

CITY OF TIFFIN ORDINANCE NO. 2025-519

AN ORDINANCE ADOPTING THE 2024 INTERNATIONAL FIRE CODE WITH AMENDMENTS

BE IT ENACTED BY THE CITY COUNCIL OF TIFFIN, IOWA:

Section 1. Purpose. The purpose of this ordinance is to adopt the 2024 International Fire Code with Amendments.

Section 2. Amendment. The 2024 International Fire Code is hereby adopted in Chapter 155, Building Codes, and is hereby amended as follows:

INTERNATIONAL FIRE CODE 2024 - AMENDMENTS

155.02 Fire Code Adopted.

1. Except as hereinafter modified, that certain code, designated International Fire Code, 2024 edition, including Appendix Chapters B, C, D, E, F, G, H, I, K, N, O as published by the International Code Council, which code is specifically incorporated by reference, is adopted as the Fire Code of the City of Tiffin, in the State of Iowa. The provisions of said Fire Code shall regulate and govern the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises as herein provided; provide for the issuance of permits and collection of fees therefor; and each and all of the regulations, provisions, penalties, conditions and terms of said Fire Code on file in the office of the City of Tiffin are hereby referred to, adopted, and made a part hereof, as if fully set out in this legislation, with the additions, insertions, deletions and changes, prescribed in the following Sections of this Chapter.

155.04 Amendments to the Fire Code.

Section 101.1. "[NAME OF JURISDICTION]" is amended to "City of Tiffin"

Section 103.1 "[NAME OF DEPARTMENT]" is amended to "Tiffin Fire Department"

Section 104.12 Add a new section to read as follows: The Fire Code Official is authorized to order an operation or use stopped or the evacuation of any premises, building, or vehicle or portion thereof which has or is a fire, life safety or health hazard.

Section 105.2 Add a sentence to the end of the section to read as follows: Application for an operational permit shall be submitted with all required information not less than 14 days prior to the event requiring a permit.

Section 105.5 Add a sentence to the end of the section to read as follows: The Fire Code Official at their discretion shall send plans for operational permits

requests to an outside agency for review. The Fire Code Official shall choose the plans review agency. The applicant shall pay all fees associated with the plan review directly to the outside agency. The permit shall not be issued until the review fees have been paid.

Section 105.6 Add a sentence to the end of the section to read as follows: The Fire Code Official at their discretion shall send plans to an outside agency for review. The Fire Code Official shall choose the plans review agency. The applicant shall pay all fees associated with the plan review directly to the outside agency. The permit shall not be issued until all fees have been paid.

Section 112 Delete in its entirety and insert in lieu thereof: City of Tiffin Municipal Code.

Section 114.4 Delete the section and replace with: 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 and shall be liable as City of Tiffin Municipal Code.

CHAPTER 2 - DEFINITIONS

SECTION 202 GENERAL DEFINITIONS

Section 202 Add a new definition to read as follows: CROWD MANAGER. Crowd Manager is responsible for safe crowd movement during daily activities and special events; means of egress, assisting venue occupants, overseeing emergency response and evacuation plans.

Section 202 Add a new definition to read as follows: EMERGENCY COMMUNICATIONS CENTER. Johnson County Joint Emergency Communications Center (JCJECC).

Section 202 Add a new definition to read as follows: SHELL BUILDING. A building shell, or envelope, includes all components that separate the interior space within a structure from the surrounding exterior areas. The shell may be composed of many different features, including walls, windows, doors, roofing, footers, and foundations that is constructed without prior knowledge of the specific occupants, improvements or hazards that will be present within the structure.

Section 202 Add a new definition to read as follows: STRIP MALL. A single commercial building, of two or less floors, that is divided into separate spaces for business uses such as retail stores, drinking and dining establishments, office or other similar service establishments, and which shall have separate outside entrances and exits and share a parking lot.

CHAPTER 3 – GENERAL REQUIREMENTS

SECTION 307 OPEN BURNING, RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACES

Section 307 See Also City of Tiffin Ordinance 105.05 Open Burning Restricted and 135.08 burning prohibited.

