

ORDINANCE NO. 5216

AN ORDINANCE OF THE CITY OF MESQUITE, TEXAS, AMENDING CHAPTER 6 OF THE MESQUITE CITY CODE, BY REPEALING AND REPLACING CHAPTER 6, ARTICLE II (FIRE CODE) IN ITS ENTIRETY THEREBY ADOPTING THE 2024 EDITION OF THE INTERNATIONAL FIRE CODE (I.F.C.) AND PROVIDING CERTAIN LOCAL AMENDMENTS THERETO; PROVIDING CONFLICTS RESOLUTION, SEVERABILITY, AND SAVINGS CLAUSES; PROVIDING FOR A PENALTY NOT TO EXCEED TWO THOUSAND DOLLARS (\$2,000); PROVIDING FOR PUBLICATION OF THE CAPTION HEREOF; 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

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WHEREAS, on October 21, 2025, the Building Standards Board held public hearings to discuss the adoption of the 2024 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 2024 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 2024 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:

Amending Chapter 6, Article II – Fire Code.

The Mesquite City Code is hereby amended as identified in **EXHIBIT A** and said exhibit is attached hereto and made a part hereof, and in all other respects, said Code, Chapters, and Articles shall remain in full force and effect.

SECTION 3.

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 4.

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.

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SECTION 5. 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 6. Penalty Clause.

Any violation of the provisions or terms of this Ordinance by any “person,” as defined in Mesquite City Code, Chapter 1, [Section 1-2](#), shall be deemed a Class C Misdemeanor criminal offense, and upon conviction thereof, shall be subject to a penalty of fine, or any other general penalties, as provided in Mesquite City Code, Chapter 1, [Section 1-6](#), as amended.

SECTION 7. Publication.

This Ordinance shall be published in the City’s official newspaper in accordance with Mesquite City Charter, Article IV, [Section 24](#).

SECTION 8. Effective Date.

The effective date of this Ordinance is January 1, 2026.

DULY PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF MESQUITE, TEXAS, ON THE 17TH DAY OF NOVEMBER 2025.

Signed by:

Daniel Alemán, Jr.

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Daniel Alemán, Jr.
Mayor

ATTEST:

DocuSigned by:

Sonja Land

C2518095973F46A...

Sonja Land
City Secretary

APPROVED AS TO LEGAL FORM:

Signed by:

David L. Paschall

666E18891208434...

David L. Paschall
City Attorney

EXHIBIT “A” TO ORDINANCE NO. 5216
MESQUITE CITY CODE, CHAPTER 6, ARTICLE II. – FIRE CODE

International Fire Code (I.F.C.), 2024 Edition

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CHAPTER 6 – FIRE PREVENTION AND PROTECTION

ARTICLE I. – IN GENERAL

Secs. 6-1 — 6-100. - Reserved.

Editor’s note:

[Existing Chapter 6, Article II (Fire Code) shall be repealed in its entirety and replaced with the following text.]

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.), 2024 Edition, including Appendix B, Appendix C, Appendix D, Appendix M, and Appendix O 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, 2024 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](#) (Rules of Construction), and as defined in Chapter 2, Section 202 (General Definitions) of the International Fire Code (I.F.C.), 2024 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.
2. *Civil penalty.* The City may file any other civil actions for enforcement of this article as authorized by law.

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

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

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

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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.

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DIVISION 2. – AMENDMENTS

Sec. 6-151. – Local Amendments to the International Fire Code, 2024 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.), 2024 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., 2024 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.

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TABLE OF LOCAL AMENDMENTS TO THE
2024 INTERNATIONAL FIRE CODE

No.	IFC Code Section No. Title	Local Amendment to IFC
1	IFC 101.1 Title.	<i>Amend section in its entirety to read as follows:</i> 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.”
2	IFC 102.1 Construction and design provisions.	<i>Amend by deleting #3 in its entirety and adding a new #3 to read as follows:</i> 102.1 Construction and design provisions. * * * 3. <i>Existing</i> structures, facilities and conditions when required in Chapter 11 or in specific sections of this code. * * *
3	IFC 104.2.3 Alternative materials, design and methods of construction and equipment.	<i>Amend by deleting the exception in its entirety:</i> 104.2.3 Alternative materials, design and methods of construction and equipment. * * * [Delete the exception.]
4	IFC 104.6 Notices and orders.	<i>Amend section in its entirety to read as follows:</i> 104.6 Notices and orders. The <i>fire code official</i> is authorized to issue necessary notices or orders to ensure compliance with this code. Notices of violations shall be in accordance with Section 113.
5	IFC 105.1 General.	<i>Amend section in its entirety to read as follows:</i> 105.1 General. Permits shall be in accordance with Sections 105.1.1 through 105.6.28.
6	IFC 105.2.3 Time limitation of application.	<i>Amend section in its entirety to read as follows:</i> 105.2.3 Time limitation of application. An application for a <i>permit</i> for any proposed work or operation shall be deemed to have been abandoned 60 days after the date of filing, unless such application has been diligently prosecuted or a <i>permit</i> shall have been issued; except that the <i>fire code official</i> is authorized to grant one or more extensions of time for additional periods not exceeding 60 days each. The extension shall be requested in writing and justifiable cause demonstrated.

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No.	IFC Code Section No. Title	Local Amendment to IFC
7	IFC 105.3.3 Occupancy prohibited before approval.	<i>Amend section in its entirety to read as follows:</i> 105.3.3 Occupancy prohibited before approval. The <i>building</i> 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.
8	IFC 105.6.26 Electronic access control systems.	<i>Amend by adding a new section to read as follows:</i> 105.6.26 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 <i>International Fire Code</i>, 2024 Edition. A separate construction <i>permit</i> is required for the installation or modification of a <i>fire alarm system</i> 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>.
9	IFC 105.6.27 Electric vehicle (EV) charging stations.	<i>Amend by adding a new section to read as follows:</i> 105.6.27 Electric vehicle (EV) charging stations. Construction <i>permits</i> are required to install or modify an electric vehicle charging station. Maintenance performed in accordance with this code is not considered to be a modification and does not require a <i>permit</i>.
10	IFC 105.6.28 Emergency Responder Communications Enhancement Systems.	<i>Amend by adding a new section to read as follows:</i> 105.6.28 Emergency Responder Communications Enhancement Systems. Construction <i>permits</i> are required to install or modify an emergency responder communications enhancement system. Maintenance performed in accordance with this code is not considered to be a modification and does not require a <i>permit</i>.
11	IFC 105.7 Mobile Food Unit Fire Safety Certificate.	<i>Amend by adding a new section to read as follows:</i> 105.7 Mobile Food Unit Fire Safety Certificate. A mobile food unit fire safety certification is required to verify fire and life safety components for mobile food preparation vehicles that are equipped with appliances that produce smoke or grease-laden vapors for the purpose of preparing, cooking, or serving food.
12	IFC 108.1 Fees.	<i>Amend section in its entirety to read as follows:</i> 108.1 Fees. All fees identified in this section must be paid before the <i>permit</i> application is considered complete and before any review, <i>permit</i> issuance, inspection, re-inspection, investigation or outside review begins. All permitted systems and items shall be pre-tested by, or at the direction of, the <i>permit</i> holder before an inspection is scheduled.

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No.	IFC Code Section No. Title	Local Amendment to IFC
13	IFC 108.2 Schedule of permit fees.	<i>Amend section in its entirety to read as follows:</i> 108.2 Schedule of permit fees. Where a <i>permit</i> is required, a fee for each <i>permit</i> shall be paid as required, in accordance with the schedule as established by the applicable governing authority. See Mesquite City Code, Appendix D – Comprehensive Fee Schedule, for applicable fees.
14	IFC 108.3 Permit valuations.	<i>Amend section in its entirety to read as follows:</i> 108.3 Permit valuations. See Mesquite City Code, Appendix D – Comprehensive Fee Schedule, for applicable fees.
15	IFC 108.6 Refunds.	<i>Amend section in its entirety to read as follows:</i> 108.6 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. The <i>fire code official</i> shall not authorize refunding of any fee paid after a <i>permit</i> has been issued.
16	IFC SECTION 112 APPEALS	<i>Amend section in its entirety to read as follows:</i> SECTION 112 APPEALS 112.1 General. Except as otherwise provided, any person shall have the right to appeal an administrative decision of the Building Official, Fire Official, or any other City official to the Building Standards Board, when said decision is relative to the application, enforcement, or interpretation of this Code. The Building Standards Board is established in Mesquite City Code, Chapter 20, Article IV, Division 4 (Building Standards Board). The process and procedures for appealing an administrative decision are set forth in Chapter 5, Article XIII (Appeals of Administrative Decisions to Building Standards Board). Appeal of an Administrative Decision relative to a Certificate of Occupancy: When an appeal of an administrative decision is relative to a Certificate of Occupancy the appeal shall be to the Board of Adjustment for its denial, revocation, suspension, or otherwise (in accordance with Mesquite Zoning Ordinance, Part 5, 5-100, Section 5-106 (Certificate of Occupancy)). The process and procedures for appealing an administrative decision relative to a Certificate of Occupancy, or any other administrative decision made under the Mesquite Zoning Ordinance, are set forth in Mesquite Zoning Ordinance, Part 5, 5-200, Section 5-210 (Appeals of Administrative Decisions to Board of Adjustment).

