

ORDINANCE NO. 4802

AN ORDINANCE OF THE CITY OF MESQUITE, TEXAS, AMENDING CHAPTER 6 OF THE MESQUITE CITY CODE, BY REPEALING CHAPTER 6 IN ITS ENTIRETY AND REPLACING WITH A NEW CHAPTER 6 INCLUDING NEW ARTICLE I TO BE TITLED "IN GENERAL" AND NEW ARTICLE II TO BE TITLED "FIRE CODE;" ADOPTING THE 2018 EDITION OF THE INTERNATIONAL FIRE CODE (I.F.C.) AND PROVIDING CERTAIN LOCAL AMENDMENTS THERETO; PROVIDING A REPEALING CLAUSE; PROVIDING A CONFLICTS RESOLUTION CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY IN AN AMOUNT NOT TO EXCEED TWO THOUSAND DOLLARS (\$2,000); PROVIDING FOR PUBLICATION; AND DECLARING AN EFFECTIVE DATE.

WHEREAS, it is the intent of the City Council of the City of Mesquite, Texas ("City Council") to protect the public health, safety, and welfare; and

WHEREAS, the City of Mesquite, Texas, ("City") is a home-rule municipality acting under its Charter adopted, and amended, by the electorate pursuant to Article 11, [Section 5](#) of the Texas Constitution and [Chapter 9](#) of the Texas Local Government Code; and

WHEREAS, a home-rule municipality has full power of local self-government, pursuant to Texas Local Government Code, Title 2, Subtitle D, Chapter 51, [Section 51.072\(a\)](#); and

WHEREAS, the City shall have the power to enact and enforce ordinances necessary to protect health, life and property and to prevent and summarily abate and remove all nuisances, and to preserve and enforce good government and order and security of the City and its inhabitants, pursuant to Article III, [Section 2](#) of the Mesquite City Charter; and

WHEREAS, a home-rule municipality may enforce ordinances necessary to protect health, life, and property and to preserve the good government, order, and security of the municipality and its inhabitants, pursuant to Texas Local Government Code, Title 2, Subtitle D, Chapter 54, [Section 54.004](#), as amended; and

WHEREAS, the City shall have the power to provide for the issuance of permits for erecting all buildings, for the inspection of the construction of buildings in respect to proper wiring for electric lights and other electrical appliances, piping for gas, flues, chimneys, plumbing, and sewer connections; and to enforce proper regulations in regard thereto; and the City shall also have the power to provide for license, permit and inspection fees, pursuant to Article III, [Section 28](#) of the Mesquite City Charter; and

WHEREAS, on July 28, 2020, the Building Standards Board held public hearings to discuss the adoption of the 2018 Edition of the **I.F.C.**, and to receive input from the general public and all persons who may be affected by the proposed adoption; and

WHEREAS, the Building Standards Board, by majority vote, has recommended the City Council adopt the 2018 Edition of the **I.F.C.**, and the additions, deletions, and amendments (“**the local amendments**”) thereto, attached hereto as **EXHIBIT “A”**; and

WHEREAS, upon the favorable recommendation of the Building Standards Board and upon full review and consideration of all matters attendant and related thereto, the City Council is of the opinion that the 2018 Edition of the **I.F.C.**, and the local amendments thereto, should be approved and adopted as the Fire Code of the City of Mesquite, Texas.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MESQUITE, TEXAS:

SECTION 1. Recitals Incorporated. The City Council hereby finds and determines the recitals made in the preamble of this ordinance are true and correct, and hereby incorporates such recitals here in the body of this ordinance as if copied in their entirety.

SECTION 2. MESQUITE CITY CODE TEXT AMENDMENT: Repealing and replacing Chapter 6 of the Mesquite City Code. That Chapter 6 of the Mesquite City Code, as amended, is hereby amended by repealing Chapter 6 in its entirety and adding a new Chapter 6 including new Article I to be titled “IN GENERAL” and new Article II to be titled “FIRE CODE” thereby adopting the [International Fire Code \(I.F.C.\), 2018 Edition](#) and providing certain local amendments thereto, attached hereto as **EXHIBIT “A”** and incorporated herein by reference and made a part hereof, in all other respects said Code to remain in full force and effect.

SECTION 3. Repealing Clause. That all ordinances or portions thereof in conflict with the provisions of this ordinance, to the extent of such conflict, are hereby repealed. To the extent that such ordinances or portions thereof are not in conflict herewith, the same shall remain in full force and effect.

SECTION 4. Conflicts Resolution Clause. In the event of an irreconcilable conflict between the provisions of another previously adopted ordinance of the City of Mesquite and the provisions of this Ordinance, the provisions of this Ordinance shall be controlling.

SECTION 5. Severability Clause. Should any word, sentence, paragraph, subdivision, clause, phrase or section of this ordinance be adjudged or held to be void or unconstitutional, the same shall not affect the validity of the remaining portions of said ordinance and the Mesquite City Code, as hereby or previously amended, which shall remain in full force and effect.

SECTION 6. Savings Clause. An offense committed before the effective date of this Ordinance is governed by prior law and the provisions of the Mesquite City Code, as amended, in effect when the offense was committed, and the former law is continued in effect for this purpose.

SECTION 7. Penalty Clause. Criminal. Any violation of the provisions or terms of this ordinance by any “person,” as defined in Mesquite City Code, Chapter 1, [Section 1-2](#), and as defined in Chapter 2, Section 202 of the [International Fire Code \(I.F.C.\), 2018 Edition](#) shall be deemed a Class C Misdemeanor criminal offense, and upon conviction thereof, shall be subject to a penalty of fine not to exceed TWO THOUSAND (\$2,000.00) dollars for each offense, as provided in Mesquite City Code, Chapter 1, [Section 1-6](#), as amended. **Civil.** The City may also

file a civil action for enforcement of this ordinance with civil penalties up to ONE THOUSAND (\$1,000.00) dollars per day for each offense as authorized by V.T.C.A. Local Government Code, Title 2, Subtitle D, [Chapter 54](#), [Subchapter B](#), as amended. The City may also file any other civil actions for enforcement of this ordinance as authorized by law. **Maximum penalties.** If the maximum penalties provided for by this ordinance for an offense or civil action is greater than the maximum penalty provided for the same offense or civil action under the laws of the State of Texas, the maximum penalty for violation of this ordinance for such offense or civil action shall be the maximum penalty provided by the laws of the State of Texas.

SECTION 8. Publication. This ordinance shall be published in the City's official newspaper in accordance with Mesquite City Charter, Article IV, [Section 24](#).

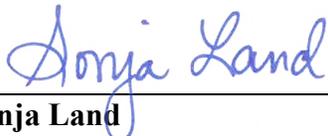
SECTION 9. Effective Date. This ordinance after its passage and publication shall take effect on, and be in force from and after, five (5) days after publication thereof, in accordance with Mesquite City Charter, Article IV, [Section 24](#), and it is accordingly so ordained.

DULY PASSED AND APPROVED by the City Council of the City of Mesquite, Texas, on the **21st day of SEPTEMBER, 2020**.



Bruce Archer
Mayor

ATTEST:



Sonja Land
City Secretary

APPROVED AS TO LEGAL FORM:



David L. Paschall
City Attorney

Editor's note:

[Existing Chapter 6 – "Fire Prevention and Protection" shall be repealed in its entirety and replaced with the following text.]

CHAPTER 6 – FIRE PREVENTION AND PROTECTION

ARTICLE I. – IN GENERAL

Secs. 6-1 — 6-100. - Reserved.

ARTICLE II. – FIRE CODE

DIVISION 1. – GENERALLY

Sec. 6-101. Short title.

This article shall be known and cited as the "Mesquite Fire Code" and may hereinafter be referred to in this article as "this code."

Sec. 6-102. Adopted.

The [International Fire Code \(I.F.C.\), 2018 Edition](#), including Appendix B, Appendix C, and Appendix D attached thereto, publications of the International Code Council (I.C.C.), is hereby adopted by reference and incorporated herein to the same extent as if such code were copied verbatim in this Section, subject to the deletions, additions, and amendments ("the local amendments") prescribed in this article. A copy of the International Fire Code, 2018 Edition, and the local amendments thereto shall be maintained in the Office of the City Secretary.

Sec. 6-103. Penalties.

1. *Criminal penalty.* Any violation of the provisions or terms of this article by any "person," as defined in Mesquite City Code [Section 1-2](#), and as defined in Chapter 2, Section 202 of the [International Fire Code \(I.F.C.\), 2018 Edition](#), shall be deemed a Class C Misdemeanor criminal offense, and upon conviction thereof, shall be subject to a penalty of fine not to exceed TWO THOUSAND (\$2,000) dollars for each offense, as provided in Mesquite City Code [Section 1-6](#), as amended. Each day a violation continues shall constitute a separate offense.

Charter reference – Enforcement of ordinances, [Art. III, § 28](#).

Cross reference – General penalties; applicability; continuing violations, [Sec. 1-6](#).

State law reference – General Enforcement Authority of Municipalities; Penalty, V.T.C.A. Local Government Code, [§ 54.001](#).

2. *Civil penalty.* The City may file any other civil actions for enforcement of this article as authorized by law.

Sec. 6-104. Duties of Fire Prevention Division.

- (1) The International Fire Code shall be enforced by the Fire Prevention Division of the Fire Department of the City of Mesquite, Texas, made up of the Fire Marshal and Inspectors under the supervision of the Chief of the Fire Department.
- (2) The Fire Marshal in charge of the Fire Prevention Division shall be appointed by the Chief with the consent and approval of the City Manager.

- (3) The Chief of the Fire Department may detail such members of the Fire Department as Inspectors as shall from time to time be necessary.

Sec. 6-105. – Conflicts with Federal and State Law.

This article shall be construed and applied under and in accordance with the Constitution and laws of the United States and the State of Texas ("Federal and State law"). For the purpose of this section, Federal and State law include administrative agency interpretative rules required or allowed to be adopted pursuant to law. In the event of a conflict between the International Fire Code or any other provision of the City of Mesquite Code of Ordinances ("Mesquite City Code") and applicable Federal or State law, Federal or State law shall control and the City Code shall be interpreted and applied accordingly.

Secs. 6-106 — 6-150. - Reserved.

DIVISION 2. – AMENDMENTS

Sec. 6-151. – Local Amendments to the International Fire Code, 2018 Edition.

1. *Specific code provisions.* Amendments included in this section are intended to be specific code provisions. If there is a conflict between a provision in the published [International Fire Code \(I.F.C.\), 2018 Edition](#), and this section, the specific provisions of this section shall control.
2. *Table of the local amendments.*
 - a. The following table contains the local amendments to the I.F.C., 2018 Edition.
 - b. Table Legend.
 - (1) Column 1: Item Reference Number
 - (2) Column 2: Related I.F.C. Code Section Number and Title
 - (3) Column 3: Local Amendment to I.F.C.
 - (4) (. . .): Dots (. . .) (i.e. an ellipsis) indicate the omission of intact and unchanged text which has not been reproduced for efficiency purposes. It is intended that the text in the I.F.C., not set forth in this section and instead denoted by dots (. . .), shall remain intact and unchanged from the language existing prior to adoption of this section.
 - (5) (* * *): Asterisks (* * *) indicate the omission of intact and unchanged text which has not been reproduced for efficiency purposes. It is intended that the text in the I.F.C., not set forth in this section and instead denoted by asterisks (* * *), shall remain intact and unchanged from the language existing prior to adoption of this section.

