>✓</u>	<u>---</u>	<u>---</u>	<u>---</u>
Village President Matthew Brolley	<u>DO</u>	<u>NOT</u>	<u>CARE</u>	<u>---</u>