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No.	IFC Code Section No. Title	Local Amendment to IFC
17	IFC 113.3.3 Prosecution of failure to promptly comply with Notice of Violation.	<i>Amend section title and section in its entirety to read as follows:</i> 113.3.3 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.
18	IFC 113.4 Violation penalties.	<i>Amend section in its entirety to read as follows:</i> 113.4 Violation penalties. Any <i>person</i> 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 <i>building</i> or structure in violation of the <i>approved construction documents</i> or directive of the <i>fire code official</i>, or of a <i>permit</i> or certificate issued under the provisions of this code shall be subject to penalties as prescribed by law and herein in this Article. 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.
19	IFC 114.4 Failure to comply.	<i>Amend section in its entirety to read as follows:</i> 114.4 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 <i>person</i> is directed to perform to remove a violation or unsafe condition.
20	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend section by changing the definition to read as follows:</i> AMBULATORY 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 <i>incapable of self-preservation</i> 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: - Dialysis centers - Sedation dentistry - Surgery centers - Colonic centers - Psychiatric centers
21	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend by adding a new definition to read as follows:</i> ASSISTED LIVING FACILITIES. A building or part thereof housing persons, on a 24-hour basis, who because of age, mental disability or other reasons, live in a supervised residential environment which provides personal care services.

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22	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend section by changing the definition to read as follows:</i> CARBON MONOXIDE SOURCE. A combustion process that has the potential to produce carbon monoxide as a product of combustion under normal or abnormal conditions. <i>Carbon monoxide sources</i> include, but are not limited to solid-, <i>liquid</i>-, or gas-fueled appliances, equipment, devices, or systems, such as fireplaces, furnaces, heaters, boilers, cooking equipment, and vehicles with internal combustion engines.
23	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend by adding a new definition to read as follows:</i> CARBON MONOXIDE SOURCE, DIRECT. A permanently installed <i>carbon monoxide source</i> that is located in an interior space.
24	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend by adding a new definition to read as follows:</i> CARBON MONOXIDE SOURCE, FORCED-INDIRECT. A <i>carbon monoxide source</i> connected to an interior space by a forced air supply duct.
25	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend by changing the definition to read as follows:</i> FIRE WATCH. A temporary measure intended to ensure continuous and systematic surveillance of a <i>building</i> or portion thereof by one or more qualified individuals or standby personnel when required by the <i>fire code official</i>, for the purposes of identifying and controlling fire hazards, detecting early signs of <i>unwanted fire</i>, raising an alarm of fire and notifying the fire department.
26	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend by deleting the first paragraph of fireworks and adding a new first paragraph to read as follows:</i> FIREWORKS. Any composition or device for the purpose of producing a visible or an audible effect for entertainment purposes by combustion, <i>deflagration</i>, <i>detonation</i>, and/or activated by ignition with a match or other heat-producing device that meets the definition of 1.3G <i>fireworks</i> or 1.4G <i>fireworks</i> as set forth herein. * * * <i>[The definitions for Fireworks 1.3G, and Fireworks 1.4G remain unchanged.]</i>
27	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend by adding a second paragraph to read as follows:</i> HIGH-PILED COMBUSTIBLE STORAGE. Storage of combustible materials . . . * * * Any <i>building</i> classified as a group S Occupancy or speculative <i>building</i> 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 <i>fire protection system</i> and <i>life safety system</i> features shall be installed as for Class IV commodities, to the maximum pile height.

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28	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend section by changing the definition to read as follows:</i> HIGH-RISE BUILDING. A <i>building</i> with an occupied floor or occupied roof located more than 55 feet above the lowest level of a <i>fire apparatus access road</i>.
29	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend section by changing the definition to read as follows:</i> 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.
30	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend section by adding a new definition to read as follows:</i> 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.
31	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend section by adding a new definition to read as follows:</i> STANDBY PERSONNEL. Qualified fire service personnel, <i>approved</i> by the <i>Fire Chief</i>. When utilized, the number required shall be as directed by the <i>Fire Chief</i>. Charges for utilization shall be as normally calculated by the <i>jurisdiction</i>.
32	IFC SECTION 202 GENERAL DEFINITIONS	<i>Amend section by adding a new definition to read as follows:</i> UPGRADED OR REPLACED FIRE ALARM SYSTEM. A <i>fire alarm system</i> that is upgraded or replaced includes, but is not limited to the following: 1. Replacing on single board or <i>fire alarm control unit</i> component with a newer model. 2. Installing a new <i>fire alarm control unit</i> in addition to or in place of an <i>existing</i> one. 3. Conversion from a horn system to an <i>emergency voice/alarm communication</i> system. 4. Conversion from a conventional system to one that utilizes addressable or analog devices. The following are not considered an upgrade or replacement: 1. Firmware updates. 2. Software updates. 3. Replacing boards of the same model with chips utilizing the same or newer firmware.

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33	IFC 203.2.3 Associated with Group E occupancies.	<i>Amend section in its entirety to read as follows:</i> 203.2.3 Associated with Group E occupancies. A room or space used for assembly purposes that is associated with a Group E occupancy is not considered a separate occupancy, except when applying the assembly requirements of Chapters 10 and 11.
34	IFC 304.1.1 Valet trash.	<i>Amend by adding the sentence to the end of the paragraph as follows:</i> 304.1.1 Valet trash. * * * Refer to Appendix O for further information.
35	IFC 307.1.1 Prohibited open burning.	<i>Amend by deleting the first paragraph and adding a new first paragraph to read as follows:</i> 307.1.1 Prohibited open burning. <i>Open burning</i> that is offensive or objectionable because of smoke emissions or when atmospheric conditions or local circumstances make such fires hazardous shall be prohibited. * * * <i>[The exception remains unchanged.]</i>
36	IFC 307.2 Permit required.	<i>Amend section in its entirety to read as follows:</i> 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. Examples of state or local law, or regulations referenced elsewhere in this section may include but not be limited to the following: 1. <i>Texas Commission on Environmental Quality</i> (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>.
37	IFC 307.3 Extinguishment authority.	<i>Amend section in its entirety to read as follows:</i> 307.3 Extinguishment Authority. When <i>open burning</i> creates or adds to a hazardous or objectionable situation, or a required <i>permit</i> for <i>open burning</i> has not been obtained, the <i>fire code official</i> is authorized to order the extinguishment of the <i>open burning</i> operation by the <i>permit</i> holder, another responsible party, or the fire department.
38	IFC 307.4 Location.	<i>Amend section by deleting the first paragraph and adding a new first paragraph to read as follows:</i> 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. * * * <i>[The exceptions remain unchanged.]</i>

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39	IFC 307.4.1 Bonfires.	<i>Amend section in its entirety to read as follows:</i> 307.4.1 Bonfires. A <i>bonfire</i> shall not be conducted within 50 feet, or greater distance as determined by the <i>fire code official</i>, of a structure or combustible material, unless the fire is contained in a barbecue pit. Conditions that could cause a fire to spread to within the required setback of a structure shall be eliminated prior to ignition.
40	IFC 307.4.4 Permanent outdoor firepit.	<i>Amend by adding a new section to read as follows:</i> 307.4.4 Permanent Outdoor Firepit. Permanently installed outdoor firepits for <i>recreational fire</i> purposes shall comply with 307.4.4.1 and 3.7.4.4.2. 307.4.4.1 Location. Shall not be installed within 10 feet of a structure or combustible material. Exception: Permanently installed outdoor fireplaces constructed in accordance with the <i>International Building Code</i>. 307.4.4.2 Automatic/Emergency shutoff. Shall be installed with a timer switch to automatically shutoff the flow of gas. The timer switch shall be accompanied with an emergency shutoff switch. Exception: Firepits fueled by <i>LP-gas containers</i> that are limited to a water capacity not greater than 50 pounds [nominal 20-pound LP-gas capacity].
41	IFC 307.4.5 Trench Burns.	<i>Amend by adding a new section to read as follows:</i> 307.4.5 Trench Burns. Trench burns shall be conducted in air curtain trenches and in accordance with Section 307.2.
42	IFC 307.5 Attendance.	<i>Amend section in its entirety to read as follows:</i> 307.5 Attendance. <i>Open burning</i>, trench burns, <i>bonfires</i>, <i>recreational fires</i>, and <i>use</i> of portable or permanent outdoor fireplaces or firepits shall be <i>constantly attended location</i> 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.
43	IFC 308.1.6 Portable fueled open-flame devices.	<i>Amend section by deleting exception #3 in its entirety and adding a new exception #3 to read as follows:</i> 308.1.6 Portable fueled open-flame devices. * * * Exceptions: * * * 3. Torches or flame-producing devices in accordance with Section 308.1.3 or 308.4. * * *
44	IFC 308.1.7 Sky lanterns.	<i>Amend section in its entirety to read as follows:</i> 308.1.7 Sky lanterns. A <i>person</i> 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 <i>sky lantern</i>.