TABLE OF LOCAL AMENDMENTS TO THE 2018 INTERNATIONAL FIRE CODE		
No.	IFC Code Section No. Title	Local Amendment to IFC
01	IFC 101.1 Title.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>101.1 Title. These provisions shall be known as the Fire Code of the City of Mesquite, Texas, ("Mesquite Fire Code") hereinafter referred to as "this code."</p>
02	IFC 102.1 Construction and design provisions.	<p><i>Amend by deleting #3 in its entirety and adding a new #3 to read as follows:</i></p> <p style="text-align: center;">* * *</p> <p style="text-align: center;">3. Existing structures, facilities and conditions when required in Chapter 11 or in specific sections of this code.</p> <p style="text-align: center;">* * *</p>
03	IFC 105.3.3 Occupancy prohibited before approval.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>105.3.3 Occupancy prohibited before approval. The building or structure shall not be occupied prior to the <i>fire code official</i> issuing a <i>permit</i> when required and conducting associated inspections indicating the applicable provisions of this code have been met.</p>
04	IFC 105.7.26 Electronic access control systems.	<p><i>Amend by adding a new section to read as follows:</i></p> <p>105.7.26 Electronic access control systems. Construction <i>permits</i> are required for the installation or modification of an electronic access control system, as specified in Chapter 10 of the International Fire Code, 2018 Edition. A separate construction <i>permit</i> is required for the installation or modification of a fire alarm system that may be connected to the access control system. Maintenance performed in accordance with this code is not considered a modification and does not require a <i>permit</i>.</p>
05	IFC 106.2 Schedule of permit fees.	<p><i>Amend by adding a sentence [after the first and only sentence of the section] to read as follows:</i></p> <p>Schedule of permit fees.</p> <p style="text-align: center;">* * *</p> <p>See Mesquite City Code, Appendix D – <i>Comprehensive Fee Schedule</i>, for applicable fees.</p>

06	IFC 106.5 Refunds.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>IFC 106.5 Refunds. In the case where a fee was paid or collected erroneously, the <i>Fire Code Official</i> shall authorize a one hundred (100) percent refund of said fee. In the case where a fee was paid or collected and when no work was performed under a permit issued in accordance with this Code, the <i>Fire Code Official</i> may authorize a partial refund of eighty (80) percent of the permit fee. The <i>Fire Code Official</i> shall not authorize refunding of any fee paid except on written request filed by the original permittee not later than 180-days from the date of fee payment.</p>
07	IFC 106.6 Permit fees.	<p><i>Amend section by adding a new section to read as follows:</i></p> <p>106.6 Permit fees. All fees identified in this section must be paid before the <i>permit</i> application is considered complete and before any inspection, re-inspection, investigation or outside review begins. All permitted systems and items shall be pre-tested by, or at the direction of, the permit holder before an inspection is scheduled.</p> <p>For a comprehensive listing of the fees related to this code see the <i>Comprehensive Fee Schedule</i> located in the Mesquite City Code, Appendix D. A <i>permit</i> is required before conducting certain activities, including, but not limited to as follows:</p> <ol style="list-style-type: none"> 1. Fire alarm systems. The installation, addition to or alteration of a fire alarm system. Cross reference – Comprehensive Fee Schedule, Sec. 6-101. 2. Fire alarm fees/ False alarm service fees. Cross reference – Comprehensive Fee Schedule, Sec. 6-102. 3. Fire sprinkler systems. The installation, addition to or alteration of a fire sprinkler system. Cross reference – Comprehensive Fee Schedule, Sec. 6-103. 4. Fire suppression systems. The installation of, addition to or alteration of a fire suppression system. Cross reference – Comprehensive Fee Schedule, Sec. 6-103. 5. Underground storage tanks. The installation, removal, addition to, or alteration of underground storage tanks and piping for the storage of hazardous materials especially <i>flammable liquids</i>. Cross reference – Comprehensive Fee Schedule, Sec. 6-104. 6. Aboveground storage tanks. The installation, removal, addition to or alteration of aboveground storage tanks and piping for the storage of hazardous materials especially <i>flammable liquids</i>. Cross reference – Comprehensive Fee Schedule, Sec. 6-104.

		<p>7. Temporary aboveground tanks. Temporary aboveground tanks include: a temporary tank at a construction site.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-104.</p> <p>8. Open burning and trench burning. To conduct open burning or trench burning.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>9. Campfire, flag retirement, or similar event. To conduct a campfire, flag retirement, or similar event a <i>permit</i> is required; however, no fee is required.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>10. Fireworks and Pyrotechnics displays. To conduct <i>fireworks</i> and <i>pyrotechnics</i> displays.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>11. Explosive materials. The storage, use, or <i>detonation</i> of <i>explosive materials</i>.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>12. Access control gates. To install new or alter existing access control gates across access roads and <i>fire lanes</i>.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>13. Electronic access control systems. To install new or alter existing electronic access control systems.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>14. Fire hydrant flow test. To conduct a fire hydrant flow test.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>15. Speed reducing devices. The installation, addition to, or alteration of speed reducing devices.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>16. Re-inspection Fees. Any permit requiring a re-inspection shall be charged a fee (1st re-inspection fee) and there shall also be a fee for each subsequent re-inspection after the first re-inspection.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>17. Certificate of Occupancy inspections. Any occupancy requiring a re-inspection shall be charged a fee (1st re-inspection fee) and there shall also be a fee for each subsequent re-inspection after the first re-inspection.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p>
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		<p>18. Investigation fee. An investigation shall be made whenever any work for which a <i>permit</i> is required by this code has commenced without first obtaining a <i>permit</i>. An investigation fee, in addition to the <i>permit</i> fee, is required whether or not a <i>permit</i> is subsequently issued. The payment of the investigation fee shall not exempt any <i>person</i> from compliance with all other provisions of this code nor from any penalty prescribed by law.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>19. Third party review fee. A third-party review process shall be used for <i>permit</i> submittals with fire system technology not normally permitted. An impartial third party shall be selected by the <i>fire code official</i> and have extensive experience and knowledge in the field to be reviewed. A third-party review fee is required in addition to the <i>permit</i> fee. The third-party review fee shall be the cost of the review plus associated shipping or courier cost.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>20. Inspection after normal business hours fee. Inspections may be conducted after hours or on Saturdays at the request of a contractor if inspection personnel are available.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>21. Inspections not part of the permitting process. An occupancy inspection not part of the permitting process shall be charged a re-inspection fee after the first re-inspection and for each subsequent re-inspection.</p> <p>Cross reference – Comprehensive Fee Schedule, Sec. 6-105.</p> <p>Exception: <i>Permit</i> fees shall not be required on work on any building or structure, the title to which is directly vested in the federal government, state, county, city, or a public-school district.</p>
08	IFC SECTION 109 Appeals.	<p><i>Amend section in its entirety to read as follows:</i></p> <p style="text-align: center;">SECTION 109 APPEALS</p> <p>109.1. General. Any person shall have the right to appeal a decision, relative to the application and interpretation of this code, of the <i>Fire Code Official</i> to the Building Standards Board, established in Mesquite City Code Section 5-5, according to the appeal procedures and time for filing set forth therein.</p>
09	IFC 110.1 Unlawful acts.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>110.1 Unlawful acts. It shall be unlawful for any person, firm, corporation, or entity to erect, construct, alter, extend, repair, move, remove, demolish, or occupy any building, structure, or equipment regulated by this code, or cause same to be done, in conflict with, or in violation of, any of the provisions of this code.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
 International Fire Code (I.F.C.), 2018 Edition
 Page 7 of 42

10	IFC 110.3.3 Prosecution of failure to promptly comply with Notice of Violation.	<p><i>Amend section title and section in its entirety to read as follows:</i></p> <p>110.3.3. Prosecution of failure to promptly comply with Notice of Violation. Failure to promptly comply with notice of violation issued by the <i>fire code official</i> shall constitute a separate violation of this code and may be prosecuted as such by the City. This section shall not be construed as requiring notification, or any other condition, to any proceeding seeking to address any violation of the provisions of this code.</p>
11	IFC 110.4 Violation penalties.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>110.4 Violation penalties. Any person who violates a provision of this code, or fails to comply with any of the requirements thereof, or who erects, constructs, alters or repairs a building or structure in violation of the <i>approved construction documents</i> or directive of the <i>fire code official</i>, or of a permit or certificate issue under the provisions of this code shall be subject to penalties as prescribed by law and herein in this Article.</p> <p>Nothing in this code shall be construed to interfere, inhibit, or otherwise affect the pursuit of legal remedies or proceedings to restrain, correct, abate, or otherwise address any violation of this code, or to remove or terminate unlawful occupancy of a premises in violation of the provisions of this code.</p>
12	IFC 112.4 Failure to comply.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>112.4 Failure to comply. It shall be unlawful for any <i>person</i> to 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.</p>
13	IFC SECTION 202 General Definitions.	<p><i>Amend section by changing the name and definition of "Ambulatory Care Facility" to read as follows:</i></p> <p>AMBULATORY HEALTH CARE FACILITY. Buildings or portions thereof used to provide medical, surgical, psychiatric, nursing, or similar care on a less than 24-hour basis to persons who are rendered incapable of self-preservation by the services provided or staff has accepted responsibility for care recipients already incapable. This group may include but not be limited to the following:</p> <ul style="list-style-type: none"> - Dialysis centers - Procedures involving sedation - Sedation dentistry - Surgery centers - <i>Colonic centers</i> - <i>Psychiatric centers</i>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 8 of 42

14	IFC SECTION 202 General Definitions.	<p><i>Amend section by changing the definition to read as follows:</i></p> <p>ATRIUM. An opening connecting three or more stories other than enclosed <i>stairways</i>, elevators, hoistways, escalators, plumbing, electrical, air-conditioning or other equipment, which is closed at the top and not defined as a mall. Stories, as used in this definition, do not include balconies within assembly groups or mezzanines that comply with Section 505 of the <i>International Building Code</i>.</p>
15	IFC SECTION 202 General Definitions.	<p><i>Amend section by adding a new definition to read as follows:</i></p> <p>DEFEND IN PLACE. A method of emergency response that engages building components and trained staff to provide occupant safety during an emergency. Emergency response involves remaining in place, relocating within the building, or both, without evacuating the building.</p>
16	IFC SECTION 202 General Definitions.	<p><i>Amend section by changing the definition to read as follows:</i></p> <p>FIRE WATCH. A temporary measure intended to ensure continuous and systematic surveillance of a building or portion thereof by one or more qualified individuals or <i>standby personnel</i> when required by the <i>fire code official</i>, for the purposes of identifying and controlling fire hazards, detecting early signs of unwanted fire, raising an alarm of fire and notifying the fire department.</p>
17	IFC SECTION 202 General Definitions.	<p><i>Amend by deleting the first paragraph of fireworks and adding a new first paragraph to read as follows:</i></p> <p>FIREWORKS. Any composition or device for the purpose of producing a visible or an audible effect for entertainment purposes by combustion, deflagration, detonation, and/or activated by ignition with a match or other heat-producing device that meets the definition of 1.3G fireworks or 1.4G fireworks as set forth herein.</p> <p style="text-align: center;">* * *</p> <p><i>The definitions for Fireworks 1.3G, and Fireworks 1.4G remain unchanged.</i></p>
18	IFC SECTION 202 General Definitions.	<p><i>Amend by adding a second paragraph to read as follows:</i></p> <p>HIGH-PILED COMBUSTIBLE STORAGE. Storage of combustible materials . . .</p> <p style="text-align: center;">* * *</p> <p>Any building classified as a group S Occupancy or Speculative Building exceeding 6,000 sq. ft. that has a clear height in excess of 14 feet, making it possible to be used for storage in excess of 12 feet, shall be considered to be high-piled storage. When a specific product cannot be identified, a fire protection system and life safety features shall be installed as for Class IV commodities, to the maximum pile height.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 9 of 42

