

AN ORDINANCE AMENDING THE MUNICIPAL CODE OF THE CITY OF MARSHALLTOWN, IOWA, BY REPEALING CHAPTER 91 THERE OF ENTITLED “FIRE PREVENTION CODE,” CONSISTING OF THE INTERNATIONAL FIRE CODE (IFC), 2006 EDITION AS AMENDED; AND ENACTING AND ADOPTING A NEW CHAPTER 91 IN LIEU THEREOF ENTITLED “FIRE PREVENTION CODE,” BEING THIS ORDINANCE HEREAFTER SET OUT, WHICH ADOPTS BY REFERENCE, WITH CERTAIN AMENDMENTS, THE INTERNATIONAL FIRE CODE 2015 EDITION, INCLUDING APPENDICES A, B, C, D, E, F, G, H, I, J, K, L, AND M AND PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, INC., REGULATING CONDITIONS HAZARDOUS TO LIFE AND/OR PROPERTY FROM FIRE OR EXPLOSION IN THE CITY OF MARSHALLTOWN, IOWA; AND CONTINUE A BUREAU OF FIRE PREVENTION AND PROVIDING OFFICERS THEREOF, AND DEFINING THEIR POWERS AND DUTIES IN THE ISSUANCE OF PERMITS AND COLLECTION OF FEES THEREOF; AND REGULATION THE PROHIBITION, STORAGE, HANDING AND USE OF FLAMMABLE OR COMBUSTIBLE OR HAZARDOUS MATERIAL, AND PROVIDING PENALTIES FOR THE VIOLATION THEREOF; AND BY REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT THERE WITH.

WHEREAS the City of Marshalltown Fire Department reviews fire regulations as necessary and recommends approval of the International Fire Code, 2015 Edition (hereinafter to be known as the **IFC**), including Appendices A, B, C, D, E, F, G, H, I, J, K, L, and M as published by the International Code Council, Inc. in cooperation with the International Conference of Building Officials of Whittier, California. The provisions of said fire code shall be controlling for the safeguarding of life and property from the hazards of fire and explosion arising from the storage, handling and using of hazardous substances, materials, and devices, and from conditions hazardous to life or property in the use of occupancy of buildings or premises and in all matters covered by said Fire Code within the corporate limits of the City of Marshalltown, Iowa, and shall be known as the Marshalltown Fire Code.

THEREFORE, IT IS HEREBY RESOLVED BY THE COUNCIL OF THE CITY OF MARSHALLTOWN, IOWA, AS FOLLOWS:

Article I. Chapter 91 of the Code of Ordinances, City of Marshalltown, Iowa, is amended by striking Sections 91.001 through 91.002 and Sections 91.020 through 91.026 inserting in lieu thereof the following:

“CHAPTER 91”
FIRE CODE

Sec. 91.001. Adoption of fire prevention code.

Unless specifically provided for in other codes or city ordinances, the International Fire Code, 2015 Edition (hereinafter to be known as the **IFC**), including Appendices A,B, C, D, E, F, G, H, I, J,K, L, and M as published by the International Code Council, Inc. in cooperation with the International Conference of Building Officials of Whittier, California, and except as modified as to portions thereof as are deleted, substituted, redefined or inserted in this article, is adopted by reference, is on file with the city clerk and is fully incorporated as the Fire Prevention Code of the city. The provisions of said Fire Code shall be controlling for the safeguarding of life and property from the hazards substances, materials, and devices, and from conditions hazardous to life or property in the use of occupancy of buildings or premises and in all matters covered by said Fire Code within the corporate limits of the City of Marshalltown, Iowa, and shall be known as the Marshalltown Fire Code.

Sec. 91.002. Amendments, definitions, substitutions or deletions.

The Fire Prevention Code adopted in section 91.001 is amended in the following respects:

Section 101.1 Title is amended to read as follows:

These regulations shall be known as the Fire Code of Marshalltown, hereinafter referred to as “this code”. Any reference to a Section number shall mean to this code unless stated otherwise.

Section 105.1.1 Permits required is amended to read as follows:

A property owner or owner’s authorized agent who intends to conduct an operation or business, or install or modify systems and equipment that are regulated by this code, or cause any such work to be performed, shall first make application to the fire code official and obtain the required permits. The minimum permit fee shall be established by Resolution of the City Council without amending this ordinance.

Section 109.4 Violation penalty is amended to read as follows:

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 guilty of a municipal infraction, punishable as outlined in Section 10.999(c), Code Of Ordinances for the City of Marshalltown. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Section 307.1 Open burning – General is amended to read as follows:

A person shall not kindle or maintain or authorize to be kindled or maintained any open burning unless conducted and approved in accordance with Sections 307.1.1 through 307.5 and Section 91.020 of the Marshalltown City Code.

Section 308.1.4 Open-flame cooking device is amended to read as follows:

Charcoal burners, other open-flame cooking devices, and other devices that produce ashes or embers shall not be operated on balconies or within 20 feet (3048 mm) of combustible construction. Location of LP containers shall comply with Section 6104.

