

## **ORDINANCE NO. 468**

**AN ORDINANCE TO AMEND THE MARYSVILLE CITY CODE BY REPEALING TITLE IX, CHAPTER 111, INTERNATIONAL FIRE CODE 2012 EDITION BY ENACTING A NEW CHAPTER 111, INTERNATIONAL FIRE CODE 2015 EDITION, TO REGULATE AND GOVERN THE CONDITIONS HAZARDOUS TO LIFE AND PROPERTY FROM FIRE, EXPLOSION, OR HAZARDOUS RELEASE AND TO PROVIDE FOR THE ENFORCEMENT THEREOF AND PROVIDE FOR PENALTIES FOR VIOLATIONS THEROF.**

**THE CITY OF MARYSVILLE ORDAINS** that Title IX, Chapter 111 is repealed and the following Chapter 111 is as follows:

### **Sec. 9.221. Adoption of the International Fire Code**

There is hereby adopted by the city for the purpose of prescribing regulations governing conditions hazardous to the life and property from fire, explosion and hazardous release that certain code known as the International Fire Code and the International Fire Code Appendices, recommended by the International Code Council, being particularly the 2015 Edition thereof and the whole thereof, save and except such portions as hereinafter deleted, modified or amended by this Ordinance, of which code not less than one copy has been and is now filed in the office of the clerk of the City of Marysville, and the same are hereby adopted and incorporated as fully as if set out at length herein and from the date on which this Ordinance shall take effect, provisions thereof shall be controlling within the limits of the city.

### **Sec. 9.222. Establishment and duties of bureau of fire prevention**

- a) The International Fire Code shall be enforced by the bureau of fire prevention in the fire department of the city which is hereby established and which shall be operated under the supervision of the chief of the public safety department.
- b) The fire marshal shall be the code official in charge of this bureau of fire prevention and shall be appointed by the chief of the public safety department.
- c) The chief of the public safety department may detail such members of the fire department as inspectors as shall from time to time be necessary. The chief of the public safety department shall recommend to the city the employment of technical inspectors.
- d) Persons employed as fire fighters or as officers of the Marysville Fire Department are hereby authorized to issue and serve appearance tickets for such of the violations of this fire code as are less than felony grade, as such employee has reasonable cause to believe that the person so served has committed such a violation hereof. Such appearance tickets shall in all respects comply with the statues of the State of Michigan applicable hereto.

### **Sec. 9.223. Definitions**

- a) Wherever the word "jurisdiction" is used in the International Fire Code it shall be held to mean the City of Marysville.

- b) Wherever the term “corporation counsel” is used in the International Fire Code, it shall be held to mean the attorneys for the City of Marysville.
- c) “International Fire Code” shall mean International Fire Code 2015 Edition.

**Sec. 9.224. Establishment of limits in which bulk storage of liquefied petroleum gases is to be restricted.**

The limits referred to in Section 6101 of the International Fire Code, in which bulk storage of liquefied petroleum gas is restricted, are hereby established as follows:

All areas of the City of Marysville except those zoned M-2, General Industrial.

**Sec. 9.225. Establishment of limits of districts in which storage of explosive and blasting agents is to be prohibited.**

The limits referred to in Section 5601 of the International Fire Code in which storage of explosives and blasting agents is prohibited, are hereby established as follows:

All areas of the City of Marysville except those zoned M-2, General Industrial.

**Sec. 9.226. Establishment of limits of districts in which bulk plants for flammable or combustible liquids.**

The limits referred to in Section 5701 of the International Fire Code in which bulk plants or terminals are prohibited, are hereby established as follows:

All areas of the City of Marysville except those zoned M-2, General Industrial.

**Sec. 9.227. Amendments made in the International Fire Code.**

The International Fire Code is amended and changed in the following respects:

*Section 105 (being Sections 105.1 through 105.7.18)* is hereby deleted.

*Section 307 (being Sections 307.1 through 307.4.2)* is hereby deleted.

*Section 105* is hereby amended by the addition of a new Section 105.4.1.2 as follows:

Section 105.4.1.2 An electronic copy of the overall site plan and as built floor plans shall be provided in a format approved by the fire department.