19	IFC SECTION 202 General Definitions.	<p><i>Amend section by changing the definition to read as follows:</i></p> <p>HIGH-RISE BUILDING. A building with an occupied floor located more than 55 feet above the lowest level of fire department vehicle access.</p>
20	IFC SECTION 202 General Definitions.	<p><i>Amend section by changing the definition to read as follows:</i></p> <p>REPAIR GARAGE. A building, structure or portion thereof used for servicing or repairing motor vehicles. This occupancy shall also include garages involved in minor repair, modification and servicing of motor vehicles for items such as lube changes, inspections, windshield repair or replacement, shocks, minor part replacement, and other such minor repairs.</p>
21	IFC SECTION 202 General Definitions.	<p><i>Amend section by adding a new definition to read as follows:</i></p> <p>SELF-SERVICE STORAGE FACILITY. Real property designed and used for the purpose of renting or leasing individual storage spaces to customers for the purpose of storing and removing personal property on a self-service basis.</p>
22	IFC SECTION 202 General Definitions.	<p><i>Amend section by adding a new definition to read as follows:</i></p> <p>STANDBY PERSONNEL. Qualified fire service personnel, approved by the Fire Chief. When utilized, the number required shall be as directed by the Fire Chief. Charges for utilization shall be as normally calculated by the jurisdiction.</p>
23	IFC SECTION 202 General Definitions.	<p><i>Amend section by adding a new definition to read as follows:</i></p> <p>UPGRADED OR REPLACED FIRE ALARM SYSTEM. A fire alarm system that is upgraded or replaced includes, but is not limited to the following:</p> <ul style="list-style-type: none"> - Replacing on single board or fire alarm control unit component with a newer model - Installing a new fire alarm control unit in addition to or in place of an existing one - Conversion from a horn system to an emergency voice/alarm communication system. - Conversion from a conventional system to one that utilizes addressable or analog devices <p>The following are not considered an upgrade or replacement:</p> <ul style="list-style-type: none"> - Firmware updates - Software updates - Replacing boards of the same model with chips utilizing the same or newer firmware

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 10 of 42

24	IFC 307.1.1 Prohibited open burning.	<p><i>Amend by deleting the first paragraph and adding a new first paragraph to read as follows:</i></p> <p>307.1.1 Prohibited open burning. Open burning that is offensive or objectionable because of smoke emissions or when atmospheric conditions or local circumstances make such fires hazardous shall be prohibited.</p> <p style="text-align: center;">* * *</p> <p><i>The exception remains unchanged.</i></p>
25	IFC 307.2 Permit required.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>307.2 Permit required. A <i>permit</i> shall be obtained from the <i>fire code official</i> in accordance with Section 105.6 prior to kindling a fire for recognized silvicultural or range or wildlife management practices, prevention or control of disease or pests, or <i>open burning</i>. Application for such approval shall only be presented by and <i>permits</i> issued to the <i>owner</i> of the land upon which the fire is to be kindled.</p> <p>Examples of state or local law, or regulations referenced elsewhere in this section may include but not be limited to the following:</p> <ol style="list-style-type: none"> 1. Texas Commission on Environmental Quality (TCEQ) guidelines and/or restrictions. 2. State, County or Local temporary or permanent bans on <i>open burning</i>. 3. Local written policies as established by the <i>fire code official</i>.
26	IFC 307.3 Extinguishment authority.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>307.3 Extinguishment authority. The <i>fire code official</i> is authorized to order the extinguishment by the permit holder, another person responsible or the fire department of open burning that creates or adds to a hazardous or objectionable situation.</p>
27	IFC 307.4 Location.	<p><i>Amend section by deleting the first paragraph and adding a new first paragraph to read as follows:</i></p> <p>307.4 Location. The location for <i>open burning</i> shall not be less than 300 feet from any structure, and provisions shall be made to prevent the fire from spreading to within 300 feet of any structure.</p> <p style="text-align: center;">* * *</p> <p><i>The exceptions remain unchanged.</i></p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 11 of 42

28	IFC 307.4.3. Portable outdoor fireplaces.	<p><i>Amend section by deleting the exception in its entirety and adding new exceptions to read as follows:</i></p> <p>307.4.3. Portable outdoor fireplaces.</p> <p style="text-align: center;">* * *</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Portable outdoor fireplaces used at one- and two-family <i>dwellings</i>. 2. Where buildings, balconies and decks are protected by an <i>approved automatic sprinkler system</i>.
29	IFC 307.4.4 Permanent outdoor firepit.	<p><i>Amend by adding a new section to read as follows:</i></p> <p>307.4.4 Permanent Outdoor Firepit. Permanently installed outdoor firepits for recreational fire purposes shall not be installed within 10 feet of a structure or combustible material.</p> <p>Exception: Permanently installed outdoor fireplaces constructed in accordance with the International Building Code.</p>
30	IFC 307.4.5 Trench Burns.	<p><i>Amend by adding a new section to read as follows:</i></p> <p>307.4.5 Trench Burns. Trench burns shall be conducted in air curtain trenches and in accordance with Section 307.2.</p>
31	IFC 307.5 Attendance.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>307.5 Attendance. <i>Open burning, trench burns, bonfires or recreational fires, and use of portable outdoor fireplaces</i> shall be constantly attended until the fire is extinguished. A minimum of one portable fire extinguisher complying with Section 906 with a minimum 4-A rating or other <i>approved</i> on-site fire-extinguishing equipment such as dirt, sand, water barrel, garden hose or water truck, shall be available for immediate utilization.</p>
32	IFC 308.1.4 Open-flame cooking devices.	<p><i>Amend by deleting the first paragraph and adding a new first paragraph to read as follows:</i></p> <p>308.1.4 Open-flame cooking devices. Open-flame cooking devices, charcoal grills and other similar devices used for cooking shall not be located or used on combustible balconies, decks or within 10 feet of combustible construction.</p> <p style="text-align: center;">* * *</p> <p><i>The exceptions remain unchanged.</i></p>

33	IFC 308.1.6.2 Portable fueled open-flame devices.	<p><i>Amend section by deleting Exception #3 in its entirety and adding a new Exception #3 to read as follows:</i></p> <p>IFC 308.1.6.2 Portable fueled open-flame devices.</p> <p style="text-align: center;">* * *</p> <p style="text-align: center;">Exceptions:</p> <p style="text-align: center;">* * *</p> <p style="padding-left: 40px;">3. Torches or flame-producing devices in accordance with Section 308.1.3.</p> <p style="text-align: center;">* * *</p>
34	IFC 308.1.6.3 Sky lanterns.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>308.1.6.3 Sky lanterns. A person shall not release or cause to be released an unmanned free-floating device containing an open flame or other heat source, such as, but not limited to, a sky lantern.</p>
35	IFC 311.5 Placards.	<p><i>Amend by deleting the first paragraph and adding a new first paragraph to read as follows:</i></p> <p>311.5 Placards. The <i>fire code official</i> is authorized to require marking of any vacant or abandoned buildings or structures determined to be unsafe pursuant to Section 110 of this code relating to structural or interior hazards, as required by Section 311.5.1 through 311.5.5.</p> <p style="text-align: center;">* * *</p>
36	IFC 403.5 Group E occupancies.	<p><i>Amend by deleting the first paragraph and adding a new first paragraph to read as follows:</i></p> <p>403.5 Group E occupancies. An approved fire safety and evacuation plan in accordance with Section 404 shall be prepared and maintained for Group E occupancies and for buildings containing both a Group E occupancy and an atrium. A diagram depicting two evacuation routes shall be posted in a conspicuous location in each classroom. Group E occupancies shall also comply with Sections 403.5.1 through 403.5.3.</p> <p style="text-align: center;">* * *</p>
37	IFC 404.2.2 Fire safety plans.	<p><i>Amend section by adding a new Item 4.10 to read as follows:</i></p> <p>404.2.2. Fire safety plans. Fire safety plans shall include the following:</p> <p style="text-align: center;">* * *</p> <p style="padding-left: 40px;">4.10. Fire extinguishing system controls.</p> <p style="text-align: center;">* * *</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 13 of 42

38	IFC 405.4 Time.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>405.4 Time. The <i>fire code official</i> may require an evacuation drill at any time. Drills shall be held at unexpected times and under varying conditions to simulate the unusual conditions that occur in case of fire.</p>
39	IFC 501.4 Timing of installation.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>501.4 Timing of installation. When <i>fire apparatus access roads</i> or a water supply for fire protection is required to be installed for any structure or development, they shall be installed, tested, and <i>approved</i> prior to the time of which construction has progressed beyond completion of the foundation of any structure.</p>
40	IFC 503.1.1. Buildings and facilities.	<p><i>Amend section by adding two sentences at the end of the first paragraph of Section 503.1.1 to read as follows:</i></p> <p>503.1.1. Buildings and facilities.</p> <p style="text-align: center;">* * *</p> <p>Except for one- or two-family <i>dwelling</i>s, the path of measurement shall be along a minimum of a ten feet (10') wide unobstructed pathway around the external walls of the structure.</p> <p>An existing <i>fire lane</i> shall not be altered, abandoned or obstructed without the approval of the <i>fire code official</i> and only upon a showing that adequate fire protection will not be compromised.</p> <p>Exceptions:</p> <p style="text-align: center;">* * *</p> <p><i>The exceptions remain unchanged.</i></p>
41	IFC 503.2.1 Dimensions.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>503.2.1 Dimensions. <i>Fire apparatus access roads</i> shall have an unobstructed width of not less than 24 feet, exclusive of shoulders, except for <i>approved</i> security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 14 feet.</p> <p>Exception: Vertical clearance may be reduced provided such reduction does not impair access by fire apparatus and <i>approved</i> signs are installed and maintained indicating the established vertical clearance when <i>approved</i>.</p>
42	IFC 503.2.2 Authority.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>503.2.2 Authority. The <i>fire code official</i> shall have the authority to require an increase in the minimum access widths and vertical clearances where they are inadequate for fire or rescue operations.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 14 of 42

43	IFC 503.2.3 Surface.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>503.2.3 Surface. Fire apparatus access roads shall be designed and maintained to support imposed loads of 80,000 pounds for fire apparatus and shall be surfaced so as to provide all-weather driving capabilities.</p>
44	IFC 503.3 Marking.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>503.3 Marking. Striping, signs, or other markings, when approved by the <i>fire code official</i>, shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. Striping, signs and other markings shall be maintained in a clean and legible condition at all times and be replaced or repaired when necessary to provide adequate visibility.</p> <ol style="list-style-type: none"> 1. Striping. <i>Fire apparatus access roads</i> shall be continuously marked by painted lines of red traffic paint six inches (6") in width to show the boundaries of the lane. The words "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" shall appear in four-inch (4") white letters at 25-foot intervals on the red border markings along both sides of the <i>fire lanes</i>. Where a curb is available, the striping shall be on the vertical face of the curb. 2. Signs. Signs shall read "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" and shall be 12 inches wide and 18 inches high. Signs shall be painted on a white background with letters and borders in red using not less than two-inch lettering. Signs shall be permanently affixed to a stationary post and the bottom of the sign shall be six feet, six inches above finished grade. Signs shall be spaced not more than 50 feet apart along both sides of the <i>fire lane</i>. Signs may be installed on permanent buildings or walls or as <i>approved by the Fire Chief</i>.
45	IFC 503.4 Obstruction of fire apparatus access roads.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>503.4 Obstruction of fire apparatus access roads. <i>Fire apparatus access roads</i> shall not be obstructed in any manner, including the parking of vehicles. The minimum widths and clearances established in Section 503.2.1 and any area marked as a fire lane as described in Section 503.3 shall be maintained at all times.</p>
46	IFC 503.4.1. Traffic calming devices.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>503.4.1. Traffic calming devices. Traffic calming devices, except for those designed specifically to accommodate fire apparatus turning movements and which maintain a clear lane width of at least 11 feet, shall be prohibited unless approved by the <i>Fire Code Official</i>.</p>
47	IFC 503.4.2 Loading zone.	<p><i>Amend by adding new section to read as follows:</i></p> <p>503.4.2 Loading zone. A loading zone cannot coexist with a <i>fire lane</i>. A loading zone shall not be established within a <i>fire lane</i>.</p>