Exceptions:

1. One and two-family dwellings, constructed in accordance with the International Building Code.
2. LP-gas cooking devices having LP-gas container with a water capacity not greater than 20 pounds.

Section 315.3.3 Equipment room is amended as follows:

Combustible material shall not be stored in boiler rooms, mechanical rooms, and electrical rooms or in fire command centers as specified in Section 508.1.5.

Exception:

1. In sprinklered equipment rooms that have sufficient space to allow a minimum of 10 feet between all combustible storage and the heating, mechanical, or electrical equipment in the room.

Table 405.2 Fire and Evacuation Drill Frequency and Participation is amended as follows:

<u>GROUP OR OCCUPANCY</u>	<u>FREQUENCY</u>	<u>PARTICIPATION</u>
Group A	Quarterly	Employees
Group B(c)	Annually	Employees
Group E	See (a) below	All occupants
Group I	Quarterly on each shift	Employees
Group I-1(b) and Group R-4	Quarterly	All occupants
Group R-1	Quarterly on each shift	Employees
Group R-2(d)	Four annual	All occupants
High-rise	Annually	Employees

- a. Quarterly (4 fire and four tornado) in accordance with Iowa Code Chapter 100. In severe climates, the fire code official shall have the authority to modify the emergency evacuation drill frequency.
- b. Fire and evacuation drills in assisted living facilities shall include complete evacuation of the premises in accordance with Section 403.10.3.6. Drills shall be conducted not less than six times per year on a bi-monthly basis, with not less than two drills conducted during the night when residents could reasonably

be expected to be sleeping. The drills shall be permitted to be announced in advance to the residents. Where occupants receive habilitation or rehabilitation training, fire prevention and fire safety practices shall be included as part of the training.

- c. Group B buildings that have an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of discharge.
- d. Applicable to Group R-2 college and university buildings in accordance with Section 403.10.2.

Section 503.2.1 Dimensions is amended as follows:

Fire apparatus roads shall have an unobstructed width of not less than 20 feet (6096 mm) exclusive of shoulders, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 14 feet (4268 mm).

Section 505.1 Address identification is amended as follows:

New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible the street or road fronting the property. These numbers shall be black or white and shall contrast with their background. Where required by the fire code official, address numbers shall be provided in greater dimension or additional approved locations to facilitate emergency response. Address numbers shall be Arabic numbers or alphabetical letters. Numbers and letters shall be a minimum height and stroke width as delineated by Table 505.1. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole, or other sign shall be used to identify the structure. Address number shall be maintained.

Table 505.1 Minimum height and stroke width is added as follows:

Table 505.1 Minimum Height and Stroke Width (a, b)

<u>Distance from the centerline of the public way (feet)</u>	<u>Minimum Height (inches)</u>	<u>Minimum Stroke Width (inches)</u>
Less than 100'	4"	1/2"
100 199	6"	3/4"
200 299	8"	1"
Each additional 100'	Add 2"	Add 1/2"

- a. Exterior suite identification, minimum height shall be 4 inches and stroke width shall be 1/2 inch
- b. Interior suite identification, minimum height shall be 2 inches and stroke width shall be 1/2 inch.

Section 507.5.1 Hydrant for fire department connections is amended as follows:

Buildings equipped with a fire department connection installed in accordance with Section 912 shall have a fire hydrant located on a fire access road within 100 feet (30 m) of the fire department connection as measured by an approved route around the exterior of the building.

Exception:

The distance shall be permitted to exceed 100 feet (30 m) where approved by the fire code official.

Section 511 Fire and emergency vehicle lane is added.

Section 511.1 General is added as follows:

Fire and emergency vehicle lanes shall be provided and maintained in accordance with Section 511.1 through 511.6 and referred to as fire lanes in this ordinance.

Section 511.2 Purpose is added as follows:

The requirement that Fire Lanes be established in certain areas and the enforcement of restrictions on parking in such Fire Lanes established in this Chapter are designed to ensure adequate access to commercial, office, multi-family, and other high density facilities by fire-fighting and other emergency vehicles.

Section 511.3 Designation is added as follows:

The Fire Code Official may designate fire lanes on public and private property as deemed necessary for the protection of life and property.

Section 511.4 Obstruction is added as follows:

No person shall park or place a vehicle or other obstruction in a designated fire lane that would prevent such fire lane from being immediately accessible to emergency vehicles, or deter or hinder emergency vehicles from gaining immediate access to the fire lane. A written request for a temporary obstruction of a fire lane shall be submitted to the fire code official for approval.