*Section 104* is hereby amended by the addition of a new Section 104.12 as follows:

**GUARDING BURNING PREMISES**

Section 104.12. During or after any fire, it may be deemed desirable by the commanding officer of the fire department, for the purposes of investigation or protection, to exclude persons from such premises or from such vicinity. The senior

officer in charge at such fire may cause guards to be posted forbidding entrance or access by any unauthorized person to such premises or any part thereof.

*Section 401* is hereby amended by the addition of a new Section 401.3.2.1 as follows:

#### RESETTING ALARMS

Section 401.3.2.1. No person shall reset a fire or emergency alarm system, alarm initiating device or component until the fire department arrives.

**Exception:** The person responsible for the property may investigate the building or area of alarm and if no evidence of fire or emergency is found, the system may be silenced providing the fire department is notified of the findings.

*Section 503.6* is hereby amended by the addition of the following new Sections:

#### INOPERABLE GATES

Section 503.6.1. Fire apparatus access gates shall be chained open or removed at the owner's expense if not maintained in an operable condition.

#### AUTOMATIC FIRE APPARATUS ACCESS GATES

Section 503.6.2. An approved optical preemption device or emergency key switch is required on all automatic fire access gates. Standby power and manual operation that can be used in the event of power failure or equipment malfunction shall be provided. Standby power is permitted to be, but not limited to, battery back-up or connection to an emergency generator.

#### MANUAL FIRE APPARATUS ACCESS GATES

Section 503.6.3. Where secured, gates shall use an approved padlock mechanism as described in 506.1.1.

*Section 504* is hereby amended by the addition of a new Section 504.4 as follows:

#### SHAFTWAY MARKING

Section 504.4. Exterior windows in buildings which open directly on shaft ways or other vertical means of communication between two or more floors shall be plainly marked with the word "SHAFTWAY" in red letters at least 6 inches high on a white background. Doors or window openings on such shaftways from the interior of the building shall be similarly marked.

**Exception:** Markings are not required when construction of the partition surrounding the shaftway is of such distinctive nature as to make its purpose evident at a glance.

*Section 505* is hereby amended by the addition of the following new Sections:

#### BUILDING IDENTIFICATION NUMBERS

Section 505.1.1. Each building shall display its specific alphabetical or numerical designation which must be clearly distinguishable from the fire apparatus access road. The building identification numbers shall be a minimum of 12 inches high with a minimum 2-inch brush stroke on contrasting color.

#### SPREAD NUMBERS

Section 505.1.2. Spread numbers shall be provided adjacent to the building identification numbers to indicate the apartment or unit numbers. The spread numbers shall be a minimum of 12 inches high with a minimum 2-inch brush stroke on contrasting color.

#### COMMERCIAL/INDUSTRIAL BUILDINGS ADDRESS NUMBERS

Section 505.1.3. New and existing commercial/industrial buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of 12 inches high with a minimum stroke width of 2 inches.

**Exception:** When addresses are provided on a marquee or monument located next to the street, the numbers shall be a minimum of 12 inches high with a minimum stroke width of 2 inches. The numbers shall be located a minimum of 3 feet above grade and shall contrast with the background.

*Section 506* is hereby amended by the addition of a new Section 506.3 as follows:

#### KEY LOCK BOX SYSTEM

##### Section 506.3

- d) The following structures shall be equipped with a key box at or near the main entrance or such other location required by the authority having jurisdiction.
1. All buildings within the city monitored offsite for security, fire, or other service that notifies the fire department, or protected by an automatic suppression system, or such structures identified by the authority having jurisdiction that are secured in such a manner that restricts access during an emergency (for example but not limited to: abandoned or vacant buildings). This requirement shall not apply to owner occupied one and two family dwellings identified by the International Residential Code.
  2. All commercial and industrial properties within the city protected by fences, gates and other related barriers presently secured by a padlock, electronically operated or automatic gates, or other, shall be equipped with a high security padlock, optically control circuit, or key control switch as approved by the authority having jurisdiction.