48	IFC 503.6. Security gates.	<p><i>Amend by adding the following text at the end of the existing section to read as follows:</i></p> <p>503.6. Security gates.</p> <p style="text-align: center;">* * *</p> <p>Security gates across access roads shall meet the requirements of Mesquite Fire Department Rules and Regulations, Gates across Fire Lanes. A Mesquite Fire Department <i>permit</i> is required prior to the installation of a gate across an access road.</p>
49	IFC 505.1 Address identification.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>505.1 Address identification. New and existing buildings shall be provided with <i>approved</i> address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 6 inches high with a minimum stroke width of 1/2 inch. Where required by the <i>fire code official</i>, address numbers shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road, buildings do not immediately front a street, and/or the building cannot be viewed from the public way, a monument, pole or other sign with approved 6-inch height building numerals or addresses and 4-inch height suite/apartment numerals of a color contrasting with the background of the building or other approved means shall be used to identify the structure. Numerals or addresses shall be posted on a minimum 20-inch by 30-inch background on border. Address identification shall be maintained.</p> <p>Exception: R-3 Single Family occupancies shall have <i>approved</i> numerals of a minimum 3½ inches in height and a color contrasting with the background clearly visible and legible from the street fronting the property and rear alleyway where such alleyway exists.</p>
50	IFC 506.1.3 Key box.	<p><i>Amend by adding new section to read as follows:</i></p> <p>506.1.3 Key box. A <i>key box</i> shall be provided on each occupancy with a fire alarm system or fire sprinkler system that initiates an <i>automatic</i> fire department response. The <i>key box</i> shall contain keys for each locked doorway within the building and each elevator. The keys shall be identified as to the corresponding locks.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 16 of 42

51	IFC 507.4 Water supply test date and information.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>507.4 Water supply test date and information. The water supply test used for hydraulic calculation of fire protection systems shall be conducted in accordance with NFPA 291 "Recommended Practice for Fire Flow Testing and Marking of Hydrants" and within one year of sprinkler plan submittal. The <i>fire code official</i> shall be notified prior to the water supply test. Water supply tests shall be witnessed by the <i>fire code official</i>, as required. The exact location of the static/residual hydrant and the flow hydrant shall be indicated on the design drawings. All fire protection plan submittals shall be accompanied by a hard copy of the waterflow test report, or as <i>approved</i> by the <i>fire code official</i>. The report must indicate the dominant water tank level at the time of the test and the maximum and minimum operating levels of the tank, as well, or identify applicable water supply fluctuation. The licensed contractor must then design the <i>fire protection system</i> based on this fluctuation information, as per the applicable referenced NFPA standard. Reference Section 903.3.5 for additional design requirements.</p>
52	IFC 507.5.4 Obstruction.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>507.5.4 Obstruction. Unobstructed access to fire hydrants shall be maintained at all times. Posts, fences, vehicles, growth, trash, storage and other materials or objects shall not be placed or kept near fire hydrants, fire department inlet connections or <i>fire protection system</i> control valves in a manner that would prevent such equipment or fire hydrants from being immediately discernible. The fire department shall not be deterred or hindered from gaining immediate access to fire protection equipment or fire hydrants.</p>
53	IFC 509.1.2 Sign requirements.	<p><i>Amend by adding new section to read as follows:</i></p> <p>509.1.2 Sign requirements. Unless more stringent requirements apply, lettering for signs required by this section shall have a minimum height of two (2) inches when located inside a building and four (4) inches when located outside, or as <i>approved</i> by the <i>fire code official</i>. The letters shall be of a color that contrasts with the background.</p>
54	IFC 603.3.1 Fuel oil storage in outside, above-ground tanks.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>603.3.1 Fuel oil storage in outside, above-ground tanks. Where connected to a fuel-oil piping system, the maximum amount of fuel oil storage allowed outside above ground without additional protection shall be 660 gallons (2498 L). The storage of fuel oil above ground in quantities exceeding 660 gallons (2498 L) shall comply with NFPA 31 and Chapter 57.</p>
55	IFC 603.3.2 Fuel oil inside buildings.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>603.3.2 Fuel oil inside buildings. Fuel oil storage inside buildings shall comply with Sections 603.3.2.1 through 603.3.2.5 and Chapter 57.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 17 of 42

56	IFC 603.3.2.1 Quantity limits.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>603.3.2.1 Quantity limits. One or more fuel oil storage tanks containing Class II or III combustible liquid shall be permitted in a building. The aggregate capacity of all tanks shall not exceed the following:</p> <ol style="list-style-type: none"> 1. 660 gallons in unsprinklered buildings, where stored in a tank complying with UL 80, UL 142 or UL 2085 for Class III liquids, and also listed as a double-wall/secondary containment tank for Class II liquids. 2. 1,320 gallons (4996 L) in buildings equipped with an <i>automatic sprinkler</i> system in accordance with Section 903.3.1.1, where stored in a tank complying with UL 142 or UL 2085 as a double-wall/secondary containment tank. 3. 3000 gallons (11 356 L) where stored in protected above-ground tanks complying with UL 2085 and Section 5704.2.9.7 and the room is protected by an <i>automatic sprinkler system</i> in accordance with Section 903.3.1.1.
57	IFC 807.5.2.2 Artwork in Corridors.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>807.5.2.2 Artwork in Corridors. Artwork and teaching materials shall be limited on the walls of <i>corridors</i> to not more than 20 percent of the wall area. Such materials shall not be continuous from floor to ceiling or wall to wall. Curtains, draperies, wall hangings and other <i>decorative material</i> suspended from the walls or ceilings shall meet the flame propagation performance criteria of NFPA 701 in accordance with Section 807 or be noncombustible.</p> <p style="text-align: center;">Exception: <i>Corridors</i> protected by an <i>approved automatic sprinkler system</i> installed in accordance with Section 903.3.1.1 shall be limited to 50 percent of the wall area.</p>
58	IFC 807.5.2.3 Artwork in Classrooms.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>807.5.2.3 Artwork in Classrooms. Artwork and teaching materials shall be limited on the walls of classrooms to not more than 50 percent of the specific wall area to which they are attached. Curtains, draperies, wall hangings and other <i>decorative material</i> suspended from the walls or ceilings shall meet the flame propagation performance criteria of NFPA 701 in accordance with Section 807 or be noncombustible.</p>

59	IFC 807.5.5.2 Artwork in Corridors.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>807.5.5.2 Artwork in Corridors. Artwork and teaching materials shall be limited on the walls of <i>corridors</i> to not more than 20 percent of the wall area. Such materials shall not be continuous from floor to ceiling or wall to wall. Curtains, draperies, wall hangings and other <i>decorative material</i> suspended from the walls or ceilings shall meet the flame propagation performance criteria of NFPA 701 in accordance with Section 807 or be noncombustible.</p> <p style="text-align: center;">Exception: <i>Corridors</i> protected by an <i>approved automatic sprinkler system</i> installed in accordance with Section 903.3.1.1 shall be limited to 50 percent of the wall area.</p>
60	IFC 807.5.5.3 Artwork in Classrooms.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>807.5.5.3 Artwork in Classrooms. Artwork and teaching materials shall be limited on the walls of classrooms to not more than 50 percent of the specific wall area to which they are attached. Curtains, draperies, wall hangings and other <i>decorative material</i> suspended from the walls or ceilings shall meet the flame propagation performance criteria of NFPA 701 in accordance with Section 807 or be noncombustible.</p>
61	IFC 901.6.1.1 Standpipe testing.	<p><i>Amend by adding new section to read as follows:</i></p> <p>901.6.1.1 Standpipe testing. Building <i>owners/managers</i> must maintain and test standpipe systems as per NFPA 25 requirements. The following additional requirements shall be applied to the testing that is required every five years:</p> <ol style="list-style-type: none"> 1. The piping between the Fire Department Connection (FDC) and the standpipe shall be backflushed or inspected by approved camera when foreign material is present, or when caps are missing and also hydrostatically tested for all FDCs on any type of standpipe system. Hydrostatic testing shall also be conducted in accordance with NFPA 25 requirements for the different types of standpipe systems. 2. For any manual (dry or wet) standpipe system not having an automatic water supply capable of flowing water through the standpipe, the tester shall connect hose from a fire hydrant or portable pumping system (as approved by the <i>fire code official</i>) to each FDC, and flow water through the standpipe system to the roof outlet to verify that each inlet connection functions properly. Confirm that there are no open hose valves prior to introducing water into a dry standpipe. There are no required pressure criteria at the outlet. Verify that check valves function properly and that there are no closed control valves on the system. 3. Any pressure relief, reducing, or control valves shall be tested in accordance with the requirements of NFPA 25. All hose valves shall be exercised.

		<ol style="list-style-type: none"> 4. If the FDC is not already provided with <i>approved</i> caps, the contractor shall install such caps for all FDCs as required by the <i>fire code official</i>. 5. Upon successful completion of standpipe test, place a blue tag (as per Texas Administrative Code, Fire Sprinkler Rules for Inspection, Test and Maintenance Service (ITM) Tag) at the bottom of each standpipe riser in the building. The tag shall be check-marked as "Fifth Year" for Type of ITM, and the note on the back of the tag shall read "5 Year Standpipe Test" at a minimum. 6. The procedures required by Texas Administrative Code Fire Sprinkler Rules with regard to Yellow Tags and Red Tags or any deficiencies noted during the testing, including the required notification of the local authority having jurisdiction (<i>fire code official</i>) shall be followed. 7. Additionally, records of the testing shall be maintained by the <i>owner</i> and contractor, if applicable, as required by the State Rules mentioned above and NFPA 25. 8. Standpipe system tests where water will be flowed external to the building shall not be conducted during freezing conditions or during the day prior to expected night time freezing conditions. 9. Contact the <i>fire code official</i> for requests to remove existing fire hose from Class II and III standpipe systems where employees are not trained in the utilization of this firefighting equipment. All standpipe hose valves must remain in place and be provided with an <i>approved</i> cap and chain when approval is given to remove hose by the <i>fire code official</i>.
62	IFC 901.6.4 False Alarms and nuisance alarms.	<p><i>Amend by adding new section to read as follows:</i></p> <p>901.6.4 False alarms and nuisance alarms. False alarms and nuisance alarms shall not be given, signaled or transmitted or caused or permitted to be given, signaled or transmitted in any manner.</p>
63	IFC 901.7 Systems out of service.	<p><i>Amend by deleting the first paragraph and adding a new first paragraph to read as follows:</i></p> <p>901.7 Systems out of service. Where a required <i>fire protection system</i> is out of service or in the event of an excessive number of activations, the Fire Department and the <i>fire code official</i> shall be notified immediately and, where required by the <i>fire code official</i>, the building shall either be evacuated or an <i>approved fire watch</i> shall be provided for all occupants left unprotected by the shutdown until the <i>fire protection system</i> has been returned to service.</p> <p style="text-align: center;">* * *</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 20 of 42