Section 511.5 Signs and markings is added as follows:

Whenever a fire lane has been designated, the fire code official shall cause appropriate signs and markings to be placed identifying such fire lanes. Signs and markings shall be maintained in a clean and legible condition at all times and shall be replaced or repaired to provide adequate visibility. Fire lanes may be established or relocated at the time of plan review, site inspection, and/or during post construction site inspection, as well as any time during the life of the occupancy. All designated fire lanes shall be clearly marked in the following manner:

1. Vertical curbs shall be painted red on the top and side, extending the length of the designated fire lane. Rolled curbs or surfaces without curbs shall have a red (6) inch wide stripe painted the length of the designated fire lane. One of the following lettering methods shall be utilized:
 - a. The words “NO PARKING – FIRE LANE” shall be stenciled with three (3) inch white letters and a minimum three-quarter (3/4) inch stroke on the face of the curbing, or in the absence of vertical curbing, on the painted red stripe. Spacing shall be at fifty (50) foot intervals or portions thereof
2. Signage identifying fire lanes shall conform with the following:
 - a. Eighteen (18) inches tall and twelve (12) inches wide with red letters on a white reflective background.
 - b. Verbiage to read “Fire Lane – No Parking”.
 - c. Signs shall be placed two (2) to four (4) feet from the edge of the fire lane with the bottom of the sign no less than five (5) feet from the ground and spaced every one-hundred (100) feet.
 - d. Sign may be placed on a building when approved by the fire code official.

Section 604.8 Shutdown of emergency and standby power is added as follows:

In addition to the requirements of NFPA 110 for a remote manual stop, a switch of an approved type shall be provided to shut down the generator. The switch shall be provided at a location approved by the fire code official.

Section 604.9 Emergency generator sign is added as follows:

Main electrical disconnects and main breaker panels supplied by the generator shall be provided with approved signs. Additionally, doors accessing emergency and standby power systems shall be provided with approved signs. Approved signs shall contain the word “CAUTION” in black letters at least two (2) inches high on a yellow background. Signs shall be placed so as to be readily discernible.

Section 609.1 General is amended as follows:

Commercial kitchen exhaust hoods shall comply with the requirements of National Fire Protection Association (NFPA) 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations, 2017 edition.

Section 703.2.3 Door operation is amended as follows:

Swinging fire doors shall close from the full open position and latch automatically. The door closer shall:

1. Exert enough force to close and latch the door from any partially open position.
2. Be Underwriters Laboratory (UL) listed and of hydraulic type, spring type shall not be allowed.

Section 807.5.2.1 Storage in corridors and lobbies is amended as follows:

Clothing and personal effects shall not be stored in corridors and lobbies.

Exceptions:

1. Corridors protected by an approved automatic sprinkler system installed in accordance with Section 907.3.3.1.
2. Storage in metal lockers provided the minimum required egress width is maintained.

Section 901.4.6.1 Fire sprinkler riser room is added as follows:

A fire sprinkler riser room shall be separate from the electrical room. The riser room shall have no electrical panels, devices, or apparatus inside the room other than the outlets or support equipment (lighting, air compressor, and heater) required for the use of the fire sprinkler system and/or the fire alarm panel. The sprinkler riser room shall not be exclusively accessed from the electrical room, but the electrical room may be accessed from the riser room.

Section 903.2.8.5 Residential Sprinkler is added as follows:

An automatic residential fire sprinkler system shall be installed in one and two-family dwellings.

Exceptions:

1. An automatic fire sprinkler system shall not be required where additions or alterations are made to existing buildings that are not already provided with an automatic residential fire sprinkler system.
2. One and two-family dwellings containing less than eight thousand (8,000) square feet of floor space, excluding attached garages and other unenclosed areas.

Section 903.4.2 Alarms is amended as follows:

An approved weather-proof audible device suitable for outdoor use with 110 candela visual signal shall be connected to every automatic sprinkler system. Such sprinkler water-flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice installed in the system. Alarm devices shall be provided on the exterior of the building in an approved location. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system.

Section 907.2.2 Group B is amended as follows:

A manual fire alarm system shall be installed in Group B occupancies where one of the following conditions exists:

1. The combined Group B occupant load of all floors is 500 or more.
2. The Group B occupant load is more than 100 persons above or below the lowest level of exit discharge.
3. The Group B fire area contains an educational occupancy for students above the twelfth (12th) grade with an occupant load greater than 50 persons.
4. The fire area contains an ambulatory care facility.

Section 907.2.3 Group E is amended as follows:

In the absence of a complete automatic sprinkler system, a complete automatic detection system utilizing an emergency voice/alarm communication system shall be installed throughout the entire Group E occupancy. A Group E occupancy with a complete automatic sprinkler system shall be provided with a fire alarm system with a minimum of corridor smoke detection, at a maximum spacing of 30 feet on center, and heat or smoke detection in any hazardous or non-occupied area utilizing an emergency

voice/alarm communication system in compliance with Section 907.5.2.2 and installed in accordance with Section 907.6. When automatic sprinkler systems or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system.

Exception:

1. Group E occupancies with an occupant load of less than 50.
2. Manual fire alarm boxes are not required in Group E occupancies where all of the following apply :
 - a. Interior corridors are protected by smoke detectors with alarm verification.
 - b. Auditoriums, cafeterias, gymnasiums and the like are protected by heat detectors or other approved detection devices.
 - c. Shops and laboratories involving dusts or vapors are protected by heat detectors or other approved detection devices.
 - d. Off-premises monitoring is provided.
 - e. The capability to activate the evacuation signal from a central point is provided.
 - f. In buildings where normally occupied spaces are provided with a two-way communication system between such spaces and a constantly attended receiving station from which a general evacuation alarm can be sounded, except in locations specifically designated by the fire code official.
 - g. Manual fire alarm boxes shall not be required in Group E occupancies where the building is equipped throughout with an approved automatic sprinkler system, the notification devices will activate on sprinkler water flow, and manual activation is provided from a normally occupied location.
 - h. Emergency voice/alarm communication systems meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall not be required in Group E occupancies with occupant loads of 100 or less, provided that activation of the fire alarm system initiates an approved occupant notification signal in accordance with Section 907.5.