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45	IFC 308.1.9 Aisles and exits.	<i>Amend section in its entirety to read as follows:</i> 308.1.9 Aisles and exits. Candles or open flames shall be prohibited in areas where occupants stand, or in an <i>aisle</i> or <i>exit</i>.
46	IFC 308.1.11 Open-flame cooking devices.	<i>Amend by adding a new section to read as follows:</i> 308.1.11 Open-flame cooking devices. Open-flame cooking devices shall comply with Section 4104.
47	IFC 311.5 Placards.	<i>Amend by deleting the first paragraph and adding a new first paragraph to read as follows:</i> 311.5 Placards. The <i>fire code official</i> is authorized to require marking of any vacant or abandoned <i>buildings</i> or structures determined to be unsafe pursuant to Section 115 of this code relating to structural or interior hazards, as required by Section 311.5.1 through 311.5.5.
48	IFC 314.4 Vehicles.	<i>Amend section in its entirety to read as follows:</i> 314.4 Vehicles. Electric, liquid-fueled, or gaseous-fueled vehicles, aircraft, boats, or other motor craft shall not be located indoors except as follows: 1. The engine starting system is made inoperable, or ignition batteries are disconnected except where the <i>fire code official</i> requires that the batteries remain connected to maintain safety features. 2. Fuel in fuel tanks does not exceed any of the following: 2.1. Class I, II, and III <i>liquid</i> fuel does not exceed one-quarter tank or 5 gallons, whichever is less. 2.2. LP gas does not exceed one-quarter tank or 6.6 gallons, whichever is less. 2.3. CNG does not exceed one-quarter tank or 630 cubic feet, whichever is less. 2.4. Hydrogen does not exceed one-quarter tank or 2,000 cubic feet, whichever is less. 3. Fuel tanks and fill openings are closed and sealed to prevent tampering. 4. Vehicles, aircraft, boats, or other motor craft equipment are not fueled or defueled within the <i>building</i>. 5. Electric vehicles shall not be charged inside <i>buildings</i>, other than where <i>approved</i> in parking garages, or unless otherwise <i>approved</i> by the <i>fire code official</i>.
49	IFC SECTION 323 ELECTRIC VEHICLES (EVs)	<i>Amend by adding a new section to read as follows:</i> SECTION 323 – ELECTRIC VEHICLES (EVs) 323.1 Electric vehicle charging stations. Electric vehicle (EV) charging stations shall not be located inside <i>buildings</i>, except where <i>approved</i> for parking garage locations as per the <i>National Electrical Code</i>. 323.1.1 Charging stations inside parking garage. EV charging stations located in parking garages shall be located at grade level along the exterior perimeter walls and shall be within 150 feet of <i>fire apparatus access road</i>, or shall be located on the top level of the garage with no roof above.

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		323.1.2 Charging stations inside R-3 and R-4 occupancies. <i>Approved</i> charging stations in the <i>private garage</i> shall have a <i>listed</i> heat alarm installed in the garage and interconnected to the <i>smoke alarms</i> inside the <i>dwelling</i>. 323.2 Disconnect. Locations containing electric vehicle charging stations shall be provided with a clearly identified and readily accessible emergency disconnect installed in an <i>approved</i> location. The emergency disconnects for exterior electric vehicle charging stations shall be located within 100 feet of, but not less than 20 feet from the charging stations, unless otherwise <i>approved</i> by the <i>fire code official</i>. 323.2.1 Height. The height of the emergency disconnect switch shall be not less than 42 inches and not more than 48 inches measured vertically, from the floor level to the activating button. 323.2.2 Emergency disconnect sign. Emergency disconnect devices shall be distinctly labeled as: “EMERGENCY ELECTRICAL VEHICLE CHARGER DISCONNECT.” Signs shall be placed in an <i>approved</i> location and shall consist of all of the following: 1. White reflective background with red letters. 2. Weather-resistant durable material. 3. Lettering not less than 2 inches high. 4. Permanently affixed to the <i>building</i> or structure in an <i>approved</i> manner. 323.3 Damaged electric vehicle batteries. Damaged electric vehicle batteries shall not be stored inside any building.
50	IFC 404.2.2 Fire safety plans.	<i>Amend section by adding a new Item 4.10 to read as follows:</i> 404.2.2 Fire safety plans. Fire safety plans shall include the following: * * * 4.10. <i>Fire protection system controls.</i>
51	IFC 405.5 Time.	<i>Amend section in its entirety to read as follows:</i> 405.5 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. Exceptions: 1. <i>[No change.]</i> 2. <i>[No change.]</i> 3. Notification of teachers/staff having supervision of light- or sound-sensitive students/occupants, such as those on the autism spectrum, for the protection of those students/occupants, shall be allowed prior to conducting a drill.

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57	IFC 503.3 Marking.	<i>Amend section in its entirety to read as follows:</i> 503.3 Marking. Striping, signs, or other markings, when <i>approved</i> by the <i>fire code official</i>, shall be provided for <i>fire apparatus access roads</i> 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. 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 <i>buildings</i> or walls or as <i>approved</i> by the <i>fire code official</i>.
58	IFC 503.4 Obstruction of fire apparatus access roads.	<i>Amend section in its entirety to read as follows:</i> 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 503.2.2 and any area marked as a <i>fire lane</i> as described in Section 503.3 shall be maintained at all times.
59	IFC 503.4.1 Traffic calming devices.	<i>Amend section in its entirety to read as follows:</i> 503.4.1 Traffic calming devices. <i>Traffic calming devices</i> are prohibited unless <i>approved</i> in accordance with Section 503.4.1.1 or 503.4.1.2.
60	IFC 503.4.1.1 Public street traffic calming devices.	<i>Amend by adding a new section to read as follows:</i> 503.4.1.1 Public street traffic calming devices. Traffic calming devices may be installed on public streets through the procedure outlined in the City of Mesquite Neighborhood Speed Management Program, which necessitates the approval of the <i>fire code official</i>.
61	IFC 503.4.1.2 Other traffic calming devices.	<i>Amend by adding a new section to read as follows:</i> 503.4.1.2 Other traffic calming devices. <i>Traffic calming devices</i>, other than public streets, shall meet the requirements of <i>Mesquite Fire Department Rules and Regulations, Fire Department Apparatus Access Roads & Devices: Speed Bumps, Speed Humps, Speed Cushions and Other Speed Reducing Devices</i>. A Mesquite Fire Department <i>permit</i> is required prior to the installation of any <i>traffic calming devices</i>.

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62	IFC 503.6 Security gates.	<i>Amend by adding the following text at the end of the section to read as follows:</i> 503.6 Security gates. * * * Security gates across <i>fire apparatus access roads</i> shall meet the requirements of <i>Mesquite Fire Department Rules and Regulations, Gates Across Fire Lanes</i>. A Mesquite Fire Department <i>permit</i> is required prior to the installation of a gate across an access road.
63	IFC 505.1 Address identification.	<i>Amend section in its entirety to read as follows:</i> 505.1 Address identification. New and <i>existing buildings</i> 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 <i>approved</i> locations to facilitate emergency response. Where access is by means of a private road, <i>buildings</i> do not immediately front a street, and/or the <i>building</i> cannot be viewed from the <i>public way</i>, a monument, pole or other sign with <i>approved</i> 6-inch height building numerals or addresses and 4-inch height suite/apartment numerals of a color contrasting with the background of the <i>building</i> or other <i>approved</i> means shall be used to identify the structure. Address identification shall be maintained. 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.
64	IFC 506.1.3 Key box.	<i>Amend by adding a new section to read as follows:</i> 506.1.3 Key box. A <i>key box</i> shall be provided on each occupancy with a <i>fire alarm system</i>, fire sprinkler system, or as otherwise required by the <i>fire code official</i>. The <i>key box</i> shall contain keys for each locked doorway within the <i>building</i> and each elevator. The keys shall be identified as to the corresponding locks.
65	IFC 507.4 Water supply test date and information.	<i>Amend title and section in its entirety to read as follows:</i> 507.4 Water supply test date and information. The water supply test used for hydraulic calculation of <i>fire protection systems</i> 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. Water supply tests shall be conducted by the <i>fire code official</i>. 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 the waterflow test report, or as <i>approved</i> by the <i>fire code official</i>. If a water <i>tank</i> is utilized, the report must indicate the dominant water <i>tank</i> level at the time of the test and the maximum and minimum operating levels of the <i>tank</i>, 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.

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66	IFC 507.5.4 Obstruction.	<i>Amend section in its entirety to read as follows:</i> 507.5.4 Obstruction. Unobstructed access to fire hydrants shall be maintained at all times. Posts, fences, vehicles, growth, <i>trash</i>, 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.
67	IFC 509.1.2 Sign requirements.	<i>Amend by adding a new section to read as follows:</i> 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 <i>building</i> and four (4) inches when located outside, or as <i>approved</i> by the <i>fire code official</i>. Signs identifying locations with fire protection systems shall be with white letters on red background, otherwise the letters shall be of a color that contrasts with the background.
68	IFC 510.6.1 Testing and proof of compliance.	<i>Amend by adding the following text at the end of the section to read as follows:</i> 510.6.1 Testing and proof of compliance. * * * The inspecting radio contractor shall provide an annual inspection tag/sticker on the ERCES' BDA and any remote <i>annunciator</i>. Tag/sticker shall identify <i>approved</i> inspecting contractor's name, physical address, phone number, and FCC license number, and inspector's name, as well as the date of inspection. System shall not be tagged until all inspection requirements of this section are conducted. Tag/sticker shall be blue in color for a passing system. If this is not possible for any reason, tag/sticker shall be red in color for a failing system with reasons for failure indicated on the tag if possible. If red tag/sticker is placed, AHJ/Fire Marshal shall be notified within a maximum of 24 hours.
69	IFC 603.1 General.	<i>Amend section in its entirety to read as follows:</i> 603.1 General. Electrical equipment, wiring and systems required by this code or the <i>International Building Code</i> shall be installed, used and maintained in accordance with NFPA 70 and Sections 603.2 through 603.10.
70	IFC 603.10 Power disconnect box.	<i>Amend by adding a new section to read as follows:</i> 603.10 Power disconnect box. An <i>approved</i> power disconnect box, if required by the <i>fire code official</i>, shall be installed on the exterior of the structure in a place designated by the <i>fire code official</i> when the main electrical disconnect is not located in an <i>approved</i> enclosed electrical room immediately accessible from the exterior of the structure.
71	IFC 604.7 Storage.	<i>Amend section in its entirety to read as follows:</i> 604.7 Storage. Storage is prohibited in elevator cars or elevator machine rooms. Signage shall be provided at the entry doors to the elevator machine room indicating “ELEVATOR MACHINERY – NO STORAGE ALLOWED.” <i>[The exceptions remain unchanged.]</i>