64	IFC 903.1.1 Alternative protection.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>903.1.1 Alternative protection. Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted in addition to automatic sprinkler protection where recognized by the applicable standard, or as <i>approved by the fire code official.</i></p>
65	IFC 903.1.2 Residential systems.	<p><i>Amend by adding new section to read as follows:</i></p> <p>903.1.2 Residential systems. The installation of NFPA 13R sprinkler systems is prohibited. Where such reference is found in this code, NFPA 13 sprinkler system materials, design and installation shall be installed instead of NFPA 13R. Sprinkler coverage of voids between floors as required by NFPA 13 may be omitted when replacing a NFPA 13R system.</p>
66	IFC 903.2. Where required.	<p><i>Amend by adding a second paragraph to read as follows and delete the exception in its entirety:</i></p> <p>903.2. Where required.</p> <p style="text-align: center;">* * *</p> <p>Automatic sprinklers shall not be installed in elevator machine rooms, elevator machine spaces, and elevator hoistways, other than pits where such sprinklers would not necessitate shunt trip requirements under any circumstances. Storage shall not be allowed within the elevator machine room. Signage shall be provided at the entry doors to the elevator machine room indicating "ELEVATOR MACHINERY – NO STORAGE ALLOWED."</p> <p><i>The exception is deleted.</i></p> <p style="text-align: center;">* * *</p> <p><i>Sections 903.2.1 through 903.2.1.7 remain unchanged.</i></p>
67	IFC 903.2.9.3 Self-service storage facility.	<p><i>Amend by adding new section to read as follows:</i></p> <p>903.2.9.3 Self-service storage facility. An <i>automatic sprinkler system</i> shall be installed throughout all self-service storage facilities.</p>
68	IFC 903.2.11.3 Buildings 35 feet or more in height.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>903.2.11.3 Buildings 35 feet or more in height. An <i>automatic sprinkler system</i> shall be installed throughout buildings that have one or more stories, other than penthouses in compliance with Section 1510 of the <i>International Building Code</i>, located 35 feet or more above the lowest level of fire department vehicle access, measured to the finished floor.</p> <p>Exception: Open parking structures in compliance with Section 406.5 of the <i>International Building Code</i>, having no other occupancies above the subject garage.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 21 of 42

69	IFC 903.2.11.7 High-piled combustible storage.	<p><i>Amend by adding new section to read as follows:</i></p> <p>903.2.11.7 High-piled combustible storage. For any building with a clear height exceeding 12 feet, see Chapter 32 to determine if those provisions apply.</p>
70	IFC 903.2.11.8 Spray booths and rooms.	<p><i>Amend by adding new section to read as follows:</i></p> <p>903.2.11.8 Spray booths and rooms. New and existing spray booths and spraying rooms shall be protected by an <i>approved automatic fire-extinguishing system</i>.</p>
71	IFC 903.2.11.9 Buildings over 6,000 square feet.	<p><i>Amend by adding new section to read as follows:</i></p> <p>903.2.11.9 Buildings over 6,000 square feet. An <i>automatic sprinkler system</i> shall be installed throughout all buildings with a building area over 6,000 square feet or greater and in all existing buildings that are enlarged to be 6,000 square feet or greater. For the purpose of this provision, <i>fire walls</i> shall not define separate buildings.</p> <p style="text-align: center;">Exception: <i>Open parking garages</i> in compliance with Section 406.5 of the <i>International Building Code</i> and aircraft hangars in compliance with Section 914.8 of the <i>International Fire Code</i>.</p>
72	IFC 903.3.1.1.1 Exempt locations.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>903.3.1.1.1 Exempt locations. When <i>approved</i> by the <i>fire code official</i>, automatic sprinklers shall not be required in the following rooms or areas where such rooms or areas are protected with an <i>approved</i> automatic fire detection system in accordance with Section 907.2 that will respond to visible or invisible particles of combustion. Sprinklers shall not be omitted from any room merely because it is damp, of fire-resistance-rated construction or contains electrical equipment.</p> <ol style="list-style-type: none"> 1. Any room where the application of water, or flame and water, constitutes a serious life or fire hazard. 2. Any room or space where sprinklers are considered undesirable because of the nature of the contents when <i>approved</i> by the <i>fire code official</i>. 3. Generator and transformer rooms, under the direct control of a public utility, separated from the remainder of the building by walls and floor/ceiling or roof/ceiling assemblies having a <i>fire-resistance rating</i> of not less than two hours. 4. Elevator machine rooms, machinery spaces, and hoistways, other than pits where such sprinklers would not necessitate shunt trip requirements under any circumstances.

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 22 of 42

73	IFC 903.3.1.2 NFPA 13R sprinkler systems.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>903.3.1.2 NFPA 13R sprinkler systems. The installation of NFPA 13R sprinkler systems is prohibited. Where such reference is found in this code, NFPA 13 sprinkler system materials, design and installation shall be installed instead of NFPA 13R. Sprinkler coverage of voids between floors as required by NFPA 13 may be omitted when replacing a NFPA 13R system.</p>
74	IFC 903.3.1.2.3 Attached Garages and Attics.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>903.3.1.2.3 Attached Garages and Attics. Sprinkler protection is required in attached garages, and in the following attic spaces.</p> <ol style="list-style-type: none"> 1. Attics that are used or intended for living purposes or storage shall be protected by an automatic sprinkler system. 2. Where fuel-fired equipment is installed in an unsprinklered attic, not fewer than one quick-response intermediate temperature sprinkler shall be installed above the equipment. 3. Attic spaces of buildings that are two or more stories in height above grade plane or above the lowest level of fire department vehicle access. 4. Group R-4, Condition 2 occupancy attics not required by Item 1 or 3 to have sprinklers shall comply with one of the following: <ol style="list-style-type: none"> 4.1. Provide automatic sprinkler system protection. 4.2. Provide a heat detection system throughout the attic that is arranged to activate the building fire alarm system. 4.3. Construct the attic using noncombustible materials. 4.4. Construct the attic using fire-retardant-treated wood complying with Section 2303.2 of the International Building Code. 4.5. Fill the attic with noncombustible insulation.
75	IFC 903.3.1.3 NFPA 13D sprinkler systems.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>903.3.1.3 NFPA 13D sprinkler systems. <i>Automatic sprinkler systems</i> installed in one- and two-family <i>dwelling</i>s; Group R-3; Group R-4 Condition 1 and <i>townhouses</i> shall be permitted to be installed throughout in accordance with NFPA 13D or in accordance with state law.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 23 of 42

76	IFC 903.3.1.4 Freeze protection.	<p><i>Amend by adding new section to read as follows:</i></p> <p>903.3.1.4 Freeze protection. Freeze protection systems for automatic fire sprinkler systems shall be in accordance with the requirements of the applicable referenced NFPA standard and this section.</p>
77	IFC 903.3.1.4.1 Attics.	<p><i>Amend by adding new section to read as follows:</i></p> <p>903.3.1.4.1 Attics. Only dry-pipe, preaction, or listed antifreeze automatic fire sprinkler systems shall be allowed to protect attic spaces.</p> <p>Exception: Wet-pipe fire sprinkler systems shall be allowed to protect non-ventilated attic space where:</p> <ol style="list-style-type: none"> 1. The attic sprinklers are supplied by a separate floor control valve assembly to allow ease of draining the attic system without impairing sprinklers throughout the rest of the building, and 2. Adequate heat shall be provided for freeze protection as per the applicable referenced NFPA standard, and 3. The attic space is a part of the building's thermal or heat envelope, such that insulation is provided at the roof deck, rather than at the ceiling level.
78	IFC 903.3.1.4.2 Heat trace/insulation.	<p><i>Amend by adding new section to read as follows:</i></p> <p>903.3.1.4.2 Heat trace/insulation. Heat trace/insulation shall only be allowed where approved by the <i>fire code official</i> for small sections of large diameter water-filled pipe.</p>
79	IFC 903.3.5. Water supplies.	<p><i>Amend by adding the following text at the end of the section to read as follows:</i></p> <p>903.3.5. Water supplies.</p> <p style="text-align: center;">* * *</p> <p>Water supply as required for such systems shall be provided in conformance with the supply requirements of the respective standards; however, every water-based <i>fire protection system</i> shall be designed with a 10 psi safety factor. Reference Section 507.4 for additional design requirements.</p>

80	IFC 903.4. Sprinkler system supervision and alarms.	<p><i>Amend by adding a second paragraph after the Exceptions to read as follows:</i></p> <p>903.4. Sprinkler system supervision and alarms.</p> <p style="text-align: center;">* * *</p> <p>Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the <i>sprinkler system</i> and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a <i>supervisory signal</i> at the central station upon tampering. Sprinkler systems in multi-story buildings shall be designed to identify a water flow for each floor and <i>attic</i>. A separate and distinct signal shall be transmitted to an <i>approved</i> central station, remote supervisory station or proprietary supervising station as defined in NFPA 72 to identify each floor and <i>attic</i> area.</p>
81	IFC 903.4.2. Alarms.	<p><i>Amend by adding a second paragraph to read as follows:</i></p> <p>903.4.2. Alarms.</p> <p style="text-align: center;">* * *</p> <p>The alarm device required on the exterior of the building shall be a weatherproof horn/strobe notification appliance with a minimum 75 candela strobe rating, installed as close as practicable to the fire department connection.</p>
82	IFC 905.2 Installation standards.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>905.2 Installation standards. Standpipe systems shall be installed in accordance with this section and NFPA 14. Manual dry standpipe systems shall be supervised with a minimum of 10 psig and a maximum of 40 psig air pressure with a high/low alarm.</p>
83	IFC 905.3.9 Building exceeding 10,000 square feet.	<p><i>Amend by adding new section to read as follows:</i></p> <p>905.3.9 Building exceeding 10,000 square feet. In buildings exceeding 10,000 square feet in area per story and where any portion of the building's interior area is more than 200 feet of travel, vertically and horizontally, from the nearest point of fire department vehicle access, Class I automatic wet or manual wet standpipes shall be provided.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Automatic dry, semi-automatic dry, and manual dry standpipes are allowed as provided for in NFPA 14 where approved by the <i>fire code official</i>. 2. R-2 occupancies of four stories or less in height having no interior corridors.