Section 915.1 Carbon monoxide general is amended as follows:

Carbon monoxide detection shall be installed in new and existing buildings in accordance with Sections 915.1.1 through 915.6, Section 1103.9, and Iowa Administrative Code 661-211.

Section 1003.8 Frost protection is added as follows:

Exterior landings at doors shall be provided with frost protection.

Section 1008.3.1 General is amended as follows:

In the event of the power supply failure in rooms and spaces that require two or more means of egress or are more than 400 square feet or greater, an emergency electrical system shall automatically illuminate all of the following areas:

1. Aisles.
2. Corridors.
3. Exit access stairways and ramps.

Section 1008.3.2 Buildings is amended as follows:

In the event of the power supply failure in rooms and spaces that require two or more means of egress or are more than 400 square feet or greater, an emergency electrical system shall automatically illuminate all of the following areas:

1. Interior exit access stairways and ramps.
2. Interior and exterior exit stairways and ramps.
3. Exit passageways.
4. Vestibules and areas on the level of exit discharge used for exit discharge in accordance with Section 1028.1
5. Exterior landings as required by Section 1010.1.6 for exit doorways that lead directly to the exit discharge.

Section 1009.2 Continuity and components is amended as follows:

Each required accessible means of egress shall be continuous to a public way and shall consist of one or more of the following:

1. Accessible route complying with Section 1104.
2. Interior exit stairways complying with Sections 1009.3 and 1023.
3. Exit access stairways complying with Section 1009.3 and 1019.3 or 1019.4.
4. Exterior exit stairways complying with Sections 1009.3 and 1027 and serving levels other than the level of exit discharge.
5. Elevators complying with Section 1009.4.
6. Platform lifts complying with Section 1009.5.
7. Horizontal exits complying with Section 1026.
8. Ramps complying with Section 1012.
9. Areas of refuge complying with Section 1009.6.
10. Exterior areas for assisted rescue complying with Section 1009.7 serving exits at the level of exit discharge.
11. Components of exterior walking surfaces shall be concrete, asphalt, or other approved hard surface.

Section 1010.1.6. Landings at doors is amended as follows:

Landings shall have a width not less than the width of the stairway or door, whichever is greater. Doors in the fully open position shall not reduce a required dimension by more than 7 inches (178 mm). Where a landing serves an occupant load of 50 or more, doors in any position shall not reduce the landing to less than one-half its required width. Landings shall have a length measured in the direction of travel of not less than 44 inches (1118 mm). For landings required by Section 1010.1.5 to be the same elevation on each side of the door, exterior landings shall be provided with frost protection.

Exception:

1. Landing length in the direction of travel in Groups R-3 and U and within individual units of Group R-2 need not exceed 36 inches (914 mm).

Section 1010.1.6.1 Frost protection at exterior landings is added as follows:

Exterior landings at doors shall be provided with frost protection.

Section 1010.1.9.1 Hardware is amended as follows:

Door handles, pulls, latches, locks, and operating devices on doors required to be accessible by Chapter 11 shall not require tight grasping, tight pinching or twisting of the wrist to operate. Thumb turn locks shall not be allowed.

Section 1028.6 Exit discharge pathway is added as follows:

Components of exterior walking surfaces shall be concrete, asphalt, or other approved hard surface.

Section 1029.1.1 Bleachers is amended as follows:

Bleachers, grandstands, and folding and telescopic seating that are not building elements shall comply with International Code Council (ICC) 300, Standard for Bleachers, Folding and Telescopic Seating, and Grandstands, 2012 Edition, with the following amendments to ICC-300

ICC-300 105.2 Yearly inspection required. The owner shall cause all bleachers and folding and telescopic seating installed on or after December 1, 2011, to be inspected at least once a year in order to verify that the structure is maintained in compliance with the provisions of this standard. All folding and telescopic seating shall also be inspected to evaluate compliance with the manufacturer's installation and operational instructions during the opening and closing of such seating. Any inspection conducted in compliance with this section may be conducted by any knowledgeable person including, but not limited to, a person who has been instructed by the manufacturer or installer as to procedures and standards for inspections of the structure being inspected and including, but not limited to, the owner of the structure or an employee of the owner of the structure. There are no further restrictions on the identity or employment of the person conducting the inspection unless otherwise provided by law. The owner shall maintain documentation of the required annual inspections, which shall show the date and name of the person conducting the inspection and shall be initialed by the person conducting the inspection.