3. Residential occupancies that have restricted access through locked doors and have a common corridor for access to the living units.
  4. Governmental structures and Residential Care/Assisted Living Facilities.
- b. All newly constructed structures subject to this section shall have the key lock box installed and operational prior to the issuance of an occupancy permit. All structures in existence on the effective date of this section shall have twelve months from the effective date of this section to have a key lock box installed and operational.
  - c. The authority having jurisdiction shall designate the type of key box system to be implemented within the city and shall have the authority to require all structures to use the designated system. All key lock boxes shall be UL (Underwriters Laboratories) certified.
  - d. The owner or operator of a structure required to have a key lock box shall, at all times, keep a key in the lock box that will allow for access to the structure. Keys shall be provided with a water-resistant tag marked with the keys function and room number. The terminology used to mark the tags shall provide immediate understanding as to the key function.
  - e. The authority having jurisdiction shall be authorized to implement rules and regulations for the use of the lock box system.

*Section 507.5.1* is hereby amended by the addition of a second paragraph to read as follows.

As properties develop, fire hydrants shall be located at all intersecting streets and evenly spaced between not to exceed 500 feet. Distances between hydrants shall be measured along the route that fire hose is laid by a fire vehicle from hydrant to hydrant.

*Section 903.2* is hereby amended by the addition of a second paragraph to read as follows.

For the purpose of this section fire area is defined by the total square footage of the structure or building bounded by the exterior walls. The fire area shall not be reduced by firewalls, fire barriers, or fire-resistance-rated horizontal assemblies of a building.

*The following sections of Chapter 9* are hereby amended to read as follows:

1. *Section 903.2.1.1 (1)* The fire area exceeds 5,000 square feet (464.5 m<sup>2</sup>)
2. *Section 903.2.1.4 (1)* The fire area exceeds 5,000 square feet (464.5 m<sup>2</sup>)
3. *Section 903.2.2 (1)* Throughout all Group E areas greater than 5,000 square feet (464.5 m<sup>2</sup>)
4. *Section 903.2.3 (1)* Where a Group F-1 fire area exceeds 5,000 square feet (464.5 m<sup>2</sup>)
5. *Section 903.2.3 (3)* Where the combined area of all Group F-1 fire areas on all floors, including any mezzanines, exceeds 5,000 square feet (464.5 m<sup>2</sup>)
6. *Section 903.2.6 (1)* Where a Group M fire area exceeds 5,000 square feet (464.5 m<sup>2</sup>)
7. *Section 903.2.6 (3)* Where the combined area of all Group M fire areas on all floors, including any mezzanines, exceeds 5,000 square feet (464.5 m<sup>2</sup>)

8. *Section 903.2.8 (1)* Where a Group S-1 fire area exceeds 5,000 square feet (464.5 m<sup>2</sup>)
9. *Section 903.2.8 (3)* Where the combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 5,000 square feet (464.5 m<sup>2</sup>)
10. *Section 903.2.8.1 (1)* Buildings two or more stories in height, including basements with a fire area containing a fire area containing a repair garage exceeding 5,000 square feet (464.5 m<sup>2</sup>)
11. *Section 903.2.8.1 (2)* One story buildings with a fire area containing a repair garage exceeding 5,000 square feet (464.5 m<sup>2</sup>)
12. *Section 903.2.10.3* Buildings more than 35 feet in height. An automatic sprinkler system shall be installed throughout buildings with a floor level having an occupant load of 30 or more that is located 35 feet or more above the lowest level of fire department vehicle access.

*Section 903* is hereby amended by the addition of a new Section 903.3.7.1.

#### DISTANCE TO FIRE DEPARTMENT CONNECTIONS

Section 903.3.7.1. At least one fire hydrant shall be located within 150 feet of all fire department connections. The distance between the hydrant and fire department connection shall be measured along the path of the fire apparatus access road.

*Section 903* is hereby amended by the addition of a new Section 903.4.2.

#### ALARMS

Section 903.4.2. Amend to specify an approved audio and visual device shall be mounted on the exterior of the building in proximity to the fire department connection.

*Section 903.6* is hereby amended by the addition of a new Section 903.6.2.