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72	IFC 605.4 Fuel oil storage systems.	<i>Amend section in its entirety to read as follows:</i> 605.4 Fuel oil storage systems. Fuel oil storage systems shall be installed and maintained in accordance with this code. <i>Tanks</i> and fuel-oil piping systems shall be installed in accordance with Chapter 13 of the <i>International Mechanical Code</i> and Chapter 57.
73	IFC 605.4.1 Fuel oil storage in outside, above-ground tanks.	<i>Amend section in its entirety to read as follows:</i> 605.4.1 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. The storage of fuel oil above ground in quantities exceeding 660 gallons shall comply with NFPA 31 and Chapter 57.
74	IFC 605.4.1.1 Approval.	<i>Amend section in its entirety to read as follows:</i> 605.4.1.1 Approval. Outdoor fuel oil storage <i>tanks</i> shall be in accordance with UL 80, UL 142 or UL 2085, and also <i>listed</i> as double-wall/ <i>secondary containment tanks</i> .
75	IFC 605.4.2 Fuel oil storage inside buildings.	<i>Amend section in its entirety to read as follows:</i> 605.4.2 Fuel oil storage inside buildings. Fuel oil storage inside <i>buildings</i> shall comply with Sections 605.4.2.1 through 605.4.2.8 and Chapter 57.
76	IFC 605.4.2.1 Approval.	<i>Amend section in its entirety to read as follows:</i> 605.4.2.1 Approval. Indoor fuel oil storage <i>tanks</i> shall be in accordance with UL 80, UL 142 or UL 2085.
77	IFC 605.4.2.2 Quantity limits.	<i>Amend section in its entirety to read as follows:</i> 605.4.2.2 Quantity limits. One or more fuel oil storage <i>tanks</i> containing Class II or III <i>combustible liquid</i> shall be permitted in a building. The aggregate capacity of all <i>tanks</i> shall not exceed the following: 1. 660 gallons in unsprinklered <i>buildings</i>, where stored in a <i>tank</i> complying with UL 80, UL 142 or UL 2085, and also <i>listed</i> as a double-wall/<i>secondary containment tank</i> for Class II liquids, and the <i>secondary containment</i> shall be monitored visually or automatically. 2. 1,320 gallons in <i>buildings</i> equipped with an <i>automatic sprinkler system</i> in accordance with Section 903.3.1.1, where stored in a <i>tank</i> complying with UL 142 or UL 2085. The <i>tank</i> shall be <i>listed</i> as a <i>secondary containment tank</i>, and the <i>secondary containment</i> shall be monitored visually or automatically. 3. 3,000 gallons in <i>buildings</i> equipped with an <i>automatic sprinkler system</i> in accordance with Section 903.3.1.1, where stored in protected above-ground <i>tanks</i> complying with UL 2085 and Section 5704.2.9.7. The <i>tank</i> shall be <i>listed</i> as a <i>secondary containment tank</i>, as required by UL 2085, and the <i>secondary containment</i> shall be monitored visually or automatically.

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78	IFC 807.5.2.2 Artwork in corridors.	<i>Amend section in its entirety to read as follows:</i> 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. 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.
79	IFC 807.5.2.3 Artwork in classrooms.	<i>Amend section in its entirety to read as follows:</i> 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.
80	IFC 807.5.5.2 Artwork in corridors.	<i>Amend section in its entirety to read as follows:</i> 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. 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.
81	IFC 807.5.5.3 Artwork in classrooms.	<i>Amend section in its entirety to read as follows:</i> 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.
82	IFC 901.4.7.2 Marking on access doors.	<i>Amend section in its entirety to read as follows:</i> 901.4.7.2 Marking on access doors. Access doors for automatic sprinkler system riser rooms and fire pump rooms shall be labeled with an approved sign. The lettering shall be in contrasting color to the background. Letters shall have a minimum height of 4 inches for exterior doors and 2 inches for interior doors.

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83	IFC 901.6.1.1 Standpipe testing.	<i>Amend by adding a new section to read as follows:</i> 901.6.1.1 Standpipe testing. Building owners/managers must maintain and test <i>standpipe</i> systems as per NFPA 25 requirements. The following additional requirements shall be applied to the testing that is required every five years: 1. The piping between the fire department connection (FDC) and the <i>standpipe</i> shall be backflushed or inspected by <i>approved</i> camera when foreign material is present, or when caps are missing and also hydrostatically tested for all FDCs on any type of <i>standpipe</i> system. Hydrostatic testing shall also be conducted in accordance with NFPA 25 requirements for the different types of <i>standpipe</i> systems. 2. For any <i>manual (dry or wet) standpipe</i> system not having an <i>automatic</i> water supply capable of flowing water through the <i>standpipe</i>, the tester shall connect hose from a fire hydrant or portable pumping system (as <i>approved</i> by the <i>fire code official</i>) to each FDC, and flow water through the <i>standpipe</i> 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 <i>standpipe</i>. 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. 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 <i>standpipe</i> test, place a blue tag (as per <i>Texas Administrative Code, Fire Sprinkler Rules</i> for Inspection, Test and Maintenance Service (ITM) Tag) at the bottom of each <i>standpipe</i> 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 <i>Texas Administrative Code Fire Sprinkler Rules</i> with regard to Yellow Tags and Red Tags or any deficiencies noted during the testing, including the required notification of the local authority having <i>jurisdiction (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. <i>Standpipe</i> system tests where water will be flowed external to the <i>building</i> 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 <i>existing</i> fire hose from <i>Class II</i> and <i>III standpipe</i> systems where employees are not trained in the utilization of this firefighting equipment. All <i>standpipe</i> 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>.
84	IFC 901.6.4 False alarms and nuisance alarms.	<i>Amend by adding a new section to read as follows:</i> 901.6.4 False alarms and nuisance alarms. <i>False alarms</i> and <i>nuisance alarms</i> shall not be given, signaled or transmitted or caused or permitted to be given, signaled or transmitted in any manner.

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85	IFC 901.7 Systems out of service.	<i>Amend by deleting the first paragraph and adding a new first paragraph to read as follows:</i> 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 <i>building</i> 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.
86	IFC 903.1.1 Alternative protection.	<i>Amend section in its entirety to read as follows:</i> 903.1.1 Alternative protection. Alternative <i>automatic fire-extinguishing systems</i> complying with Section 904 shall be permitted in addition to <i>automatic fire sprinkler protection</i> where recognized by the applicable standard, or as <i>approved by the fire code official</i>.
87	IFC 903.1.2 Residential systems.	<i>Amend by adding a new section to read as follows:</i> 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.
88	IFC 903.2 Where required.	<i>Amend section in its entirety to read as follows:</i> 903.2 Where required. <i>Approved automatic fire sprinkler systems</i> in new <i>buildings</i> and structures shall be provided in the locations described in Sections 903.2.1 through 903.2.12. <i>Automatic sprinklers</i> 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. <i>[Delete the exception.]</i>
89	IFC 903.2.2.1 Ambulatory care facilities.	<i>Amend exception in its entirety to read as follows:</i> 903.2.2.1 Ambulatory care facilities. * * * Exception: Unless otherwise required by this code, floors classified as an <i>open parking garage</i> are not required to be sprinklered.
90	IFC 903.2.9.4 Group S-1 upholstered furniture and mattresses.	<i>Amend by deleting the exception in its entirety:</i> 903.2.9.4 Group S-1 upholstered furniture and mattresses. * * * <i>[Delete the exception.]</i>

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91	IFC 903.2.9.5 Self-service storage facility.	<i>Amend by adding a new section to read as follows:</i> 903.2.9.5 Self-service storage facility. An <i>automatic sprinkler system</i> shall be installed throughout all self-service storage facilities. The minimum sprinkler system design shall be based on an Ordinary Hazard Group II classification, in accordance with NFPA 13 requirements. Physical construction in compliance with open-grid ceilings as per NFPA 13, such as an open metal grid ceiling or chicken wire that does not obstruct the overhead sprinkler protection, shall be installed to prevent storage from exceeding the lower of either 12 feet above finished floor or 18 inches beneath standard sprinkler head deflectors. At least one sprinkler head shall be provided in each storage unit/room (additional sprinklers may be necessary for compliance with NFPA 13 spacing requirements), regardless of wall height or construction type separating such units.
92	IFC 903.2.11.3 Buildings 35 feet or more in height.	<i>Amend title and section in its entirety to read as follows:</i> 903.2.11.3 Buildings 35 feet or more in height. An <i>automatic sprinkler system</i> shall be installed throughout <i>buildings</i> that have one or more stories other than penthouses in compliance with Section 1511 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. <i>[Delete the exception.]</i>
93	IFC 903.2.11.7 High-piled combustible storage.	<i>Amend by adding a new section to read as follows:</i> 903.2.11.7 High-piled combustible storage. For any <i>building</i> with a clear height exceeding 12 feet, see Chapter 32 to determine if those provisions apply.
94	IFC 903.2.11.8 Spray booths and rooms.	<i>Amend by adding a new section to read as follows:</i> 903.2.11.8 Spray booths and rooms. New and <i>existing spray booths and spraying rooms</i> shall be protected by an <i>approved automatic fire-extinguishing system</i>.
95	IFC 903.2.11.9 Buildings over 6,000 square feet.	<i>Amend by adding a new section to read as follows:</i> 903.2.11.9 Buildings over 6,000 square feet. An <i>automatic sprinkler system</i> shall be installed throughout all <i>buildings</i> with a <i>building area</i> over 6,000 square feet or greater and in all <i>existing buildings</i> 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 <i>buildings</i>. Exception: <i>Open parking garages</i> complying with 903.2.10 and aircraft hangars in compliance with Section 914.8 of the <i>International Fire Code</i>.