ICC-300 501.2 Inspections. All tiered seating that was installed prior to December 1, 2011, shall be inspected at least once a year. The required inspection may be conducted by any knowledgeable person including, but not limited to, a person who has been instructed by the manufacturer or installer as to procedures and standards for inspections of the structure being inspected and including, but not limited to, the owner of the structure or an employee of the owner of the structure. There are no further restrictions on the identity or employment of the person conducting the inspection unless otherwise provided by law. All folding and telescopic seating shall be inspected to evaluate compliance with the manufacturer's installation and operational instructions and shall be inspected during the opening and closing of such seating. The owner shall maintain documentation of the required annual inspections, which shall show the date and name of the person conducting the inspection and shall be initialed by the person conducting the inspection.

Section 1030.5.3 Window well drainage is added as follows:

All window wells shall be provided with approved drainage.

Section 1103.7.1 Existing Group E shall be amended as follows:

Existing Group E occupancies shall be provided with a fire alarm system utilizing an emergency voice/alarm communication system in conjunction with Section 907.5.2.2 and installed in accordance with Section 907.6. As a minimum, smoke detection shall be provided in corridors at a maximum spacing of 30 feet on center, and heat or smoke detection shall be provided in any hazardous or non-occupied areas.

Exceptions:

1. A building with a maximum area of 1,000 square feet that contains a single classroom and is located no closer than 50 feet of another building.
2. Group E occupancy with an occupant load of less than 50.
3. Emergency voice/alarm communication systems meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall not be required in Group E occupancies with occupant loads of 100 or less, provided the activation of the fire alarm system initiates an approved notification signal in accordance with Section 907.5.

Section 1103.8 Single and multiple-station smoke alarms is amended as follows:

Single and multiple-station smoke alarms shall be installed in existing Group I-1 and R occupancies in accordance with Sections 1103.8.1 through 1103.8.4.

Section 1103.8.4 Smoke alarm service life is added as follows:

Single-station battery operated smoke alarms shall be replaced in accordance with the manufacturer's instructions.

Section 1103.9 Carbon monoxide alarms is amended as follows:

Existing I-1, I-2, I-4, and R occupancies shall be equipped with carbon monoxide alarms in accordance with Section 915 and Iowa Administrative Code 661-211.

Section 1107 Requirements for fuel fired appliances is added.

Section 1107.1 Protection of fuel fired appliances is added as follows:

Where required or upon notification from the fire code official an existing building or tenant space containing a fuel fired appliance(s) shall be protected as required in Table 509, Incidental Uses, in the International Building Code 2015 edition.

Chapter 38 Special Events is added.

Section 3801 General is added.

Section 3801.1 Scope is added as follows:

Special events including trade shows and exhibitions, outdoor assembly events, and special amusement buildings shall comply with this chapter and Section 1028. Temporary indoor vehicle displays and vehicle competition or demonstrations shall comply with this chapter and Section 314.

Section 3801.2 Site plan is added as follows:

A detailed site plan shall be submitted to the fire code official with each permit application for approval. Permit application and site plan shall be submitted a minimum of 30 business days prior to the event. Site plans shall include, but not be limited to:

1. Location of fencing or means to confine attendees.
2. The means of egress.
3. Location and width of exits and aisles.
4. Location of exit signs.
5. Total square footage of the enclosed space.
6. Location and arrangement of all tents, booths, and cooking equipment.
7. Location of all fire protection equipment.
8. Type and location of heating and electrical equipment where applicable.
9. Location of fire and emergency service access roads where applicable.

Section 3802 General Requirements is added.

Section 3802.1 Access for firefighting and medical services is added as follows:

Approved vehicle access for firefighting and medical services shall be provided in accordance with Sections 503 and 512.

Section 3802.2 Combustible storage is added as follows:

Combustible materials stored at special events shall be stored in approved locations and containers.

Section 3802.3 Fire protection equipment clearance is added as follows:

Clearance around all fire protection equipment shall be in accordance with Section 507.5.4 and 507.5.5.

Section 3802.4 Fire extinguishers is added as follows:

Fire extinguishers shall be in accordance with Section 906 and NFPA 10.

Section 3802.5 Fire watch is added as follows:

Fire watch, if required, shall be in accordance with Section 403.12.1.

Section 3802.6 Housekeeping is added as follows:

The special event area and related areas shall be kept free from combustible debris.

Section 3802.7 LP-gas heater is added as follows:

Fuel supplies for liquefied-petroleum gas-fires heaters shall comply with Chapter 61 of the International Fire Code.

Section 3802.8 Open flame device is added as follows:

Open flame devices shall comply with Section 308.

Section 3802.8 Waste disposal is added as follows:

Combustible debris shall not be allowed to accumulate at special events. Combustible debris, rubbish, and waste material shall be removed from special events at the end of each shift worked. Combustible debris, rubbish, and waste material shall not be disposed of by burning on the site.

Section 3803 Trade shows and exhibitions is added.

Section 3803.1 General is added as follows:

Trade shows and exhibitions conducted within any occupancy shall comply with Chapter 38.

Section 3803.2 Vehicles is added as follows:

Liquid and gas fueled and electric vehicles, boats, or other motor-craft and equipment used for display or demonstration within a building shall be in accordance with Section 314.

Section 3803.3 Means of egress is added as follows:

Means of egress shall comply with this section and the requirements of Chapter 10.