#### BUILDING ADDITIONS

Section 903.6.1. Existing non-sprinklered buildings or structures that are expanded by an addition(s), and the total fire area of the building exceeds 5,000 square feet shall be provided with an automatic fire protection system complying with section 903.2

*Section 905.4* is hereby amended by the addition of a new Subsection 7.

7. Class I standpipes shall also be required on all occupancies in which the distance from accessible points for Fire Department ingress to any point in the structure exceeds two hundred fifty feet (250') along the route that a fire hose is laid as measured from the fire lane. When required by this chapter, standpipe connections shall be placed at two hundred feet (200') intervals along major corridors.

*Section 907.2.11.2* is hereby amended by the addition of a new Subsection 4.

4. In dwelling units where the ceiling height of a room open to the hallway serving the bedrooms exceeds that of the hallway by 24 inches (610mm) or more, smoke detectors shall be installed in the hallway and in the adjacent room.

*Section 1011* is hereby amended by the addition of a new Section 1013.7.

#### NO EXIT SIGNAGE

Section 1013.7 Any door, passage, or stairway that is neither an exit nor a way of exit access and that is located or arranged so that it is likely to be mistaken for an exit shall be identified by a sign that reads NO EXIT. The NO EXIT sign shall consist of plainly legible letters not less than 6 inches (152 mm) high with the principal strokes of the letters not less than 0.75 inch (19.1 mm) wide. The word “NO EXIT” shall be in high contrast with the background and shall be clearly discernible.

*Section 2304* is hereby amended by the addition of a new Section 2304.1.2.

#### AUTOMATIC FIRE SUPPRESSION

Section 2305.8. An approved automatic fire suppression system shall be installed at all gasoline dispensing devices open to the general public.

### **Sec. 9.228. Adoption of specific appendix sections**

The following section of the following appendices is specifically adopted and made part hereof:

Appendix Chapters A through J.

### **Sec. 9.229. Penalties**

- a. Any persons who shall violate any of the provisions of the chapter hereby adopted or fail to comply therewith, or who shall violate or fail to comply with any order made hereunder or who shall build in violation of any detailed statement of specifications or plans submitted and approved hereunder or any certificate or permit issued there under and from which no appeal has been taken or who shall fail to comply with such an order as affirmed or modified by the fire chief or by a court of competent jurisdiction, within the time fixed herein, shall severally for each and every such violation and noncompliance respectively, be responsible for a municipal civil infraction. The imposition of one penalty for any violation shall not excuse the violation or permit it to continue, and all such persons shall be required within a time limit as specified by the fire chief, and when not otherwise specified each day that prohibited conditions are maintained shall constitute a separate offense.
- b. The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions.

**Sec. 9.230. Code on file**

Complete printed copies of the International Fire Code, herein adopted, shall be available for public use and inspection at the office of the Fire Marshal.

**Sec. 9.231. Reference in code**

Reference in International Fire Code to “state” shall mean the State of Michigan; references to “municipality” shall mean the City of Marysville; references to the “Municipal Charter” shall mean the Charter of the City of Marysville; and references to “local ordinances” shall mean the Marysville City Code.

**Sec. 9.232. Conflicts**

If any part of this Ordinance, including the code and other material adopted herein by reference conflicts with any other part of this Ordinance, with any other ordinance, or statute, or with any part of any code or other material adopted therein by reference, then the most restrictive provision will govern and shall be deemed to supersede conflicting provisions, except Chapter 110, Oil and Gas Wells, and Chapter 113, Open Burning, are hereby declared not to be in conflict with this Ordinance and shall remain in full force and effect.

**Sec. 9.233. Validity**

The City of Marysville declares that should any section, paragraph, sentence or word of this Ordinance, or of the Code hereby adopted, be declared for any reason to be invalid, it is the intent of the City of Marysville that it would have passed all other portions of this Ordinance independent of the elimination there from of any such portion as may be declared invalid.

This Ordinance shall take effect ten (10) days after adoption and publication in accordance with law.

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Renaë Warnke, City Clerk

Introduced: April 10, 2017

Adopted: April 24, 2017

Published: May 3, 2017