SECTION 308 OPEN FLAMES

Section 308.3 Add number 4: Outdoor assembly spaces are allowed to be provided with natural gas fueled fire pit appliances complying with the applicable adopted codes and manufacturer's listing.

CHAPTER 4 – EMERGENCY PLANNING AND PREPARDNESS

SECTION 401 GENERAL

Section 401.9 Add a new section to read as follows: Building evacuation. Upon activation of the building fire alarm system or upon notification by other means of detecting and reporting unwanted fire, all building occupants shall promptly evacuate the building. Building employees and tenants shall implement the appropriate emergency plan and procedures.

Exception: When the emergency evacuation plan, as approved by the fire code official, does not require the immediate total evacuation of the building.

SECTION 405 EMERGENCY EVACUATION DRILLS

Section 405.3 Table Amend frequency of Group E Occupancy to footnote d and add footnote d as follows: d. Group E occupancies shall conduct fire and evacuation drills in accordance with State of Iowa requirements.

CHAPTER 5 – FIRE SERVICE FEATURES
SECTION 505
PREMISES IDENTIFICATION

Section 505.1 Add table.

Minimum Height and Stroke Width a,b,c,d

Distance from the centerline of the Public Way (ft)		Minimum Height (in)	Minimum Stroke Width (in)
Less than 100		6	$\frac{3}{4}$
100	199	8	1
200	299	10	1 $\frac{1}{4}$
For each additional 100		Increase 2	Increase $\frac{1}{2}$

- a. Exterior suite identification, minimum height shall be 4 inches and stroke width shall be $\frac{1}{2}$ inch.
- b. Interior suite identification, minimum height shall be 3 inches and stroke width shall be $\frac{1}{4}$ inch.
- c. Measurements to determine the minimum number or letter size shall be measured from the approved address location to the center line of the street for which the premise is addressed.
- d. Minimum height and minimum stroke may be increased by the Fire Code Official.

Section 505.3 Add a new section to read as follows: Addresses for Buildings under Construction. Upon permit issuance, all new commercial and residential buildings under construction shall have plainly visible addresses from the street. Additional address signage may be required at the discretion of the Fire Code Official.

Section 505.4 Add a new section to read as follows: Addresses for Buildings Additional address signage may be required at the discretion of the Fire Code Official.

SECTION 506
KEY BOXES

Section 506.1 Add a sentence to the end of the section to read as follows: City of Tiffin Municipal Code.

SECTION 507
FIRE PROTECTION WATER SUPPLIES

Sections 507.2.1 Add to end of section to read as follows: Private fire service mains shall be appropriately sized and installed to provide the required fire flow and shall be a minimum of 8" in diameter.

Section 507.3 Delete the section and replace it with: Fire flow. Fire flow requirements for buildings or portions of buildings shall be determined by “Appendix B” of this code.

Section 507.5.1 Delete exceptions 1 & 2.

Section 507.5.1.1 Delete section and replace with: Fire Sprinkler System & Standpipe System Support. A fire hydrant shall be located no more than 100 feet from a fire sprinkler or standpipe system connection on a hard surface, located on the same side of the fire department access road, easily accessible by fire apparatus and meeting the approval of the Fire Code Official.

Exception: The location of the fire hydrant may be modified by approval of the Fire Code Official.

Section 507.5.7 Add a new section to read as follows: Fire Hydrant Installation

Section 507.5.7.1 Add a new section to read as follows: Fire hydrant outlet direction: All fire hydrants shall be positioned so that the four and one-half (4 1/2) inch connection is facing the street or driveway accessible to fire department apparatus.

Section 507.5.7.2 Fire hydrants threads: All new fire hydrants within the limits of the city of Tiffin have National Standard Threads (NST) on the two and one-half (2 1/2) inch connections and the four and one-half (4 1/2) inch connection will have a Storz connection.

Section 507.5.7.3 Flow: The minimum flow requirements for a water main serving a fire hydrant is the rate of water flow, at a residual pressure of twenty pounds per square inch (20psi) and for a specified duration, as specified in appendix B of this code and be a minimum of 8” in diameter.