Section 3803.4 Travel distance is added as follows:

The maximum travel distance from any point in an exhibit to an exit access aisle shall not exceed 50 feet.

Section 3803.5 Aisle width is added as follows:

Minimum aisle width inside a trade show or exhibition shall comply with the following:

<u>Square Footage of Exhibition</u>	<u>Minimum Aisle Width</u>
Less than 5,000 square feet	6 feet
5,000 to 15, 000 square feet	8 feet
Greater than 15,000 square feet	10 feet

Section 3803.5.1 Obstructions is added as follows:

Aisles shall be kept clear of all obstructions, including but not limited to, fixtures and displays of goods for sale, chairs, tables, products, and displays.

Section 3803.5.2 Exit signs is added as follows:

Exit signs shall be visible from all locations in the occupancy.

Section 3803.6 Demonstration cooking and warming equipment or devices is added as follows:

Equipment and devices shall be isolated from the public by not less than 4 feet or by a non-combustible 3-sided barrier between the equipment and the public.

Section 3803.6.1 Protection is added as follows:

Single-well cooking equipment using combustible oils shall meet the following:

1. A noncombustible lid of sufficient size to cover the cooking well completely shall be immediately available.
2. The cooking surface shall not exceed 288 square inches.
3. The equipment shall be placed on a noncombustible surface.

4. Cooking equipment shall be separated from combustible materials by a horizontal distance of at least 2 feet.

Section 3803.6.2 Butane is added as follows:

Butane for cooking equipment shall be limited to one 10 ounce cylinder and one spare of the same size in storage, per appliance.

Section 3804 Outdoor assembly events is added.

Section 3804.1 General is added as follows:

Outdoor assembly events shall be in accordance with Section 3804 and Chapter 10.

Section 3804.2 Occupant load is added as follows:

The fire code official shall establish an occupant load for the event site.

Section 3804.3 Exits is added as follows:

Exits shall comply with Chapter 10 and be as remote from each other as practical and shall be provided as follows:

<u>Occupant Load</u>	<u>Minimum Number of Exits</u>
1 to 500	2
501 to 1,000	3
1,001 to 1,500	4
Each additional 500	Add 36 additional inches of exit width

Section 3804.4 Exit Width is added as follows:

The aggregate clear width of exits shall be a minimum of 36 inches wide for each 500 persons accommodated.

Section 3804.5 Exit sign is added as follows:

Exits shall be identified with signs. The signs shall be weather-resistant with lettering on a contrasting background. The lettering shall be of sufficient height to be visible from 75 feet. Placement of exit signs shall be approved by the fire code official.

Section 3804.6 Concession stands, food booths, and retail booths is added.

Section 3804.6.1 General is added as follows:

Concession stands, food booths, and retail booths shall be in accordance with Section 3804.6.

Section 3804.6.2 Distances is added as follows:

A minimum of 20 feet shall be provided between every 150 linear feet of booth space. A minimum of 30 feet shall be provided between booths used for cooking and vehicles, generators, or any other internal combustion engines. A minimum of 30 feet shall be provided between booths used for cooking and amusement rides.

Section 3804.6.3 Cooking appliances and devices is added as follows:

Cooking equipment and devices shall be isolated from the public by not less than 4 feet or by a non-combustible 3-sided barrier between the equipment and the public. Single-well cooking equipment using combustible oils shall meet the following:

1. A noncombustible lid of sufficient size to cover the cooking well completely shall be immediately available.
2. The cooking surface shall not exceed 288 square inches.
3. The equipment shall be placed on a noncombustible surface.
4. Cooking equipment shall be separated from combustible materials by a horizontal distance of at least 2 feet.

Section 3804.6.4 Liquefied petroleum gas (LP-gas) is added as follows:

LP-gas shall be in accordance with Chapter 61 and NFPA 58.

Section 3804.6.5 Maximum number and quantity is added as follows:

A maximum of a total aggregate water capacity of 50 gallons of LP-gas is permitted at one concession stand or booth used for cooking.

Section 3804.6.6 Storage of containers is added as follows:

LP-gas containers shall be stored in accordance with Chapter 61.

Section 3804.6.7 Generators /electrical is added as follows:

Generators shall be installed at least 10 feet from combustible materials and shall be isolated from the public by physical guard, fence, or enclosure installed at least 3 feet away from the power source, and be provided with a fire extinguisher per Section 906 and NFPA 10.

Section 3805 Mobile food vehicles is added.

Section 3805.1 General is added as follows:

Mobile food vehicles which are temporarily or permanently stored on a property where food items are processed or prepared and sold to the public shall comply with this section.

Exception:

Food peddlers operating a retail food establishment from a vehicle designated to be readily movable in which food is sold or given away, but not composed, compounded, thawed, reheated, cut, cooked, processed or prepared.

Section 3805.2 Type I hood is added as follows:

A type I hood shall be installed at or above all commercial cooking equipment and domestic cooking appliances used for commercial purposes that produce grease vapors.

Section 3805.2.1 Maintenance is added as follows:

Hoods shall be inspected, tested, and maintained in accordance with this code.