84	<p>IFC 905.4. Location of Class 1 standpipe hose connections.</p>	<p><i>Amend section by deleting Items #1, #3, #5, and #7 in their entirety and adding a new Items #1, #3, #5, and #7 to read as follows:</i></p> <p>905.4. Location of Class 1 standpipe hose connections.</p> <p>1. In every required exit stairway, a hose connection shall be provided for each story above and below grade plane. Hose connections shall be located at an intermediate landing between stories, unless otherwise approved by the <i>fire code official</i>.</p> <p style="text-align: center;">* * *</p> <p>3. In every exit passageway, at the entrance from the exit passageway to other areas of a building.</p> <p style="padding-left: 40px;">Exception: Where floor areas adjacent to an exit passageway are reachable from an exit stairway hose connection by a 30-foot hose stream from a nozzle attached to 100 feet of hose, a hose connection shall not be required at the entrance from the exit passageway to other areas of the building.</p> <p style="text-align: center;">* * *</p> <p>5. Where the roof has a slope less than four units vertical in 12 units horizontal (33.3-percent slope), each standpipe shall be provided with a two-way hose connection located to serve the roof or at the highest landing of an exit stairway with stair access to the roof provided in accordance with Section 1011.12.</p> <p style="text-align: center;">* * *</p> <p>7. When required by this Chapter, standpipe connections shall be placed adjacent to all required <i>exits</i> to the structure and at two hundred feet (200') intervals along major <i>corridors</i> thereafter, or as otherwise approved by the <i>fire code official</i>.</p>
85	<p>IFC 905.9. Valve supervision.</p>	<p><i>Amend by adding the following text after the Exceptions to read as follows:</i></p> <p>905.9. Valve supervision.</p> <p style="text-align: center;">* * *</p> <p>Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the <i>sprinkler system</i> and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a <i>supervisory signal</i> at the central station upon tampering. Sprinkler systems in multi-story buildings shall be designed to identify a water flow for each floor and attic. A separate and distinct signal shall be transmitted to an <i>approved</i> central station, remote supervisory station or proprietary supervising station as defined in NFPA 72 to identify each floor and <i>attic</i> area.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 26 of 42

86	IFC 907.1.4 Design standards.	<p><i>Amend by adding new section to read as follows:</i></p> <p>907.1.4 Design standards. Where a new fire alarm system is installed, the devices shall be addressable. Fire alarm systems utilizing more than 20 smoke detectors shall have analog initiating devices.</p>
87	IFC 907.2.1 Group A.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with new Section 907.5 shall be installed in Group A occupancies having an <i>occupant load</i> of 300 or more persons or where the occupant load is more than 100 persons above or below the lowest level of exit discharge. Group A occupancies not separated from one another in accordance with Section 707.3.-10 of the <i>International Building Code</i> shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.</p> <p style="padding-left: 40px;">Exception: Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.</p> <p>Activation of fire alarm notification appliances shall:</p> <ol style="list-style-type: none"> 1. Cause illumination of the <i>means of egress</i> with light of not less than one-foot candle (11 lux) at the walking surface level, and 2. Stop any conflicting or confusing sounds and visual distractions.
88	IFC 907.2.3 Group E.	<p><i>Amend section by deleting the first paragraph and Exception #1 in their entirety and adding a new first paragraph and Exceptions #1 and "1.1" to read as follows:</i></p> <p>907.2.3 Group E. A manual fire alarm system that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E educational occupancies. When <i>automatic sprinkler systems</i> or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system. An <i>approved</i> smoke detection system shall be installed in Group E day care occupancies. Unless separated by a minimum of 100 feet of open space, all buildings, whether portable buildings or the main building, will be considered one building for alarm <i>occupant load</i> consideration and interconnection of alarm systems.</p> <p style="padding-left: 40px;">Exceptions:</p> <ol style="list-style-type: none"> 1. A manual fire alarm system is not required in Group E occupancies with an <i>occupant load</i> of 50 or less. <ol style="list-style-type: none"> 1.1 Residential In-Home day care with not more than 12 children may use interconnected single station detectors

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 27 of 42

		<p>in all habitable rooms. (For care of more than five children 2½ or less years of age, see Section 907.2.6.)</p> <p style="text-align: center;">* * *</p> <p><i>Exceptions 2, 3, and 4 remain unchanged.</i></p>
89	IFC 907.2.12 High-rise buildings.	<p><i>Amend section by deleting Exception #3 in its entirety and adding a new Exception #3 to read as follows:</i></p> <p>907.2.12 High-rise buildings.</p> <p style="text-align: center;">* * *</p> <p>Exception:</p> <p style="text-align: center;">* * *</p> <p>3. Open air portions of buildings with an occupancy in Group A-5 in accordance with Section 303.1 of the <i>International Building Code</i>; however, this exception does not apply to accessory uses including but not limited to sky boxes, restaurants and similarly enclosed areas.</p> <p style="text-align: center;">* * *</p>
90	IFC 907.4.2.7 Type.	<p><i>Amend by adding new section to read as follows:</i></p> <p>907.4.2.7 Type. Manual alarm initiating devices shall be an <i>approved</i> double-action type.</p>
91	IFC 907.6.1.1 Wiring installation.	<p><i>Amend by adding new section to read as follows:</i></p> <p>907.6.1.1 Wiring installation. All fire alarm systems shall be installed in such a manner that a failure of any single initiating device or single open in an initiating circuit conductor will not interfere with the normal operation of other such devices. All signaling line circuits (SLC) shall be installed in such a way that a single open will not interfere with the operation of any addressable devices (Class A). Outgoing and return SLC conductors shall be installed in accordance with NFPA 72 requirements for Class A circuits and shall have a minimum of four feet separation horizontal and one foot vertical between supply and return circuit conductors. The initiating device circuit (IDC) from a signaling line circuit interface device may be wired Class B, provided the distance from the interface device to the initiating device is ten feet or less.</p>
92	IFC 907.6.3. Initiating device identification.	<p><i>Amend by deleting all of the exceptions in their entirety.</i></p> <p>907.6.3. Initiating device identification.</p> <p style="text-align: center;">* * *</p> <p><i>The paragraph prior to the exceptions remains unchanged.</i></p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 28 of 42

93	IFC 907.6.6 Monitoring.	<p><i>Amend by deleting the first paragraph in its entirety and adding a new paragraph to read as follows:</i></p> <p>907.6.6 Monitoring. Fire alarm systems required by this chapter or by the <i>International Building Code</i> shall be monitored by an <i>approved</i> supervising station in accordance with NFPA 72. See 907.6.3 for the required information transmitted to the supervising station.</p> <p style="text-align: center;">* * *</p> <p><i>The Exceptions remain unchanged.</i></p>
94	IFC 907.11. Storage Group S occupancies.	<p><i>Amend by adding new section to read as follows:</i></p> <p>907.11. Storage Group S occupancies. All Storage Group S occupancies two- or more stories in height that are open to the general public shall have a manual fire alarm system.</p>
95	IFC 909.22. Stairway or ramp pressurization alternative.	<p><i>Amend by adding new section to read as follows:</i></p> <p>909.22. Stairway or ramp pressurization alternative. Where the building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 and the stair pressurization alternative is chosen for compliance with Building Code requirements for a smokeproof enclosure, interior exit stairways or ramps shall be pressurized to a minimum of 0.10 inches of water (25 Pa) and a maximum of 0.35 inches of water (87 Pa) in the shaft relative to the building measured with all interior exit stairway and ramp doors closed under maximum anticipated conditions of stack effect and wind effect. Such systems shall comply with Section 909, including the installation of a separate fire-fighter's smoke control panel as per Section 909.16, and a Smoke Control Permit shall be required from the fire department as per Section 105.7.</p>
96	IFC 909.22.1. Ventilating Equipment.	<p><i>Amend by adding new section to read as follows:</i></p> <p>909.22.1. Ventilating Equipment. The activation of ventilating equipment for the stair or ramp pressurization system shall be by smoke detectors installed at each floor level at an approved location at the entrance to the smokeproof enclosure. When the closing device for the stairway or ramp shaft and vestibule doors is activated by smoke detection or power failure, the mechanical equipment shall activate and operate at the required performance levels. Smoke detectors shall be installed in accordance with Section 907.3.</p>

97	IFC 909.22.1.1 Ventilating Systems.	<p><i>Amend by adding new section to read as follows:</i></p> <p>909.22.1.1 Ventilating Systems. The smokeproof enclosure ventilation systems shall be independent of other building ventilation systems. The equipment, control wiring, power wiring and ductwork shall comply with one of the following:</p> <ol style="list-style-type: none"> 1. Equipment, control wiring, power wiring and ductwork shall be located exterior to the building and directly connected to the smokeproof enclosure or connected to the smokeproof enclosure by ductwork enclosed by not less than 2-hour fire barriers constructed in accordance with Section 707 of the Building Code or horizontal assemblies constructed in accordance with Section 711 of the Building Code, or both. 2. Equipment, control wiring, power wiring and ductwork shall be located within the smokeproof enclosure with intake or exhaust directly from and to the outside or through ductwork enclosed by not less than 2-hour barriers constructed in accordance with Section 707 of the Building Code or horizontal assemblies constructed in accordance with Section 711 of the Building Code, or both. 3. Equipment, control wiring, power wiring and ductwork shall be located within the building if separated from the remainder of the building, including other mechanical equipment, by not less than 2-hour fire barriers constructed in accordance with Section 707 of the Building Code or horizontal assemblies constructed in accordance with Section 711 of the Building Code, or both. <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Control wiring and power wiring utilizing a 2-hour rated cable or cable system. 2. Where encased with not less than 2 inches of concrete. 3. Control wiring and power wiring protected by a listed electrical circuit protective systems with a fire-resistance rating of not less than 2 hours.
98	IFC 909.22.1.2 Standby Power.	<p><i>Amend by adding new section to read as follows:</i></p> <p>909.22.1.2 Standby Power. Mechanical vestibule and stairway and ramp shaft ventilation systems and automatic fire detection systems shall be provided with standby power in accordance with Section 2702 of the Building Code.</p>
99	IFC 909.22.1.3 Acceptance and Testing.	<p><i>Amend by adding new section to read as follows:</i></p> <p>909.22.1.3 Acceptance and Testing. Before the mechanical equipment is approved, the system shall be tested in the presence of the <i>fire code official</i> to confirm that the system is operating in compliance with these requirements.</p>

100	IFC 910.2. Where required.	<p><i>Amend by deleting the exceptions in their entirety and adding new Exceptions to read as follows:</i></p> <p>Section 910.2. Where required.</p> <p style="text-align: center;">* * *</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Frozen food warehouses used solely for storage of Class I and II commodities where protected by an approved automatic sprinkler system. 2. Only manual smoke and heat removal shall be required in areas of buildings equipped with early suppression fast-response (ESFR) sprinklers. Automatic smoke and heat removal is prohibited. 3. Only manual smoke and heat removal shall be required in areas of buildings equipped with control mode special application sprinklers with a response time index of $50(m^*S)^{1/2}$ or less that are listed to control a fire in stored commodities with 12 or fewer sprinklers. Automatic smoke and heat removal is prohibited.
101	IFC 910.2.3 Group H.	<p><i>Amend by adding new section to read as follows:</i></p> <p>910.2.3 Group H. Buildings and portions thereof used as a Group H occupancy as follows:</p> <ol style="list-style-type: none"> 1. In occupancies classified as Group H-2 or H-3, any of which are more than 15,000 square feet in single floor area. <p style="margin-left: 40px;">Exception: Buildings of noncombustible construction containing only non-combustible materials.</p> 2. In areas of buildings in Group H used for storing Class 2, 3 and 4 liquid and solid oxidizers, Class 1 and unclassified detonable organic peroxides, Class 3 and 4 unstable (reactive) materials, or Class 2 or 3 water-reactive materials as required for a high-hazard commodity classification. <p style="margin-left: 40px;">Exception: Buildings of noncombustible construction containing only non-combustible materials.</p>
102	IFC 910.3.4 Vent Operation.	<p><i>Amend by adding new section to read as follows:</i></p> <p>910.3.4 Vent Operation. Smoke and heat vents shall be capable of being operated by <i>approved</i> automatic and manual means. Automatic operation of smoke and heat vents shall conform to the provisions of Sections 910.3.2.1 through 910.3.2.3.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 31 of 42