Section 507.5.7.4 Add a new section to read as follows: Fire hydrant height: Fire hydrants shall be installed a minimum of sixteen (16) inches from the nominal ground level to the center of the lowest water outlet.

SECTION 510

EMERGENCY RESPONDER COMMUNICATIONS ENHANCEMENT SYSTEMS

Section 510.1 Delete exceptions 1 & 4.

CHAPTER 6 – BUILDING SERVICES AND SYSTEMS

SECTION 604

ELEVATOR OPERATION, MAINTENANCE AND FIRE SERVICE KEYS

Section 604.6.1 Delete section and replace with: Elevator key location. Keys for the elevator car doors and fire-fighter service keys shall be kept in an approved elevator key box in an approved location by the Fire Code Official for immediate use by the fire department.

Section 604.8 Add a new section to read as follows: Elevator equipment signage. New and existing buildings with an elevator shall have an approved, visible sign located next to the elevator key box stating the location of the elevator equipment room and elevator power shut-off.

Section 604.9 Add a new section to read as follows: Elevator monitoring service or company shall provide emergency contact information to the fire code official upon request.

SECTION 606

COMMERCIAL COOKING EQUIPMENT AND SYSTEMS

Section 606.4 Delete the last sentence and replace with: Movement of new and existing cooking appliances with caster(s) under a Type I hood shall be limited by an approved floor mounted restraining device installed in accordance with the connector and appliance manufacturer's instructions.

Section 606.5 Add a new section to read as follows: Required separation. All deep-fat fryers shall be installed with at least 16- inch space between the fryer and surface flames from adjacent cooking equipment. Where a steel or tempered glass baffle plate is installed at a minimum 8-inch height between the fryer and surface flames to the adjacent appliance, the requirement for a 16- inch space shall not apply.

Section 606.6 Add a new section to read as follows: Kitchen Hood Exhaust Fan Requirement. New and existing Type I hood kitchen hood exhaust/up blast fans shall be installed with listed hinges, weatherproof electrical cable, a hold open retainer for servicing and cleaning and grease containment.

CHAPTER 8 – INTERIOR FINISH, DECORATIVE MATERIALS AND FURNISHINGS

SECTION 803 INTERIOR WALL AND CEILING FINISH IN EXISTING BUILDINGS

Section 803.16 Add a new section to read as follows: Maintenance. The interior finish of buildings shall be maintained in accordance with the conditions of original approval. Any change to the interior finish that is regulated by the provisions of this code, or the building code shall be made in accordance with all applicable requirements.

SECTION 807 DECORATIVE MATERIALS AND ARTIFICIAL DECORATIVE VEGETATION IN NEW AND EXISTING BUILDINGS

Section 807.5.2.1 Delete exception 2.

Section 807.5.5.1 Delete exception 2.

CHAPTER 9 – FIRE PROTECTION AND LIFE SAFETY SYSTEMS

SECTION 901 GENERAL

Section 901.2 (a) Add a new section to read as follows: **Water-based fire protection systems.** Working plans submitted to the fire department for water-based fire protection systems shall be stamped and approved by a qualified person to be in compliance with applicable NFPA standards and the Tiffin Fire Code. Any changes to the working plans shall be approved by a qualified person. A qualified person shall have a minimum National Institute for Certification in Engineering Technologies [NICET] Level III certification for Automatic Sprinkler System Layout OR be a licensed engineer with experience in life safety system design. Other qualifications may be approved by the Fire Code Official.

Section 901.2 (b) Add a new section to read as follows: **Fire alarm systems.** Working plans submitted to the fire department by a qualified person for fire alarm systems shall be stamped and approved by a qualified person to be in compliance with applicable NFPA standards and the Tiffin Fire Code. Any changes to the working plans shall be approved by a qualified person. A qualified person shall have a minimum National Institute for Certification in Engineering Technologies [NICET] Level III certification for Fire Alarm Systems OR be a licensed engineer with experience in life safety system design. Other qualifications may be approved by the Fire Code Official.

Section 901.4.7.1. Add a sentence to the end of the section to read as follows: The fire pump room or automatic sprinkler riser room shall have an exterior

access door. The room shall have a hard-cleanable walking surface from the fire department access road.