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96	IFC 903.3.1.1.1 Exempt locations.	<i>Amend section in its entirety to read as follows:</i> 903.3.1.1.1 Exempt locations. When approved by the fire code official, automatic sprinklers shall not be required in the following rooms or areas where such rooms or areas are protected with an approved 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. 1. A room or space where sprinklers constitute a serious life or fire hazard because of the nature of the contents, where approved by the fire code official. 2. 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 fire-resistance rating of not less than 2 hours. 3. Elevator machine rooms, machinery spaces, and hoistways, other than pits where such sprinklers would not necessitate shunt trip requirements under any circumstances.
97	IFC 903.3.1.2 NFPA 13R sprinkler systems.	<i>Amend section in its entirety to read as follows:</i> 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.
98	IFC 903.3.1.2.1 Balconies and decks.	<i>Amend by deleting the section in its entirety:</i> 903.3.1.2.1 Balconies and decks.
99	IFC 903.3.1.2.2 Corridors and balconies in the means of egress.	<i>Amend by deleting the section in its entirety:</i> 903.3.1.2.2 Corridors and balconies in the means of egress.
100	IFC 903.3.1.2.3 Attics.	<i>Amend by deleting the section in its entirety:</i> 903.3.1.2.3 Attics.
101	IFC 903.3.1.3 NFPA 13D sprinkler systems.	<i>Amend section in its entirety to read as follows:</i> 903.3.1.3 NFPA 13D sprinkler systems. Automatic sprinkler systems installed in one- and two-family dwellings; Group R-3; Group R-4 Condition 1 and townhouses shall be permitted to be installed throughout in accordance with NFPA 13D or in accordance with state law.
102	IFC 903.3.1.4 Freeze protection.	<i>Amend by adding a new section to read as follows:</i> 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.

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103	IFC 903.3.1.4.1 Attics.	<i>Amend by adding a new section to read as follows:</i> 903.3.1.4.1 Attics. Only dry-pipe, preaction, or <i>listed</i> antifreeze automatic fire sprinkler systems shall be allowed to protect unheated <i>attic</i> spaces. Exception: Wet-pipe fire sprinkler systems shall be allowed to protect non-ventilated <i>attic</i> space where: 1. The <i>attic</i> sprinklers are supplied by a separate floor control valve assembly to allow ease of draining the <i>attic</i> 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 <i>attic</i> 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.
104	IFC 903.3.1.4.2 Heat trace/insulation.	<i>Amend by adding a new section to read as follows:</i> 903.3.1.4.2 Heat trace/insulation. Heat trace/insulation shall only be allowed where <i>approved</i> by the <i>fire code official</i> for small sections of large diameter water-filled pipe.
105	IFC 903.3.5 Water supplies.	<i>Amend by replacing the section in its entirety to read as follows:</i> 903.3.5 Water supplies. Water supplies for <i>automatic sprinkler systems</i> shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the most current <i>City of Mesquite: Engineering Design Manual</i>. For connections to public waterworks systems, the water supply test used for design of <i>fire protection systems</i> shall be adjusted to account for seasonal and daily pressure fluctuations based on information from the water supply authority and as <i>approved</i> by the <i>fire code official</i>. 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.
106	IFC 903.3.5.2 Residential combination services.	<i>Amend by deleting the section in its entirety:</i> 903.3.5.2 Residential combination services.
107	IFC 903.3.9 Building floor control valves.	<i>Amend by replacing the title and section in its entirety to read as follows:</i> 903.3.9 Building floor control valves. <i>Approved</i> supervised indicating control valves shall be provided at the point of connection to the riser as indicated below: 1. In high rise <i>buildings</i>, floor control assemblies shall be located in protected stairwells, or as otherwise <i>approved</i> by the <i>fire code official</i>. 2. In all other <i>buildings</i>, floor control assemblies shall be located as <i>approved</i> by the <i>fire code official</i>.

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108	IFC 903.4.1 Electronic supervision.	<i>Amend by adding a second paragraph after the exceptions to read as follows:</i> 903.4.1 Electronic supervision. * * * Sprinkler and <i>standpipe</i> system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds. Reference Section 903.3.9 for required floor control assemblies. All control valves in the sprinkler and <i>standpipe</i> systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.
109	IFC 903.4.3 Alarms.	<i>Amend by adding a second paragraph to read as follows:</i> 903.4.3 Alarms. * * * The alarm device required on the exterior of the <i>building</i> 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.
110	IFC 905.3.8 Buildings exceeding 10,000 sq. ft.	<i>Amend by adding a new section to read as follows:</i> 905.3.8 Buildings exceeding 10,000 sq. ft. In <i>buildings</i> exceeding 10,000 square feet in area per <i>story</i> 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, <i>Class I standpipes</i> shall be provided.
111	IFC 905.4 Location of Class I standpipe hose connections.	<i>Amend section by replacing Item #5 and a new Item #7 to read as follows:</i> 905.4 Location of Class I standpipe hose connections. * * * 5. Where the roof has a slope less than 4 units vertical in 12 units horizontal (33.3-percent slope), each <i>standpipe</i> shall be provided with a two-way a hose connection shall be located to serve the roof or at the highest landing of an <i>interior exit stairway</i> with <i>stair</i> access to the roof provided in accordance with Section 1011.12. 6. <i>[No change.]</i> 7. When required by this Chapter, <i>standpipe</i> 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 <i>approved</i> by the <i>fire code official</i>.
112	IFC 905.8 Dry standpipes.	<i>Amend by replacing the section in its entirety to read as follows:</i> 905.8 Dry standpipes. <i>Dry standpipes</i> shall not be installed. Exception: Where subject to freezing and in accordance with NFPA 14. Additionally, manual dry <i>standpipe</i> systems shall be supervised with a minimum of 10 psig and a maximum of 40 psig air pressure with a high/low supervisory alarm.

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113	IFC 905.9 Valve supervision.	<i>Amend by adding the following text at the end of the section to read as follows:</i> 905.9 Valve supervision. * * * Sprinkler and <i>standpipe</i> system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and <i>standpipe</i> systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering. Sprinkler systems in multistory <i>buildings</i> 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.
114	IFC 906.1(1) Where required.	<i>Amend by deleting Exception #3 in its entirety:</i> 906.1 Where required. *** 1. In new and <i>existing</i> Group A, B, E, F, H, I, M, R-1, R-2, R-4 and S occupancies. Exceptions: *** <i>[Delete exception #3 in its entirety.]</i>
115	IFC 907.1.4 Design standard.	<i>Amend by adding a new section to read as follows:</i> 907.1.4 Design standard. Where a new <i>fire alarm system</i> is installed, the devices shall be addressable.
116	IFC 907.2.1 Group A.	<i>Amend by replacing the section in its entirety to read as follows:</i> 907.2.1 Group A. A manual <i>fire alarm system</i> that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies having an <i>occupant load</i> of 300 or more <i>persons</i>, or where the <i>occupant load</i> is more than 100 <i>persons</i> above or below the lowest <i>level of exit discharge</i>. 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 <i>fire alarm system</i> as required for the Group E occupancy. Exceptions: <i>[No change.]</i>

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117	IFC 907.2.3 Group E.	<i>Amend section by deleting the first paragraph and Exception #1 in its entirety and adding a new first paragraph and Exception #1 and Item 1.1 to read as follows:</i> 907.2.3 Group E. A manual <i>fire alarm system</i> that initiates the occupant notification signal utilizing an <i>emergency voice/alarm communication system</i> 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 <i>smoke detectors</i> are installed, such systems or detectors shall be connected to the building <i>fire alarm system</i>. 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 <i>buildings</i>, whether portable <i>buildings</i> or the main building, will be considered one <i>building</i> for alarm <i>occupant load</i> consideration and interconnection of alarm systems. Exceptions: 1. A manual <i>fire alarm system</i> is not required in Group E occupancies with an <i>occupant load</i> of 50 or less. 1.1 Residential In-Home day care with not more than 12 children may use interconnected single station detectors in all habitable rooms. (For care of more than five children 2½ or less years of age, see Section 907.2.6.) <i>[Exceptions 2, 3, and 4 remain unchanged.]</i>
118	IFC 907.2.10.1 Public- and self-storage occupancies.	<i>Amend by replacing the section in its entirety to read as follows:</i> 907.2.10.1 Public- and self-storage occupancies. A manual <i>fire alarm system</i> that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group S public- and self-storage occupancies for interior <i>corridors</i> and interior common areas. Visible notification appliances are not required within storage units. Exception: <i>[No change.]</i>
119	IFC 907.2.13 High-rise buildings.	<i>Amend section by deleting Exception #3 in its entirety and adding a new Exception #3 to read as follows:</i> 907.2.13 High-rise buildings. * * * Exceptions: * * * 3. Open air portions of <i>buildings</i> 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. * * *
120	IFC 907.3.1.1 Duct smoke detector supervisory signal.	<i>Amend by adding a new section to read as follows:</i> 907.3.1.1 Duct smoke detector supervisory signal. Duct smoke detectors required to be monitored in a supervisory shall be programmed in a “latching” configuration.