Section 3805.2.2 Inspection and tests is added as follows:

Kitchen hood extinguishment systems shall be inspected and tested annually by a State if Iowa licensed fire protection contractor. Mobile food vehicles shall be inspected annually by the fire code official for compliance with this section. Inspection shall occur in conjunction with annual Peddler/Solicitor/Transient Merchant application process.

Section 3805.3 Fire extinguisher is added as follows:

An approved 2A:20 B:C rated dry chemical extinguisher shall be provided within 30 feet of any commercial cooking equipment. Additionally, cooking equipment involving solid fuels or vegetable or animal fats and oils shall be protected by a Class K rated portable fire extinguisher in accordance with Section 904.12.5.1 or 904.12.5.2 as applicable.

Section 3805.4 Liquefied petroleum gas (LP-gas) is added as follows:

LP-gas shall be in accordance with Chapter 61 and NFPA 58.

Section 3805.4.1 Maximum quantity is added as follows:

A maximum of two LP-gas containers with a total aggregate water capacity of 50 gallons (190 L) is permitted at one mobile food vehicle.

Section 3805.4.2 LP-gas cylinder hose is added as follows:

Hoses shall be designed for a working pressure of 350 psig with a safety factor of 5 to 1 and shall be continuously marked with LP-Gas, Propane, and 350 PSI working pressure and the manufacturer's name or trademark. Hose assemblies, after the application of couplings, shall have a design capacity of 700 psig. Hose assemblies shall be leak tested at the time of installation at not less than the operating pressure of the system in which they are installed.

Section 3805.5 Location is added as follows:

Mobile food vehicles shall not be located within 20 feet of buildings, tents, canopies, or membrane structures.

Section 3806 Special amusement buildings is added

Section 3806.1 General is added as follows:

Special amusement buildings shall be in accordance with this section and Section 411 of the International Building Code.

Exception:

Amusement buildings or portions thereof, which are without walls or a roof and are constructed to prevent the accumulation of smoke.

Section 3806.2 Use of combustible decorative material is added as follows:

Use of decorative combustible materials shall be in accordance with Chapter 8.

Section 3806.3 Assistance is added as follows:

Adult monitors with flashlights shall be available to provide assistance in the event someone becomes disoriented or lost. One adult monitor shall be provided for every 60 persons.

Section 3806.4 Automatic sprinkler system is added as follows:

Special amusement buildings shall be equipped throughout with an automatic sprinkler system in accordance with Chapter 9.

Section 3806.5 Temporary special amusement building is added as follows:

Where the special amusement building is temporary, the sprinkler water supply shall be of an approved temporary means. The sprinkler piping shall be connected to a temporary water supply having sufficient capacity (flow and pressure) to supply residential or standard quick spray response heads at a minimum design density of 0.15 gpm per square foot of protected floor space. The temporary water supply may be connected to a domestic water line, a fire line, or temporary on-site storage tank as long as the minimum design densities are met.

Section 5704.2.9.6.1 Locations where above-ground tanks are prohibited is amended as follows:

Storage of Class I and II liquids in above-ground tanks outside of buildings is prohibited within the limits established by law as the limits of districts in which such storage is prohibited.

Exception:

Areas zoned as M1 and M2.

“CHAPTER 91” OPEN BURNING

Sec. 91.020 Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Backyard. Backyard means any area as defined under Ch. 158 of the code of ordinances.

Backyard burning. The burning of natural vegetation originating or deposited on the premises or and burnt by individuals domiciled on or owning the premises. Natural vegetation includes, but is not limited to leaves, grass, small branches, flower remains and trimmings.

Bonfire. An outdoor fire utilized for ceremonial purposes that exceeds the size requirements of a recreational fire.

Garbage. All solid and semi-solid putrescible and nonputrescible animal and vegetable wastes resulting from the handling, preparing, cooking, storing and serving of food or of material intended for use as food.

Hazardous conditions. Environmental factors, such as wind, temperature, and relative humidity that contribute to hazardous burning conditions.

Open burning. Any burning of materials wherein products of combustion are emitted directly into the ambient air without passing through a stack or chimney from an enclosed chamber as defined by the International Fire Code as adopted by the City of Marshalltown. Open burning does not include recreational fires or the use of outdoor portable fireplaces.

Portable outdoor fireplace. Portable outdoor fireplace means a portable, outdoor, solid-fuel burning fireplace that may be constructed of steel, concrete, clay, or other non-combustible material.

Recreational fire. An outdoor fire burning material other than rubbish or yard waste where the fuel being burned is not contained in an incinerator, outdoor fireplace, portable outdoor fireplace, and barbeque grill and has a total fuel area of three (3) feet or less in diameter and two (2) feet or less in height for pleasure, religious, ceremonial, cooking, warmth or similar purposes.

Rubbish. Rubbish means all waste materials of nonputrescible nature.

Sec. 91.021. Burning Garbage Prohibited.

No person, firm, or corporation shall dispose of garbage at any time by burning same.

Sec. 91.022. Burning of Rubbish Prohibited.

It shall be unlawful for any person, firm, or corporation to do open burning of rubbish.

Sec. 91.023. Burning Diseased Trees.

Diseased trees may be burned in areas designated by the Fire Chief or his designee and upon terms and conditions he or she may prescribe.