Section 901.4.7.3. Add a sentence to the end of the section to read as follows: The fire pump room or automatic sprinkler riser room shall have a supervised room temperature sensor.

Section 901.4.7.4. Add a sentence to the end of the section to read as follows: Emergency lighting shall be provided in the fire pump room or automatic sprinkler riser room.

Section 901.4.7.5 Add a new section to read as follows: Additional Requirements. The fire pump room or automatic sprinkler riser room shall be separated from electrical room and have no electrical panels inside the rooms other than electrical power required for the use of the fire alarm and fire protection equipment and have a floor drain. Unless otherwise approved by the Fire Code Official, the fire sprinkler riser room with one sprinkler riser shall have a minimum area of sixteen (16) square feet with a minimum dimension of four (4) feet providing at least three (3) feet clearance in front of the sprinkler, fire alarm control panel and fire pump equipment. If additional sprinkler risers are installed, the room size shall be increased to provide at least three (3) feet of clearance in front of each riser.

Section 901.6.3.2 Add a new section to read as follows: Inspection Record Submission. Contractors who perform installation, inspection, testing and/or maintenance services on fire and life safety systems are required to electronically submit all installation and compliant & non-compliant inspection reports to the Fire Department via a method approved by the Fire Code Official within 30 calendar days of the installation/inspection date. Reports submitted after 30 calendar days may incur late fees.

Section 901.7 Add a sentence to the end of the section to read as follows: A person assigned to firewatch must walk through the building at least once every 30 minutes checking for fire or smoke. A firewatch must be continued until the fire alarm system and/or fire protection system has been restored to normal operating condition. A competent adult familiar with the building must conduct the firewatch. If a fire is discovered, call 911 and immediately evacuate the building. Exception: Firewatch may not be required by approval of the Fire Code Official, if the building has been evacuated and secured.

SECTION 903 AUTOMATIC SPRINKLER SYSTEMS

Section 903.3.1.1.2 Delete the section and replace it with: In Group R occupancies, sprinkler protection shall be provided in all bathrooms in NFPA 13 & NFPA 13R systems regardless of the bathroom size. The walls and ceilings, including the walls and ceilings behind a shower enclosure or tub, shall be noncombustible or limited-combustible materials with a 15-minute thermal barrier rating.

Section 903.3.1.1.4 Add a new section to read as follows: Strip malls, multi-occupant/tenant or shell buildings: The minimum sprinkler design density for all new multi-occupant/tenant or shell buildings shall be Ordinary Hazard (Group 2) as outlined in NFPA 13.

Section 903.3.5 Delete the section and replace with: Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in Section 903.3.1. The portable water supply shall be protected against backflow in accordance with the requirements of this section and the International Plumbing Code. The backflow preventor shall include a detector (water meter) unless the fire code official approves an exception in consultation with the water supply utility. For connections to public waterworks systems, the water supply test used for design of fire protection systems shall be adjusted to account for seasonal and daily pressure fluctuation based on information from the water supply authority and as approved by the fire code official.

Cedar Rapids already requires. Iowa City is going to require.

Section 903.3.5.1 Delete this section and replace it with: A single domestic and automatic fire sprinkler system water supply. If the city water provider requires a single domestic and automatic fire sprinkler system supply, then the water supply shall be split outside of the building and shall have a shutoff provided for the domestic service after the split outside of the building. The total domestic demand is required to be added to the fire sprinkler demand.

Section 903.3.5.2 Delete this section.

Section 903.3.5.3 Add a new section to read as follows: Water supply safety margin: The fire sprinkler system hydraulically calculated demand per NFPA 13 or NFPA 13R including required hose stream allowances, and domestic water demand if required by section 903.3.5.1 must be a minimum 10%, but not less than 5 psi below the water supply flow test curve, the flow test must have been conducted within 90 days of fire sprinkler plan submittal to the city and third-party reviewer (if applicable). The base of riser psi at the time of acceptance test shall also be 10% but not less than 5 psi above the most demanding hydraulically calculated pressure.

Section 903.4.1 Delete exception number 5 without substitution.