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121	IFC 907.4.2.7 Type.	<i>Amend by adding a new section to read as follows:</i> 907.4.2.7 Type. Manual alarm <i>initiating devices</i> shall be an <i>approved</i> double-action type.
122	IFC 907.6.1.1 Wiring Installation.	<i>Amend by adding a new section to read as follows:</i> 907.6.1.1 Wiring Installation. All <i>fire alarm systems</i> shall be installed in such a manner that a failure of any single <i>initiating device</i> 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 <i>initiating device</i> circuit (IDC) from a signaling line circuit interface device may be wired Class B, provided the distance from the interface device to the <i>initiating device</i> is ten feet or less.
123	IFC 907.6.3 Initiating device identification.	<i>Amend by deleting all exceptions in their entirety.</i> 907.6.3 Initiating device identification. * * * <i>[Delete the exceptions.]</i>
124	IFC 907.6.6 Monitoring.	<i>Amend by deleting the first paragraph in its entirety and adding a new paragraph to read as follows:</i> 907.6.6 Monitoring. <i>Fire alarm systems</i> 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. * * * <i>[The exceptions remain unchanged.]</i>
125	IFC 910.2 Where required.	<i>Amend by replacing the section in its entirety to read as follows:</i> 910.2 Where required. Smoke and heat vents or a mechanical smoke removal system shall be installed as required by Sections 910.2.1 and 910.2.3. Exceptions: 1. Frozen food warehouses used solely for storage of Class I and II commodities where protected by an <i>approved automatic sprinkler system</i>. 2. Only manual smoke and heat removal shall be required in areas of <i>buildings</i> equipped with <i>early suppression fast-response (ESFR) sprinklers</i>. <i>Automatic</i> smoke and heat removal is prohibited. 3. Only manual smoke and heat removal shall be required in areas of <i>buildings</i> equipped with control mode special application sprinklers with a response time index of $50(m*s)^{1/2}$ or less that are <i>listed</i> to control a fire in stored commodities with 12 or fewer sprinklers. <i>Automatic</i> smoke and heat removal is prohibited.

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126	IFC 910.2.3 Group H.	<i>Amend by adding a new section to read as follows:</i> 910.2.3 Group H. Buildings and portions thereof used as a Group H occupancy as follows: 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. Exception: <i>Buildings</i> of noncombustible construction containing only non-combustible materials. 2. In areas of <i>buildings</i> in Group H used for storing Class 2, 3 and 4 <i>liquid</i> and solid <i>oxidizers</i>, Class 1 and unclassified detonable <i>organic peroxides</i>, Class 3 and 4 <i>unstable (reactive) materials</i>, or Class 2 or 3 <i>water-reactive materials</i> as required for a high-hazard <i>commodity</i> classification. Exception: <i>Buildings</i> of noncombustible construction containing only non-combustible materials.
127	IFC 910.3.4 Vent operation.	<i>Amend by replacing the section in its entirety to read as follows:</i> 910.3.4 Vent operation. Smoke and heat vents shall be capable of being operated by approved 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.
128	IFC 910.3.4.1 Sprinklered buildings.	<i>Amend by adding a new section to read as follows:</i> 910.3.4.1 Sprinklered buildings. Where installed in buildings equipped with an approved 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 greater than the temperature rating of the sprinklers installed. Exception: Manual only systems per Section 910.2.
129	IFC 910.3.4.2 Nonsprinklered buildings.	<i>Amend by adding a new section to read as follows:</i> 910.3.4.2 Nonsprinklered buildings. Where installed in buildings not equipped with an <i>approved automatic sprinkler system</i>, 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. Exception: Listed gravity-operated drop out vents.
130	IFC 910.4.3.1 Makeup air.	<i>Amend section in its entirety to read as follows:</i> 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 <i>automatic</i>. The minimum gross area of makeup air inlets shall be 8 square feet per 1,000 cubic feet per minute of smoke exhaust.

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131	IFC 910.4.5 Manual control location.	<i>Amend section in its entirety to read as follows:</i> 910.4.5 Manual control location. Manual controls shall be located, at a location <i>approved</i> by the <i>fire code official</i>, where they are able to be accessed by the fire service from an exterior door of the building and separated from the remainder of the building by not less than 1-hour <i>fire barriers</i> constructed in accordance with Section 707 of the <i>International Building Code</i> or <i>horizontal assemblies</i> constructed in accordance with Section 711 of the <i>International Building Code</i>, or both.
132	IFC 910.4.5.1 Signage.	<i>Amend by adding a new section to read as follows:</i> 910.4.5.1 Signage. The exterior door containing the firefighter controls to the smoke and heat removal system shall be marked “FIRE SMOKE VENT CONTROLS” with 4-inch-high letters contrasting in color to the background.
133	IFC 910.4.7.1 Occupant operation.	<i>Amend by adding a new section to read as follows:</i> 910.4.7.1 Occupant operation. Occupant operation of the mechanical smoke removal system is prohibited. Exception: Where permitted by the <i>fire code official</i>, separate controls can be installed for occupant use, provided that activation of the automatic fire sprinkler system overrides the occupant controls to an off position through the fire alarm system.
134	IFC 910.4.7.2 Signs.	<i>Amend by adding a new section to read as follows:</i> 910.4.7.2 Signs. An approved permanent sign shall be installed on the mechanical smoke removal system control board. Such sign shall read: “FIREFIGHTER CONTROL ONLY” with red letters not less than 1 inch in size on a white background.
135	IFC 910.4.7.3 Map.	<i>Amend by adding a new section to read as follows:</i> 910.4.7.3 Map. An approved map of the building served by the mechanical smoke removal system shall be provided adjacent to the mechanical smoke removal system control board indicating the location of the exhaust fan and associated make up air intake to which control switch.
136	IFC 912.2 Location.	<i>Amend section in its entirety to read as follows:</i> 912.2 Location. With respect to hydrants, driveways, <i>buildings</i> and landscaping, fire department connections shall be so located that fire apparatus and hose connected to supply the system will not obstruct access to the <i>buildings</i> for other fire apparatus. The location of fire department connections shall be located within 50 feet of a <i>fire apparatus access road</i> and <i>approved</i> by the <i>fire code official</i>.
137	IFC 912.2.3 Hydrant distance.	<i>Amend by adding a new section to read as follows:</i> 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.

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138	IFC 913.1.1 Access.	<i>Amend by adding a new section to read as follows:</i> 913.1.1 Access. 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 3 ft. in width and 6 ft.– 8 in. in height, regardless of any interior doors that are provided. A key box shall be provided at this door, as required by IFC Section 506.1. Exception: When it is necessary to locate the fire pump room on other levels or not at an exterior wall, the corridor 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 approved by the fire code official. Access keys shall be provided in the key box as required by IFC Section 506.1.
139	IFC 913.2.1 Protection of fire pump rooms.	<i>Amend by adding a second paragraph and an exception to section to read as follows:</i> 913.2.1 Protection of fire pump rooms. * * * When located on the ground level at an <i>exterior wall</i>, 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. Exception: When it is necessary to locate the fire pump room on other levels or not at an <i>exterior wall</i>, the <i>corridor</i> leading to the fire pump room access from the exterior of the <i>building</i> shall be provided with equivalent <i>fire-resistance rating</i> 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 <i>key box</i> as required by Section 506.1.
140	IFC 914.3.1.2 Water supply to required fire pumps.	<i>Amend by deleting the first paragraph in its entirety and adding a new first paragraph to read as follows:</i> 914.3.1.2 Water supply to required fire pumps. In <i>buildings</i> that are more than 120 feet in <i>building height</i>, 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. * * * <i>[Exception remains unchanged.]</i>