Sec. 91.024 Permissible Open Burning.

It shall be lawful to engage in open burning of plant material grown on the premises or deposited thereon by the elements by the owner or occupant of the premises involved, subject to the following:

- a.) Open burning is allowed between the dates of April 1st through June 30th and October 1st through November 30th.
- b.) Open burning shall occur in the backyard Monday through Sunday between the hours of 10 a.m. and 7 p.m. and is limited to single family dwellings only. Burning on public streets and alleys is prohibited. Burning on the property of another is prohibited unless the property owner grants permission, i.e. neighbors, neighborhoods, and all open burning regulations shall apply. All open burning piles shall be extinguished by 7 p.m.
- c.) Open burning of any material is not allowed by an owner or occupant of premises upon which more than one family dwelling unit is found.
- d.) Open burning is not allowed on holidays as defined: Good Friday, Memorial Day, July 4th, Labor Day, Thanksgiving, Christmas, and New Year's Day.
- e.) Open burning shall be prohibited when atmospheric conditions make such fires hazardous and includes:
 - a. Wind speed greater than 15 mph.
 - b. Extended dry weather conditions.
- f.) Open burning shall not be less than 50 feet from any structure. Fire in enclosed containers with a cover to control flying embers shall not be less than 15 feet from any structure.

- g.) Any opening burning must be constantly supervised by a competent person equipped with a satisfactory means of fire control.
- h.) Burning by commercial business is prohibited unless a burn permit is obtained from the Fire Department. If a permit is issued, all requirements for open burning shall be followed.
- i.) All open burning must be in compliance with the International Fire Code as adopted by the City of Marshalltown.

Sec. 91.025. Recreational Burning Allowed; Rear and side yard restrictions, and spruce trees.

1. Recreational burning shall be allowed for food preparation and camping purposes – or as defined in the definition section. The material to be burned is limited to seasoned wood, and the fire shall comply with all other applicable codes related to open burning.
 - a.) Recreational fires are allowed both on the ground and in a container designed for this purpose at one-and two-family dwellings.
 - b.) Recreational fires on the ground shall not be conducted within 25 feet of a structure or combustible material.
 - c.) Recreational fires contained in appliances specifically designed for this purpose shall not be operated within 15 feet of a structure or combustible material.
 - d.) Bonfires shall follow the listed requirements for recreational burning with the following exceptions:
 - a. A permit is required from the fire code official.
 - b. Bonfires are required to be 50 feet from any structure and 15 feet from property lines.
 - e.) The responsible party must provide a means to control flying embers.
 - f.) All recreational fires must be extinguished by 2:00 A.M.
 - g.) Recreational fires shall be attended at all times until the fire is extinguished.
 - h.) Responsible party shall have available at all times a sufficient means of extinguishment to include any of the following:
 - a. Garden hose connected to a continuous water supply.
 - b. Fire extinguisher complying with Section 906 of the International Fire Code.
 - c. Dirt or sand
 - i.) Municipal camping areas are exempt from the requirements of this section except for the restrictions on size.
 - j.) Recreational fires are allowed year round.
2. Subject to contrary provisions of the International Fire Code, as adopted by the city, open burning of permitted plant material, on permitted premises, shall be at least 15 feet from side and rear yard boundary lines.
3. It shall be unlawful to engage in open burning within 20 feet of any part of a pine or spruce tree.

Sec. 91.026. Fire department response fee.

Any violation of the rules concerning prohibited and open burning, which require a response by the city's fire department to control or extinguish, will be subject to a response fee as established by resolution. Commercial property found in violation of this subchapter shall be charged the permit fee for open burning as established by resolution.

Article II. Any previous amendments thereto, which are inconsistent with this attachment are hereby specifically repealed and the attachment is enacted as a substitute therefore.

Article III. The public hearing required on this amendment shall be held in the Council Chambers of City Hall, 24 N. Center Street, Marshalltown, Iowa at 5:30 p.m. local time, on the 22nd day of July, 2019, and the City Clerk is directed to cause a publication of the notice of public hearing in one issue of the Marshalltown Times Republican, a newspaper in Marshalltown, Marshall County, Iowa, not less than 4 days nor more than 10 days prior to the date of public hearing fixed herein.

Article IV. This ordinance shall be in full force and effect from and after public notice of hearing on this amendment has been duly given as required by the statutes of the State of Iowa and said public hearing has been duly held and after passage by the Council and publication as is provided by law.

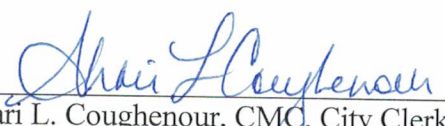
Passed this 22nd day of July, 2019, and signed this 24 day of July, 2019.

CITY OF MARSHALLTOWN, IOWA



Joel Greer, Mayor

ATTEST:



Shari L. Coughenour, CMC, City Clerk

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Passed this 22nd day of July, 2019, and signed this ___ day of July, 2019.

CITY OF MARSHALLTOWN, IOWA

Joel Greer, Mayor

ATTEST:

Shari L. Coughenour, CMC, City Clerk