Section 903.4.3 Delete the section and replace it with: Alarms. An approved weatherproof horn/strobe device shall be mounted directly above the fire department connection between seven (7) and ten (10) feet in height above grade. The water-flow alarm device shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Approved and supervised audible visual notification appliances shall be installed throughout each level of the interior of the building as required by the Fire Code Official and NFPA 72. Where a fire alarm system is installed,

actuation of the automatic sprinkler system shall actuate the building fire alarm system.

Exception: Automatic sprinkler systems protecting one- and two-family dwellings.

Section 903.5.1 Add a new section to read as follows: Inspector's test valve. An inspector's test valve is required at the most remote location in each fire sprinkler system or tenant/floor control valve space, for use at the acceptance test and to remove air from the system after maintenance work is done on the system.

Section 903.5.2 Add a new section to read as follows: Forward Flow Testing. Automatic sprinkler systems shall be provided with an external outlet to perform forward flow testing as required by NFPA 25. Control valve shall be supervised, and outlet shall be signed as testing and have male threads.

Section 903.5.2 Add a new section to read as follows: Forward Flow Testing. Automatic sprinkler systems shall be provided with an external outlet to perform forward flow testing as required by NFPA 25. Control valve shall be supervised, signed as testing and have male threads.

Section 903.7 Add a new section to read as follows: Zones. Automatic sprinkler system zones shall not exceed the area permitted by NFPA 13 or NFPA 13R and shall provide a sprinkler control valve and water flow device for each normally occupied floor or normally occupied space in a multi-tenant building. Except by approval of the Fire Code Official, all control and drain valves shall be located in the sprinkler riser room or in the stairwell of a multi-story building provided with standpipes, mounted no higher than 6 feet from floor.

Section 903.8 Add a new section to read as follows: Fire sprinkler for exterior projections. An exterior projection as outlined in NFPA 13 attached to a building shall be required to have fire sprinklers installed underneath for protection throughout if the exterior projection extends more than 4 feet from the building and is 12 feet or less in height from the ground regardless of whether the exterior projection is combustible or noncombustible. Canopies that are attached to or within ten (10) feet of the building and have vehicle access under them with openings into the building shall be required to have fire sprinklers coverage installed under the canopy regardless of whether the canopy is combustible or non-combustible.

Section 903.9 Add a new section to read as follows: Drains. As required by the Fire Code Official, all drain and testing piping serving automatic sprinkler systems and standpipes shall be piped to the exterior of the building. Exception: Automatic sprinkler systems protecting one- and two-family dwellings.

SECTION 904 ALTERNATIVE AUTOMATIC FIRE EXTINGUISHING SYSTEMS

Section 904.16 Add a new section to read as follows: System Annunciation. Commercial cooking automatic fire extinguishing systems installed in buildings that do not have a fire alarm system, shall be connected to an approved audible and visible emergency notification device to warn of system discharge. The horn/strobe and signage shall be installed in a location approved by the Fire Code Official, typically in the kitchen.

Section 904.17 Add a new section to read as follows: Ventilation Operation. The ventilation system shall shut down the make-up air to the hood and continue to exhaust upon activation of the hood fire extinguishing system. Exception: Section 904.17 may be revoked if the fire extinguishing agent will not perform to specifications due to exhausting requirements.

SECTION 905 STANDPIPE SYSTEMS

Section 905.1.1 Add a new section to read as follows: Delete all references to class II standpipe system and replace with class III standpipe systems.

Section 905.3.4 Delete the exception without substitution.

Section 905.3.8 Add a new section to read as follows: Additional Standpipe Systems: Additional standpipe systems may be added to new buildings or structures as deemed necessary by the Fire Code Official.

Section 905.4 Requirement #1 Delete the section and replace it with: In every required interior exit stairway, a hose connection shall be provided for each story above and below grade plane. Hose connections shall be located at intermediate landing between stories, unless otherwise approved by the Fire Code Official.

Section 905.4 Requirement #1 Delete the section and replace it with: In every required interior exit stairway or exterior exit stairway, a hose connection shall be provided for each story above and below grade plane. Hose connections shall be located at intermediate landing between stories, unless otherwise approved by the Fire Code Official.