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141	IFC SECTION 915 CARBON MONOXIDE (CO) DETECTION	<i>Amend by replacing Section 915 in its entirety and adding a new section paragraph to read as follows:</i> SECTION 915 - CARBON MONOXIDE (CO) DETECTION 915.1 General. New and <i>existing buildings</i> shall be provided with carbon monoxide (CO) detection in accordance with Sections 915.2 through 915.5. 915.2 Where required. Carbon monoxide detection shall be provided in interior spaces, other than <i>dwelling units</i> or <i>sleeping units</i>, that are exposed to a <i>carbon monoxide source</i> in accordance with Sections 915.2.1 through 915.2.3. Carbon monoxide detection for <i>dwelling units</i> or <i>sleeping units</i> that are exposed to a <i>carbon monoxide source</i> shall be in accordance with Section 915.2.4. 915.2.1 Interior spaces with direct carbon monoxide sources. In all occupancies, interior spaces with a direct <i>carbon monoxide source</i> shall be provided with carbon monoxide detection located in close proximity to the direct <i>carbon monoxide source</i> and in accordance with Section 915.3. Exception: Where environmental conditions in an enclosed space are incompatible with carbon monoxide detection devices, carbon monoxide detection shall be provided in an <i>approved</i> adjacent location. 915.2.2 Interior spaces adjacent to a space containing a carbon monoxide source. In Groups A, B, E, I, M and R Occupancies, interior spaces that are separated from and adjacent to an enclosed parking garage or an interior space that contains a direct <i>carbon monoxide source</i> shall be provided with carbon monoxide detection if there are communicating openings between the spaces. Detection devices shall be located in close proximity to communicating openings on the side that is furthest from the <i>carbon monoxide source</i> and in accordance with Section 915.3. Exceptions: - Where communicating openings between the space containing a <i>direct carbon monoxide source</i> and the adjacent space are permanently sealed airtight, carbon monoxide detection is not required for the adjacent space. - Where the <i>fire code official</i> determines that the volume or configuration of the adjacent interior space is such that dilution or geometry would diminish the effectiveness of carbon monoxide detection devices located in such spaces, detection devices additional to those required by Section 915.2.1 shall be located on the side of communicating openings that is closest to the <i>carbon monoxide source</i>. 915.2.3 Interior spaces with forced-indirect carbon monoxide sources. In all occupancies, interior spaces with a <i>forced-indirect carbon monoxide source</i> shall be provided with carbon monoxide detection in accordance with either of the following: - Detection in each space with a <i>forced-indirect carbon monoxide source</i>, located in accordance with Section 915.3. - Detection only in the first space served by the main duct leaving the forced-indirect <i>carbon monoxide source</i>, located in accordance with Section 915.3, with an audible and visual <i>alarm signal</i> provided at an <i>approved</i> location.
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	915.2.4 Dwelling units and sleeping units. Carbon monoxide detection for <i>dwelling units</i> and <i>sleeping units</i> shall comply with Sections 915.2.4.1 and 915.2.4.2. 915.2.4.1 Direct carbon monoxide sources. Where a direct <i>carbon monoxide source</i> is located in a bedroom or sleeping room, or a bathroom attached to either, carbon monoxide detection shall be installed in the bedroom or sleeping room. Where carbon monoxide detection is not installed in bedrooms or sleeping rooms, carbon monoxide detection shall be installed outside of each separate sleeping area in close proximity to bedrooms or sleeping rooms for either of the following conditions: 1. The <i>dwelling unit</i> or <i>sleeping unit</i> has a communicating opening to an attached, enclosed garage. 2. A direct <i>carbon monoxide source</i> is located in the <i>dwelling unit</i> or <i>sleeping unit</i> outside of bedrooms or sleeping rooms. 915.2.4.2 Forced-indirect carbon monoxide sources. Bedrooms or sleeping rooms in <i>dwelling units</i> or <i>sleeping units</i> that are exposed to a <i>forced-indirect carbon monoxide source</i> shall be provided with carbon monoxide detection in accordance with Section 915.2.4.1 or Section 915.2.3. 915.3 Location of detection devices. Carbon monoxide detection devices shall be installed in accordance with manufacturer's instructions in a location that avoids dead air spaces, turbulent air spaces, fresh air returns, open windows, and obstructions that would inhibit accumulation of carbon monoxide at the detection location. Carbon monoxide detection in air ducts or <i>plenums</i> shall not be permitted as an alternative to required detection locations. 915.4 Permissible detection devices. Carbon monoxide detection shall be provided by a carbon monoxide detection system complying with Section 915.4.2 unless <i>carbon monoxide alarms</i> are permitted by Sections 915.4.1. 915.4.1 Carbon monoxide alarms. <i>Carbon monoxide alarms</i> complying with Sections 915.4.1.1 through 915.4.1.3 shall be permitted in lieu of a carbon monoxide detection system in both of the following: 1. <i>Dwelling units</i> and <i>sleeping units</i>. 2. Locations other than <i>dwelling units</i> or <i>sleeping units</i>, where <i>approved</i>, provided that the manufacturer's instructions do not prohibit installation in locations other than <i>dwelling units</i> or <i>sleeping units</i> and that the <i>alarm signal</i> for any <i>carbon monoxide alarm</i> installed in a normally unoccupied location is annunciated by an audible and visual signal in an <i>approved</i> location. 915.4.1.1 Power source. In <i>buildings</i> with a wired power source, <i>carbon monoxide alarms</i> shall receive their primary power from a permanent connection to building wiring, with no disconnecting means other than for overcurrent protection, and shall be provided with a battery backup. In <i>buildings</i> without a wired power source, <i>carbon monoxide alarms</i> shall be battery powered. Exception: For <i>existing buildings</i> not previously required to have <i>carbon monoxide alarms</i> permanently connected to a wired power source, <i>existing</i> battery-powered and plug-in with battery backup <i>carbon monoxide alarms</i> shall be permitted to remain in service. When replaced,
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		replacement with battery-powered and plug-in with battery backup <i>carbon monoxide alarms</i> shall be permitted. 915.4.1.2 Listings. <i>Carbon monoxide alarms</i> shall be <i>listed</i> in accordance with UL 2034. Combination carbon monoxide/<i>smoke alarms</i> shall also be <i>listed</i> in accordance with UL 217. 915.4.1.3 Interconnection. Where more than one <i>carbon monoxide alarm</i> is installed, actuation of any alarm shall cause all of the alarms to signal an alarm condition. 915.4.2 Carbon monoxide detection systems. Carbon monoxide detection systems shall be installed in accordance with NFPA 72. 915.4.2.1 Fire alarm system integration. Where a building <i>fire alarm system</i> or combination <i>fire alarm system</i>, as defined in NFPA 72, is installed, carbon monoxide detection shall be provided by connecting carbon monoxide detectors to the <i>fire alarm system</i>. Where a building <i>fire alarm system</i> or a combination <i>fire alarm system</i> is not installed, carbon monoxide detection shall be provided by connecting carbon monoxide detectors to a carbon monoxide detection system complying with NFPA 72. 915.4.2.2 Listings. Carbon monoxide detectors shall be <i>listed</i> in accordance with UL 2075. Combination carbon monoxide/<i>smoke detectors</i> shall be <i>listed</i> in accordance with UL 268 and UL 2075. 915.4.2.3 Alarm notification. For other than Group E Occupancies, activation of a carbon monoxide detector shall initiate alarm notification in accordance with any of the following: 1. An audible and visible alarm notification throughout the <i>building</i> and at the control unit. 2. Where specified in an <i>approved</i> fire safety plan, an audible and visible alarm in the signaling <i>zone</i> where the carbon monoxide has been detected and other signaling <i>zones</i> specified in the fire safety plan, and at the control unit. 3. Where a sounder base is provided for each detector, an audible alarm at the activated carbon monoxide detector and an audible and visible alarm at the control unit. For Group E Occupancies having an <i>occupant load</i> of 30 or less, alarm notification shall be provided in an on-site location staffed by school personnel or in accordance with the notification requirements for other occupancies. For Group E occupancies having an <i>occupant load</i> of more than 30, an audible and visible alarm shall be provided in an on-site location staffed by school personnel. 915.5 Maintenance. <i>Carbon monoxide alarms</i> and carbon monoxide detection systems shall be maintained in accordance with NFPA 72 and the manufacturer's instructions. <i>Carbon monoxide alarms</i> and carbon monoxide detectors that become inoperable or begin producing end-of-life signals shall be replaced.
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142	IFC 1006.2.1 Egress based on occupant load and common path of egress travel distance.	<i>Amend by replacing the Exception #3 in its entirety to read as follows:</i> 1006.2.1 Egress based on occupant load and common path of egress travel distance. * * * Exceptions: * * * 3. Unoccupied rooftop mechanical rooms and penthouses are not required to comply with the common path of egress travel distance measurement.
143	IFC 1009.1 Accessible means of egress required.	<i>Amend section by adding Exception #3 to read as follows:</i> 1009.1 Accessible means of egress required. * * * Exceptions: * * * 3. 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.
144	IFC Table 1010.2.4 MANUAL BOLTS, AUTOMATIC FLUSH BOLTS AND CONSTANT LATCHING BOLTS ON THE INACTIVE LEAF OF A PAIR OF DOORS	<i>Amend Table 1010.2.4 by replacing within Lines #1 and 2 as indicated to read as follows:</i> Table 1010.2.4 - MANUAL BOLTS, AUTOMATIC FLUSH BOLTS AND CONSTANT LATCHING BOLTS ON THE INACTIVE LEAF OF A PAIR OF DOORS [Line item #1] Group B, F, M or S occupancies with occupant load less than 50. [Remainder of line unchanged] [Line item #2] Group A, B, F, M or S occupancies where the building is equipped with an automatic sprinkler system in accordance with Section 903.3.1.1 and the inactive leaf is not needed to meet egress capacity requirements. [Remainder of line unchanged]
145	IFC 1020.2 Construction.	<i>Amend section by adding Exception #6 to read as follows:</i> 1020.2 Construction. * * * Exceptions: * * * 6. In unsprinklered Group B occupancies, corridor walls and ceilings need not be of fire-resistive construction within a single tenant space when the space is equipped with approved automatic smoke-detection within the corridor. The actuation of any detector must activate self-annunciating alarms audible in all areas within the corridor. Smoke detectors must be connected to an approved automatic fire alarm system where such system is provided.
146	IFC 1030.1.1.1 Spaces under grandstands and bleachers.	<i>Amend by deleting the section in its entirety.</i>

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147	IFC 1103.5.3 Group I-2, Condition 2.	<i>Amend section in its entirety to read as follows:</i> 1103.5.3 Group I-2, Condition 2. In addition to the requirements of Section 1103.5.2, <i>existing buildings</i> of Group I-2, Condition 2 occupancy shall be equipped throughout with an <i>approved automatic sprinkler system</i> in accordance with Section 903.3.1.1. The <i>automatic sprinkler system</i> shall be installed within 24-months from date of notification by the <i>fire code official</i> .
148	IFC 1103.5.4 High-rise buildings.	<i>Amend section in its entirety to read as follows:</i> 1103.5.4 High-rise buildings. Reference Appendix M – HIGH-RISE BUILDINGS – RETROACTIVE AUTOMATIC SPRINKLER REQUIREMENT.
149	IFC 1103.5.6 Spray booths and rooms.	<i>Amend by adding a new section to read as follows:</i> 1103.5.6 Spray booths and rooms. <i>Existing spray booths and spray rooms</i> shall be protected by an <i>approved automatic fire-extinguishing system</i> in accordance with Section 2404.
150	IFC 1103.7.7 Fire alarm system design standards.	<i>Amend by adding a new section to read as follows:</i> 1103.7.7 Fire alarm system design standards. Where an <i>existing fire alarm system</i> is upgraded or replaced, the devices shall be addressable. <i>Fire alarm systems</i> utilizing more than 20 smoke and/or <i>heat detectors</i> shall have analog <i>initiating devices</i> .
151	IFC 1103.7.7.1 Communication requirements.	<i>Amend by adding a new section to read as follows:</i> 1103.7.7.1 Communication requirements. Refer to Section 907.6.6 for applicable requirements.
152	IFC 1103.9 Carbon monoxide detection.	<i>Amend section in its entirety to read as follows:</i> 1103.9 Carbon monoxide detection. Carbon monoxide detection shall be installed in <i>existing buildings</i> in accordance with Section 915.
153	IFC 1201.4 Electrical shutdown.	<i>Amend section by adding a new section to read as follows:</i> 1201.4 Electrical shutdown. Energy systems including solar photovoltaic power systems, <i>stationary fuel cell power systems</i> , or electrical <i>energy storage systems</i> shall have a power disconnect box. The location shall be at an <i>approved exterior door entrance</i> . The box shall only be accessible by the fire department and shall be keyed to the fire department <i>key box</i> as outlined in Section 506.