103	IFC 910.3.4.1 Sprinklered Buildings.	<p><i>Amend by adding new section to read as follows:</i></p> <p>910.3.4.1 Sprinklered buildings. Where installed in buildings equipped with an <i>approved</i> automatic sprinkler system, smoke and heat vents shall be designed to operate automatically. The automatic operating mechanism of the smoke and heat vents shall operate at a temperature rating at least 100 degrees F (approximately 38 degrees Celsius) greater than the temperature rating of the sprinklers installed.</p> <p>Exception: Manual only systems per Section 910.2.</p>
104	IFC 910.3.4.2 Nonsprinklered buildings.	<p><i>Amend by adding new section to read as follows:</i></p> <p>910.3.4.2 Nonsprinklered buildings. Where installed in buildings not equipped with an <i>approved</i> automatic sprinkler system, smoke and heat vents shall operate automatically by actuation of a heat-responsive device rated at between 100°F (56°C) and 220°F (122°C) above ambient.</p> <p>Exception: Listed gravity-operated drop out vents.</p>
105	IFC 910.4.3.1 Makeup Air.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>910.4.3.1 Makeup Air. Makeup air openings shall be provided within 6 feet of the floor level. Operation of makeup air openings shall be automatic. The minimum gross area of makeup air inlets shall be 8 square feet per 1,000 cubic feet per minute of smoke exhaust.</p>
106	IFC 912.2. Location.	<p><i>Amend by adding the following sentence to the end of the paragraph:</i></p> <p>912.2. Location.</p> <p style="text-align: center;">* * *</p> <p>The fire department connection shall be located within 50 feet of a fire apparatus access road.</p>
107	IFC 912.2.3 Hydrant distance.	<p><i>Amend by adding new section to read as follows:</i></p> <p>912.2.3 Hydrant distance. An <i>approved</i> fire hydrant shall be located within 100 feet of the fire department connection as the fire hose lays along an unobstructed path.</p>

108	IFC 913.2.1. Protection of fire pump rooms.	<p><i>Amend by adding a second paragraph and an Exception to Section to read as follows:</i></p> <p>913.2.1. Protection of fire pump rooms.</p> <p style="text-align: center;">* * *</p> <p>When located on the ground level at an exterior wall, the fire pump room shall be provided with an exterior fire department access door that is not less than three feet in width and six feet eight inches in height, regardless of any interior doors that are provided. A <i>key box</i> shall be provided at this door as required by Section 506.1.</p> <p>Exception: When it is necessary to locate the fire pump room on other levels or not at an exterior wall, the <i>corridor</i> leading to the fire pump room access from the exterior of the building shall be provided with equivalent fire resistance as that required for the pump room, or as <i>approved</i> by the <i>fire code official</i>. Access keys shall be provided in the key box as required by Section 506.1.</p>
109	IFC 914.3.1.2. Water Supply to required fire pumps.	<p><i>Amend by deleting the first paragraph in its entirety and adding a new first paragraph to read as follows:</i></p> <p>914.3.1.2. Water Supply to required fire pumps. In buildings that are more than 120 feet in building height, required fire pumps shall be supplied by connections to no fewer than two water mains located in different streets. Separate supply piping shall be provided between each connection to the water main and the pumps. Each connection and the supply piping between the connection and the pumps shall be sized to supply the flow and pressure required for the pumps to operate.</p> <p style="text-align: center;">* * *</p> <p><i>Exception remains unchanged.</i></p>
110	IFC 1006.2.2.7 Electrical Rooms.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1006.2.2.7 Electrical Rooms. For electrical rooms, special exiting requirements may apply. Reference the Electrical Code as adopted.</p>
111	IFC 1009.8. Two-way communication.	<p><i>Amend by adding a new Exception #7 to read as follows:</i></p> <p>1009.8. Two-way communication.</p> <p style="text-align: center;">* * *</p> <p>Exceptions:</p> <p style="text-align: center;">* * *</p> <p>7. Buildings regulated under State Law and built in accordance with State registered plans, including any variances or waivers granted by the State, shall be deemed to be in compliance with the requirements of Section 1009 and Chapter 11.</p>

112	IFC 1010.1.9.5 Bolt locks.	<p><i>Amend by deleting Exceptions #3 and #4 in their entirety and adding new Exceptions #3 and #4 to read as follows:</i></p> <p>1010.1.9.5. Bolt locks.</p> <p style="text-align: center;">* * *</p> <p>Exceptions:</p> <p style="text-align: center;">* * *</p> <p>3. Where a pair of doors serves an <i>occupant load</i> of less than 50 persons in a Group B, F, M or S occupancy, manually operated edge- or surface-mount bolts are permitted on the inactive leaf. The inactive leaf shall not contain doorknobs, panic bars or similar operating hardware.</p> <p>4. Where a pair of doors serves a Group A, B, F, M, or S occupancy, manually operated edge- or surface-mounted bolts are permitted on the inactive leaf provided such inactive leaf is not needed to meet egress capacity requirements and the building is equipped throughout with an <i>automatic sprinkler system</i> in accordance with Section 903.3.1.1. The inactive leaf shall not contain doorknobs, panic bars or similar operating hardware.</p> <p style="text-align: center;">* * *</p>
113	IFC 1020.1. Construction.	<p><i>Amend by adding an Exception #6 to read as follows:</i></p> <p>1020.1. Construction.</p> <p style="text-align: center;">* * *</p> <p>Exception:</p> <p style="text-align: center;">* * *</p> <p>6. In Group B occupancies, <i>corridor</i> walls and ceilings need not be of fire-resistive construction within a single tenant space when the space is equipped with <i>approved</i> automatic smoke-detection within the corridor. The actuation of any detector must activate self-annunciating alarms audible in all areas within the <i>corridor</i>. Smoke detectors must be connected to an approved automatic fire alarm system where such system is provided.</p>
114	IFC 1029.1.1.1. Spaces under grandstands and bleachers.	<p><i>Delete Section 1029.1.1.1 "Spaces under grandstands and bleachers" in its entirety.</i></p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 34 of 42

115	IFC 1031.2 Reliability.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>1031.2 Reliability. Required <i>exit accesses, exits</i> and <i>exit discharges</i> shall be continuously maintained free from obstructions or impediments to full instant use in the case of the fire or other emergency. An exit or exit passageway shall not be used for any purpose that interferes with a means of egress.</p>
116	IFC 1103.3. Existing elevators.	<p><i>Amend by adding this sentence at the end of the first paragraph to read as follows:</i></p> <p>1103.3. Existing elevators.</p> <p style="text-align: center;">* * *</p> <p>Provide emergency signage as required by Section 606.3.</p>
117	IFC 1103.5.1 Group A-2.	<p><i>Amend by adding this sentence at the end of the first paragraph to read as follows:</i></p> <p>1103.5.1 Group A-2.</p> <p style="text-align: center;">* * *</p> <p>Fire sprinkler system installation shall be completed within 24-months from date of notification by the <i>fire code official</i>.</p>
118	IFC 1103.5.5 Spray booths and rooms.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1103.5.5 Spray booths and rooms. Existing spray booths and spray rooms shall be protected by an automatic fire-extinguishing system in accordance with Section 2404, as approved by the <i>fire code official</i>.</p>
119	IFC 1103.7.7 Fire alarm system design standards.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1103.7.7 Fire alarm system design standards. Where an existing fire alarm system is upgraded or replaced, the devices shall be addressable. Fire alarm systems utilizing more than 20 smoke and/or heat detectors shall have analog initiating devices.</p> <p>Exception: Existing systems need not comply unless the total building, or fire alarm system, remodel or expansion exceeds 30 percent of the building. When cumulative building, or fire alarm system, remodel or expansion initiated after the date of original fire alarm panel installation exceeds 50 percent of the building, or fire alarm system, the fire alarm system must comply within 18 months of permit application.</p>
120	IFC 1103.7.7.1 Communication requirements.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1103.7.7.1 Communication requirements. Refer to Section 907.6.6 for applicable requirements.</p>

121	IFC 1103.8.3 Power source.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>1103.8.3 Power source. Single-station smoke alarms shall receive their primary power from the building wiring provided that such wiring is served from a commercial source and shall be equipped with a battery backup. Smoke alarms with integral strobes that are not equipped with battery backup shall be connected to an emergency electrical system. Smoke alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for overcurrent protection. Locations where smoke alarms are permitted to be solely battery operated shall utilize a lithium type battery or equivalent with a functional life expectancy of ten (10) years or more. All lithium battery or equivalent smoke alarms shall be one in which the battery is sealed within the smoke alarm and cannot be removed from the smoke alarm without damage to the smoke alarm. No damaged or inoperative smoke alarm shall meet the requirements of this section. Mass-market battery powered smoke alarms including those powered by 9-volt batteries or lithium batteries (or equivalent) not sealed within the smoke alarm do not comply with the requirements of this section for required smoke alarms. Smoke alarms must be equipped with a hush feature. A permit for each smoke alarm permitted by this Section shall be required pursuant to Section 1101.3 of this code.</p> <p style="text-align: center;">Exceptions:</p> <ol style="list-style-type: none"> 1. Smoke alarms are permitted to be solely battery operated in existing buildings where construction is not taking place. 2. Smoke alarms are permitted to be solely battery operated in buildings that are not served from a commercial power source. 3. Smoke alarms are permitted to be solely battery operated in existing areas of buildings undergoing <i>alterations</i> or repairs that do not result in the removal of interior walls or ceiling finishes exposing the structure, unless there is an attic, crawl space or <i>basement</i> available that could provide access for building wiring without the removal of interior finishes.
122	IFC 1103.8.4 Maintenance.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1103.8.4 Maintenance. The <i>fire code official</i> shall have the right to conduct regular inspections of all smoke alarms including, but not limited to, all smoke alarms in dwelling units and all smoke alarms shall be operational at the time of inspection.</p>
123	IFC 1203.1.3 Installation.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>1203.1.3 Installation. Emergency power systems and standby power systems shall be installed in accordance with the International Building Code, NFPA 70, NFPA 110 and NFPA 111. Existing installations shall be maintained in accordance with the original approval, except as specified in Chapter 11.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 36 of 42

124	IFC 1203.1.10 Critical operations power systems (COPS).	<p><i>Amend by adding new section to read as follows:</i></p> <p>1203.1.10 Critical operations power systems (COPS). For Critical Operations Power Systems necessary to maintain continuous power supply to facilities or parts of facilities that require continuous operation for the reasons of public safety, emergency management, national security, or business continuity, see NFPA 70.</p>
125	IFC 1203.2 Where required.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>1203.2 Where required. Emergency and standby power systems shall be provided where required by Sections 1203.2.1 through 1203.2.26 or elsewhere identified in this code or any other referenced code.</p>
126	IFC 1203.2.4. Emergency voice/alarm communications systems.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>1203.2.4. Emergency voice/alarm communications systems. Emergency power shall be provided for emergency voice/alarm communications systems in the following occupancies, or as specified elsewhere in this code, as required in Section 907.5.2.2.5. The system shall be capable of powering the required load for a duration of not less than 24 hours, as required in NFPA 72.</p> <p style="text-align: center;">Covered and Open Malls, Section 907.2.19 and 914.2.3 Group A Occupancies, Sections 907.2.1 and 907.5.2.2.4 Special Amusement Buildings, Section 907.2.11 High-rise Buildings, Section 907.2.12 Atriums, Section 907.2.13 Deep Underground Buildings, Section 907.2.18</p>
127	IFC 1203.2.14. Means of egress illumination.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>1203.2.14. Means of egress illumination. Emergency power shall be provided for means of egress illumination in accordance with Sections 1008.3 and 1104.5.1. (90 minutes)</p>
128	IFC 1203.2.15. Membrane structures.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>1203.2.15. Membrane structures. Emergency power shall be provided for exit signs in temporary tents and membrane structures in accordance with Section 3103.12.6. (90 minutes) Standby power shall be provided for auxiliary inflation systems in permanent membrane structures in accordance with Section 2702 of the International Building Code (at least 4 hours). Auxiliary inflation systems shall be provided in temporary air-supported and air-inflated membrane structures in accordance with Section 3103.10.4.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 37 of 42