SECTION 906 PORTABLE FIRE EXTINGUISHERS

Section 906.1 Delete exception.

Section 906.1 Delete exceptions 1, 2 and 3.

SECTION 907

FIRE ALARM AND DETECTION SYSTEMS

Section 906.3 Add a sentence to the end of the section to read as follows: The minimum size and rating of any required portable fire extinguisher for Class A, Class B, or Class C hazard shall be 5lb. 2-A, 10-B C.

Section 907.1.4 Add a new section to read as follows: Fire alarm control panels and Fire alarm annunciator panels. Installation of fire alarm control panels and fire alarm annunciator panels shall be installed in accordance with section 907.1.4.1 through 907.1.4.5.

Section 907.1.4.1 Add a new section to read as follows: Fire Alarm Panel Height: Installation of fire alarm panels shall not exceed 6 feet in height measured from the floor to the top of the panel.
Exception: Panel height may be altered by the Fire Code Official.

Section 907.1.4.2 Add a new section to read as follows: Number of Fire Alarm Control Panels in Buildings: Only one listed fire alarm control panel shall be allowed per building and shall lock in the alarm until the system is reset and shall not be canceled by the operation of an audible – alarm silencing switch. This control panel shall only receive alarm signals from fire protection equipment.

Section 907.1.4.3 Add a new section to read as follows: Combination Fire/Security Alarm System Panels. A listed combination fire/security alarm system panel that meets all the requirements of this code and amendments may be permitted by approval of the Fire Code Official. The fire/security panel shall be capable of providing a signal that can differentiate between the fire and security alarm.

Section 907.1.4.4 Add a new section to read as follows: Password/PIN Protection Prohibited: Fire alarm control panels and/or fire alarm annunciator panels that require a password/PIN to silence an alarm/supervisory/trouble signal and/or to reset an alarm/supervisory/trouble signal shall be prohibited.

Section 907.1.4.5 Add a new section to read as follows: Fire Alarm Annunciator Panels: The Fire Code Official can require addition fire alarm annunciator panels based on the size of building and access to the building, these panels shall meet the requirements of 907.1.4 and 907.2.

Section 907.2 Delete the section and replace it with: Where required new buildings and structures. An approved and addressable manual, automatic or manual and automatic fire alarm system installed in accordance with the provisions of this code and NFPA 72 shall be provided in new buildings and structures in accordance with Sections 907.2.1 through 907.2.23 and provide occupant notification in accordance with 907.5 unless other requirements are provided by another section of this code. No fewer than one manual fire alarm box shall be provided in an approved location to initiate a fire alarm signal for

fire alarm system employing automatic fire detectors or water-flow devices. Where other sections of this code allow elimination of fire alarm boxes due to sprinklers, a single fire alarm box shall be installed.

Exceptions:

1. The manual fire alarm box is not required for fire alarm systems dedicated to elevator recall control and supervisory service.
2. The manual fire alarm box is required for Group R-2 occupancies to provide a means for fire watch personnel to initiate an alarm during a sprinkler system impairment event. The manual fire alarm box shall not be located in an area that is accessible to the public.
3. Multi-tenant buildings required to have a manual/automatic fire alarms system shall install one manual pull station per tenant space.
4. Visual notification appliances are not required within self-storage units.

Section 907.2.1.3 Add a new section to read as follows: Group A Occupancies. In Group A occupancies, the activation of the fire alarm or fire sprinkler system, shall automatically shut down or stop music, sound systems, conflicting or confusing sounds and visual distractions and initiate illumination of all the means of exit egress components.

Section 907.2.9 Group R-2. Add a sentence at the end to read as follows: An automatic smoke detection system shall be installed throughout all interior corridors and at the top of stairwell enclosures serving sleeping units that activates the occupant notification system in accordance with Section 907.5.

Section 907.2.9.1 Delete exception 2 without substitution.

Section 907.2.11.2 Modify by adding a fourth location requirement as follows:

4) Supervised smoke detectors shall be installed in all common corridors and at the top and bottom of all stairway enclosures in Groups R-2, R-4 and I-1 occupancies. In corridors, detectors shall be located within fifteen (15) feet of the end of the corridor and in such a way that one detector is located for each thirty (30) feet of corridor length or spaced as allowed by the code.

Section 907.2.1.3 Add a new section to read as follows: Group A Occupancies. In Group A occupancies, the activation of the fire alarm or fire sprinkler system, shall automatically shut down or stop music, sound systems, conflicting or confusing sounds and visual distractions and initiate illumination of all the means of exit egress components.

Section 907.4.2 Add a sentence to the end of the section to read as follows: Where in the opinion of the Fire Code Official manual fire alarm boxes may be used to cause false fire alarms, the Fire Code Official is authorized to modify the requirements for manual fire alarm boxes.

Section 907.5.2.1.3.2 Add a sentence to the end of the first sentence to read as follows: single-or multiple station smoke alarms shall be monitored by the fire alarm system as a supervisory signal.

Section 907.6.3 Delete this section and replace it with: Initiating device identification. The fire alarm system shall identify the specific initiating device with an alphanumeric address description showing location, type of device, and status including indication of normal, alarm, trouble, and supervisory, as appropriate. Alphanumeric descriptions and locations shall be reported to the emergency communications center upon activation of an alarm condition as specified by the Fire Code Official.

Exception: Special initiation devices that do not support individual device identification.

Section 907.6.4.3 Add a new section to read as follows: Zone and address location labeling. Fire alarm and/ or annunciator panels shall have all zones and address points plainly and permanently labeled as to their location on the outside of the panel or on an easily readable map of the building if no display is present.

Section 907.6.6 Delete the section and replace it with: Monitoring. Fire alarms required by this chapter, the International Building Code, or the Fire Code Official, an approved UL listed Central Station service in accordance with NFPA 72 shall monitor fire alarm systems to provide for the immediate and automatic notification to the emergency communications center. Each initiating device shall report an address point and an alpha/numeric descriptor showing location, type of device and status including indication of normal, alarm, trouble and supervisory status, as appropriate. Alpha/numeric descriptor shall be required to be reported to the emergency communications center upon activation of alarm conditions as specified by the Fire Code Official.

Exception: Monitoring by a supervising station is not required for:

1. Single- and multiple-station smoke alarms required by Section 907.2.11.
2. Smoke detectors in Group I-3 occupancies.
3. Automatic sprinkler systems in one- and two-family dwellings.
4. Fire alarm systems in one- and two-family dwellings.

Section 907.7.4 Add a new section to read as follows: Device/Zone Map. An easily readable fire alarm device and/ or zone map of the building shall be permanently mounted in or near the fire alarm control panel and documentation cabinet showing the location of all initiating devices when required by the Fire Code Official.

Section 907.11 Add a new section to read as follows: Approved hold-open devices. When installed in buildings that have a fire alarm system and/or sprinkler system, all approved hold open devices shall release upon activation of a fire alarm and sprinkler water-flow activation.

SECTION 912

FIRE DEPARTMENT CONNECTIONS

Section 912.4.1 Delete the sentence and replace it with: Locking fire department connections caps. Locking fire department connections caps approved by the fire department are required for all new construction that have a water-based fire protective system and existing structures that have a water-based fire protective system immediately after conducting the five-year obstruction and maintenance testing or if one or more of the fire department caps are missing.

Section 912.8 Add a section to read as follows: Fire Department Connection Height. The fire department connection shall be located not less than 18 inches from the bottom of the cap(s) and not more than 3 feet from the top of the cap(s) above the level of the adjacent grade or access level. Deviation from this height may be granted by the Fire Code Official for just cause.

Section 912.9 Add a section to read as follows: Size. Minimum fire department connection size shall be 2 ½" National Standard Thread Siamese connection.

CHAPTER 10 – MEANS OF EGRESS

SECTION 1008

MEANS OF EGRESS ILLUMINATION

Section 1008.3, 3.5 Delete and replace with: 5. Restrooms designed for simultaneous use by more than one occupant.