129	IFC 1203.2.17. Smoke control systems.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>1203.2.17. Smoke control systems. Standby power shall be provided for smoke control systems in the following occupancies, or as specified elsewhere in this code, as required in Section 909.11:</p> <p>Covered Mall Building, International Building Code, Section 402.7 Atriums, International Building Code, Section 404.7 Underground Buildings, International Building Code, Section 405.8 Group I-3, International Building Code, Section 408.4.2 Stages, International Building Code, Section 410.2.5 Special Amusement Buildings (as applicable to Group A's), International Building Code, Section 411.1 Smoke Protected Seating, Section 1029.6.2.</p>
130	IFC 1203.2.19. Covered and open mall buildings.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1203.2.19. Covered and open mall buildings. Emergency power shall be provided in accordance with Section 907.2.19 and 914.2.3.</p>
131	IFC 1203.2.20. Airport traffic control towers.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1203.2.20. Airport traffic control towers. A standby power system shall be provided in airport traffic control towers more than 65 feet in height. Power shall be provided to the following equipment:</p> <ol style="list-style-type: none"> 1. Pressurization equipment, mechanical equipment and lighting. 2. Elevator operating equipment. 3. Fire alarm and smoke detection systems.
132	IFC 1203.2.21. Smokeproof enclosures and stair pressurization alternative.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1203.2.21. Smokeproof enclosures and stair pressurization alternative. Standby power shall be provided for smokeproof enclosures, stair pressurization alternative and associated automatic fire detection systems as required by the International Building Code, Section 909.20.6.2.</p>
133	IFC 1203.2.22. Elevator pressurization.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1203.2.22. Elevator pressurization. Standby power shall be provided for elevator pressurization system as required by the International Building Code, Section 909.21.5.</p>
134	IFC 1203.2.23. Elimination of smoke dampers in shaft penetrations.	<p><i>Amend by adding new section to read as follows:</i></p> <p>Section 1203.2.23. Elimination of smoke dampers in shaft penetrations. Standby power shall be provided when eliminating the smoke dampers in ducts penetrating shafts in accordance with the International Building Code, Section 717.5.3, exception 2.3.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 38 of 42

135	IFC 1203.2.24. Common exhaust systems for clothes dryers.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1203.2.24. Common exhaust systems for clothes dryers. Standby power shall be provided for common exhaust systems for clothes dryers located in multistory structures in accordance with the International Mechanical Code, Section 504.10, Item 7.</p>
136	IFC 1203.2.25. Hydrogen cutoff rooms.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1203.2.25. Hydrogen cutoff rooms. Standby power shall be provided for mechanical ventilation and gas detection systems of Hydrogen Cutoff Rooms in accordance with the International Building Code, Section 421.</p>
137	IFC 1203.2.26. Means of egress illumination in existing building.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1203.2.26. Means of egress illumination in existing building. Emergency power shall be provided for means of egress illumination in accordance with Section 1104.5 when required by the <i>fire code official</i> (90 minutes in I-2, 60 minutes elsewhere).</p>
138	IFC 1203.7. Energy time duration.	<p><i>Amend by adding new section to read as follows:</i></p> <p>1203.7. Energy time duration. Unless a time limit is specified by the <i>fire code official</i>, in this chapter or elsewhere in this code, or in any other referenced code or standard, the emergency and standby power system shall be supplied with enough fuel or energy storage capacity for not less than 2-hour full-demand operation of the system.</p> <p style="text-align: center;">Exception: Where the system is supplied with natural gas from a utility provider and is approved by the <i>fire code official</i>.</p>
139	IFC 2304.1 Supervision of dispensing.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>2304.1 Supervision of dispensing. The dispensing of fuel at motor fuel-dispensing facilities shall be in accordance with the following:</p> <ol style="list-style-type: none"> 1. Conducted by a qualified attendant; and/or 2. Shall be under the supervision of a qualified attendant; and/or 3. Shall be an unattended self-service facility in accordance with Section 2304.3. <p>At any time the qualified attendant of Item #1 or #2 above is not present, such operations shall be considered as an unattended self-service facility and shall also comply with Section 2304.3.</p>
140	IFC 2401.2. Nonapplicability.	<i>Delete Section 2401.2 "Nonapplicability" in its entirety.</i>
141	IFC 3103.3.1 Special amusement building.	<i>Delete Section 3103.3.1 "Special amusement building" in its entirety.</i>

142	IFC Table 3206.2 General Fire Protection And Life Safety Requirements.	<p><i>Amend Footnote "h" in its entirety to read as follows:</i></p> <p>Table 3206.2 General Fire Protection And Life Safety Requirements.</p> <p style="text-align: center;">* * *</p> <p>h. Where storage areas are protected by either early suppression fast response (ESFR) sprinkler systems or control mode special application sprinklers with a response time index of $50(m*s)^{1/2}$ or less that are listed to control a fire in the stored commodities with 12 or fewer sprinklers, installed in accordance with NFPA 13, manual smoke and heat vents or manually activated engineered mechanical smoke exhaust systems shall be required within these areas.</p> <p style="text-align: center;">* * *</p>
143	IFC Table 3206.2 General Fire Protection And Life Safety Requirements.	<p><i>Amend Table by adding a new Footnote "j" to row titled "High Hazard" and "Greater than 300,000^f" to read as follows:</i></p> <p>Table 3206.2. General Fire Protection And Life Safety Requirements.</p> <p style="text-align: center;">* * *</p> <p style="text-align: center;">Greater than 300,000^{f, j}</p> <p style="text-align: center;">* * *</p>
144	IFC Table 3206.2 General Fire Protection And Life Safety Requirements.	<p><i>Amend by adding new Footnote "j" to read as follows:</i></p> <p style="text-align: center;">* * *</p> <p>j. High hazard high-piled storage areas shall not exceed 500,000 square feet. A 2-hour fire wall constructed in accordance with Section 706 of the International Building Code shall be used to divide high-piled storage exceeding 500,000 square feet in area.</p>
145	IFC 3310.1. Required access.	<p><i>Amend by adding the following text at the end of the section to read as follows:</i></p> <p>Section 3310.1. Required access.</p> <p style="text-align: center;">* * *</p> <p>When fire apparatus access roads are required to be installed for any structure or development, they shall be approved prior to the time at which construction has progressed beyond completion of the foundation of any structure.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 40 of 42

146	IFC 5601.1.3 Fireworks.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>5601.1.3 Fireworks. The possession, manufacture, storage, sale, handling, and use of fireworks are prohibited.</p> <p style="text-align: center;">Exceptions:</p> <ol style="list-style-type: none"> 1. Only when <i>approved</i> for fireworks displays, storage, and handling of fireworks as allowed in Sections 5604 and 5608. 2. The use of fireworks for <i>approved</i> displays as allowed in Section 5608.
147	IFC 5703.6 Piping systems.	<p><i>Amend by adding the following text at the end of the section to read as follows:</i></p> <p>Section 5703.6. Piping systems.</p> <p style="text-align: center;">* * *</p> <p>An <i>approved</i> method of secondary containment shall be provided for underground tank and piping systems.</p>
148	IFC 5704.2.11.4 Leak prevention.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>5704.2.11.4 Leak prevention. Leak prevention for underground tanks shall comply with Sections 5704.2.11.4.1 through 5704.2.11.4.3. An <i>approved</i> method of secondary containment shall be provided for underground tank and piping systems.</p>
149	IFC 5704.2.11.4.2 Leak detection.	<p><i>Amend section in its entirety to read as follows:</i></p> <p>5704.2.11.4.2 Leak detection. Underground storage tank systems shall be provided with an <i>approved</i> method of leak detection from any component of the system that is designed and installed in accordance with NFPA 30 and as specified in Section 5704.2.11.4.3.</p>
150	IFC 5704.2.11.4.3 Observation wells.	<p><i>Amend by adding new section to read as follows:</i></p> <p>5704.2.11.4.3 Observation wells. <i>Approved</i> sampling tubes of a minimum 4 inches in diameter shall be installed in the backfill material of each underground flammable or combustible liquid storage tank. The tubes shall extend from a point 12 inches below the average grade of the excavation to ground level and shall be provided with suitable surface access caps. Each tank site shall provide a sampling tube at the corners of the excavation with a minimum of four tubes. Sampling tubes shall be placed in the product line excavation within 10 feet of the tank excavation and one every 50 feet routed along product lines towards the dispensers, a minimum of two are required.</p>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
International Fire Code (I.F.C.), 2018 Edition
Page 41 of 42

151	IFC 5707.4. Mobile fueling areas.	<p><i>Amend by adding the following text at the end of the section to read as follows:</i></p> <p>5707.4. Mobile fueling areas.</p> <p style="text-align: center;">* * *</p> <p>Mobile fueling sites shall be restricted to commercial, industrial, governmental, or manufacturing, where the parking area having such operations is primarily intended for employee vehicles. Mobile fueling shall be conducted for fleet fueling or employee vehicles only, not the general public. Commercial sites shall be restricted to office-type or similar occupancies that are not primarily intended for use by the public.</p>
152	IFC Part VII-Appendices Appendix A	<i>Amend by deleting Appendix A in its entirety.</i>
153	IFC Part VII-Appendices Appendix B	<i>Amend by adding Appendix B attached to the International Fire Code, 2018 Edition, to the same extent as if Appendix B is copied verbatim and set forth herein.</i>
154	IFC Appendix B Table B105.2. Required Fire Flow For Buildings Other Than one-and Two-Family Dwellings, Group R-3 and R-4 Buildings and Townhouses.	<p><i>Amend Footnote "a" in its entirety to read as follows:</i></p> <p>Table B105.2. Required Fire Flow For Buildings Other Than One-and Two-Family Dwellings, Group R-3 and R-4 Buildings and Townhouses.</p> <p style="text-align: center;">* * *</p> <p>a. <i>The reduced fire-flow shall be not less than 1,500 gallons per minute.</i></p> <p style="text-align: center;">* * *</p>
155	IFC Part VII-Appendices Appendix C	<i>Amend by adding Appendix C attached to the International Fire Code, 2018 Edition, to the same extent as if Appendix C is copied verbatim and set forth herein.</i>
156	IFC Part VII-Appendices Appendix D	<i>Amend by adding Appendix D attached to the International Fire Code, 2018 Edition, to the same extent as if Appendix D is copied verbatim and set forth herein.</i>
157	IFC Part VII-Appendices Appendix E	<i>Amend by deleting Appendix E in its entirety.</i>
158	IFC Part VII-Appendices Appendix F	<i>Amend by deleting Appendix F in its entirety.</i>

EXHIBIT "A" TO ORDINANCE NO. 4802
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE
 International Fire Code (I.F.C.), 2018 Edition
 Page 42 of 42

159	IFC Part VII-Appendices Appendix G	<i>Amend by deleting Appendix G in its entirety.</i>
160	IFC Part VII-Appendices Appendix H	<i>Amend by deleting Appendix H in its entirety.</i>
161	IFC Part VII-Appendices Appendix I	<i>Amend by deleting Appendix I in its entirety.</i>
162	IFC Part VII-Appendices Appendix J	<i>Amend by deleting Appendix J in its entirety.</i>

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