Section 1008.3.3 Add a new section to read as follows. Additional emergency lights: Emergency lights may be required at the discretion of the Fire Code Official for illumination in the event of a power failure.

SECTION 1013

EXIT SIGNS

Section 1013.5 Add a sentence to the end of the section to read as follows: Self-luminous and Photoluminescent exit signs. Self-luminous and photoluminescent exit signs are not allowed in place of hardwired, battery back-up signs.

Section 1013.7 Add a new section to read as follows. Additional Exit Signs: Exit signs may be required at the discretion of the Fire Code Official to clarify an exit or exit access.

CHAPTER 11 – CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS

SECTION 1103
FIRE SAFETY REQUIREMENTS FOR EXISTING BUILDINGS

Section 1103.11 Add a new section to read as follows: Existing fire alarm systems monitoring requirements. Existing fire alarms systems that are currently not monitored by an approved UL listed Central Station shall become monitored within 1 year from receiving notice in accordance with section 907.6.6.

Section 1103.12 Add a new section to read as follows: Existing sprinkler systems monitoring requirements. Existing sprinkler systems shall have all valves controlling the sprinkler system and water flow electrically supervised and monitored by an approved UL listed Central Station in accordance with sections 903.4 and 903.4.1 within 1 year from receiving notice.

CHAPTER 50 – HAZARDOUS MATERIALS – GENERAL PROVISIONS

SECTION 5003
GENERAL REQUIREMENTS

Section 5003.5 Add a sentence to the end of the section to read as follows: Signs shall also comply with the requirements of the Iowa Right to Know law.

CHAPTER 57 – FLAMMABLE AND COMBUSTIBLE LIQUIDS

SECTION 5704
STORAGE

Section 5704.2.9 Add a sentence to the end of the section to read as follows: For above ground storage tanks of 276 gallons capacity or more, the minimum distance between such above ground tanks and any Residential Zone boundary must be at least 100 feet. If the above ground tank is located in an approved vault, the minimum separation distance from a Residential Zone boundary may be reduced to no less than 50 feet.

5704.2.9.6.1 is amended to entire City of Tiffin.
Exception:

Section 5704.2.11.1 Add a #4 to the end of the section to read as follows:
4. A minimum distance of ten (10) feet shall be maintained between underground tanks and any Residential Zone boundary.

Section 5704.2.13.2.4 Add a section to read as follows: Existing above-ground tank hazards. Existing above-ground tank installations, even if previously approved, that are determined to constitute a hazard by the Fire Code Official, shall not be continued in service. Unsafe tanks shall be removed as required by the Fire Code Official and in accordance with this code.

**SECTION 5706
SPECIAL OPERATIONS**

Section 5706.2.4.4 is amended to entire City of Tiffin.

**CHAPTER 58 – FLAMMABLE GASES AND FLAMMABLE CRYOGENIC
FLUIDS**

**SECTION 5806
FLAMMABLE CRYOGENIC FLUIDS**

Section 5806.2 is amended to entire City of Tiffin.

Exception:

CHAPTER 61 – LIQUEFIED PETROLEUM GASES

**SECTION 6104
LOCATION OF LP-GAS CONTAINERS**

Section 6104.2 is amended to entire City of Tiffin.

Exception:

CHAPTER 80 – REFERENCED STANDARDS

Amend the NFPA referenced standards list to reflect the most current NFPA editions.

SECTION D105 – AERIAL FIRE APPARATUS ACCESS ROADS

**SECTION D105.1
WHERE REQUIRED**

D105.1 Where required Delete Exception and replace with:

Exception: Where approved by the fire code official, buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 and having firefighter access through an enclosed stairway with a Class I standpipe from the lowest level of fire department vehicle access to all roof surfaces.

Section 3. Repealer. All ordinances or parts of ordinances in conflict with the provisions of this Ordinance are hereby repealed.

Section 4. Severability Clause. If any section, provision, or part of this ordinance shall be adjudged invalid or unconstitutional, such adjudication shall not affect the validity of the ordinance as a whole or any section, provision or part thereof not adjudged invalid or unconstitutional.

Section 5. When Effective. This ordinance shall be in effect after its final passage, approval, and posting as provided by law.