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154	IFC 1207.2 Commissioning, decommissioning, operation and maintenance.	<i>Amend section in its entirety to read as follows:</i> 1207.2 Commissioning, decommissioning, operation and maintenance. Commissioning, decommissioning, operation and maintenance shall be conducted in accordance with this section. In addition to the ordinary inspection and test requirements that <i>buildings</i>, structures and parts thereof are required to undergo, <i>Energy Storage Systems</i> subject to the provisions of Section 1207 shall undergo special inspections and tests sufficient to verify the proper commissioning of the <i>Energy Storage System</i> in its final installed condition. The design submission accompanying the <i>construction documents</i> shall clearly detail procedures and methods to be used and the items subject to such inspections and tests. Such commissioning shall be in accordance with generally accepted engineering practice and, where possible, based on published standards for the particular testing involved. The special inspections and tests required by this section shall be conducted under the same terms as in Chapter 17 of the <i>International Building Code</i>.
155	IFC 2304.1 Supervision of dispensing.	<i>Amend section in its entirety to read as follows:</i> 2304.1 Supervision of dispensing. The <i>dispensing</i> of fuel at motor fuel-dispensing <i>facilities</i> shall be in accordance with the following: 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 <i>facility</i> in accordance with Section 2304.3. 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 <i>facility</i> and shall also comply with Section 2304.3.
156	IFC 2401.2 Nonapplicability.	<i>Amend by deleting the section in its entirety.</i>
157	IFC Table 3206.2 GENERAL LIFE PROTECTION AND LIFE SAFETY REQUIREMENTS	<i>Amend Table 3206.2 Column 2 Line 13 in its entirety to read as follows:</i> <i>Greater than 300,000 f, j</i>
158	IFC Table 3206.2 GENERAL LIFE PROTECTION AND LIFE SAFETY REQUIREMENTS	<i>Amend Table 3206.2 Footnote “h” in its entirety to read as follows:</i> 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.
159	IFC Table 3206.2 GENERAL LIFE PROTECTION AND LIFE SAFETY REQUIREMENTS	<i>Amend Table 3206.2 by adding Footnote “j” to read as follows:</i> 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.

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160	IFC 3307.1 Required access.	<i>Amend section in its entirety to read as follows:</i> 3307.1 Required access. <i>Approved</i> vehicle access for firefighting and emergency response shall be provided to all construction or demolition sites. Vehicle access shall be provided to within 50 feet of temporary or permanent fire department connections. Vehicle access shall be provided by either temporary or permanent roads, capable of supporting vehicle loading under all weather conditions. Vehicle access shall be maintained until permanent <i>fire apparatus access roads</i> are available. When <i>fire apparatus access roads</i> are required to be installed for any structure or development, access shall be <i>approved</i> prior to the time which construction has progressed beyond completion of the foundation of any structure. Whenever the connection is not visible to approaching fire apparatus, the fire department connection shall be indicated by an <i>approved</i> sign.
161	IFC 3307.1.2 Stairways required.	<i>Amend section in its entirety to read as follows:</i> 3307.1.2 Stairways required. Where <i>building</i> construction exceeds 40 feet in height above the lowest level of fire department vehicle access, a temporary or permanent <i>stairway</i> shall be provided. As construction progresses, such <i>stairways</i> shall be extended to within one floor of the highest point of construction having secured decking or flooring. Whenever the <i>stairways</i> are not visible to approaching fire apparatus, the <i>stairways</i> locations shall be indicated by an <i>approved</i> sign.
162	IFC 3307.5.3 Standpipe signage.	<i>Amend section by adding a new section to read as follows:</i> 3307.5.3 Standpipe signage. Whenever the <i>standpipes</i> are not visible to approaching fire apparatus, locations shall be indicated by an <i>approved</i> sign.
163	IFC 4104.2 Open-flame cooking devices.	<i>Amend section in its entirety to read as follows:</i> 4104.2 Open-flame cooking devices. Charcoal burners and other open-flame cooking devices, charcoal grills and other similar devices used for cooking shall not be operated or located on combustible balconies, decks, or within 10 feet of combustible construction. Exceptions: 1. One- and two-family <i>dwelling</i>s where <i>LP-gas containers</i> are limited to a water capacity not greater than 50 pounds [nominal 20-pound LP-gas capacity] with an aggregate LP-gas capacity not to exceed 100 pounds (5 <i>containers</i>). All <i>LP-gas containers</i> shall be stored outside, as per Chapter 61. 2. Where <i>buildings</i>, balconies and decks are protected by an <i>approved automatic sprinkler system</i>, and <i>LP-gas containers</i> are limited to a water capacity not greater than 50 pounds [nominal 20-pound LP-gas capacity], with an aggregate LP-gas capacity not to exceed 40 lbs. (2 <i>containers</i>). All <i>LP-gas containers</i> shall be stored outside, as per Chapter 61. 3. LP-gas cooking devices having <i>LP-gas containers</i> with a water capacity not greater than 2-1/2 pounds [nominal 1-pound LP-gas capacity].

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164	IFC 5601.1.3 Fireworks.	<i>Amend section in its entirety to read as follows:</i> 5601.1.3 Fireworks. The possession, manufacture, storage, sale, <i>handling</i>, and <i>use</i> of <i>fireworks</i> are prohibited. Exceptions: 1. Only when <i>approved</i> for <i>fireworks displays</i>, storage, and <i>handling</i> of fireworks as allowed in Sections 5604 and 5608. 2. The <i>use</i> of <i>fireworks</i> for <i>approved</i> displays as allowed in Section 5608.
165	IFC 5703.6 Piping systems.	<i>Amend by adding the following text at the end of the section to read as follows:</i> 5703.6 Piping systems. * * * An <i>approved</i> method of <i>secondary containment</i> shall be provided for underground <i>tank</i> and piping systems.
166	IFC 5704.2.11.4 Leak prevention.	<i>Amend section in its entirety to read as follows:</i> 5704.2.11.4 Leak prevention. Leak prevention for underground <i>tanks</i> shall comply with Sections 5704.2.11.4.1 through 5704.2.11.4.3. An <i>approved</i> method of <i>secondary containment</i> shall be provided for underground <i>tank</i> and piping systems.
167	IFC 5704.2.11.4.2 Leak detection.	<i>Amend section in its entirety to read as follows:</i> 5704.2.11.4.2 Leak detection. Underground storage <i>tank</i> 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.
168	IFC 5704.2.11.4.3 Observation wells.	<i>Amend by adding a new section to read as follows:</i> 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 <i>flammable</i> or <i>combustible liquid</i> storage <i>tank</i>. 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 <i>tank</i> 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 <i>tank</i> excavation and one every 50 feet routed along product lines towards the dispensers, a minimum of two are required.
169	IFC 5707.4 Mobile fueling areas.	<i>Amend by adding the following text at the end of the section to read as follows:</i> 5707.4 Mobile fueling areas. * * * <i>Mobile fueling</i> sites shall be restricted to commercial, industrial, governmental, or manufacturing, where the parking area having such operations is primarily intended for employee vehicles. <i>Mobile fueling</i> 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 <i>use</i> by the public.

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170	IFC Part VII APPENDIX A BOARD OF APPEALS.	<i>Amend by deleting Appendix A in its entirety.</i>
171	IFC Part VII APPENDIX B FIRE-FLOW REQUIREMENTS FOR BUILDINGS.	<i>Amend by adding Appendix B attached to the International Fire Code, 2024 Edition, to the same extent as if Appendix B is copied verbatim and set forth herein. Any local amendments to said appendix shall appear in this Table.</i>
172	IFC Part VII 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.	<i>Amend Footnote “a” in its entirety to read as follows:</i> Table B105.2 Required Fire Flow For Buildings Other Than One- and Two-Family Dwellings, Group R-3 and R-4 Buildings and Townhouses. * * * a. The reduced fire-flow shall be not less than 1,500 gallons per minute. * * *
173	IFC Part VII APPENDIX C FIRE HYDRANT LOCATIONS AND DISTRIBUTION.	<i>Amend by adding Appendix C attached to the International Fire Code, 2024 Edition, to the same extent as if Appendix C is copied verbatim and set forth herein.</i>
174	IFC Part VII APPENDIX D FIRE APPARATUS ACCESS ROADS.	<i>Amend by adding Appendix D attached to the International Fire Code, 2024 Edition, to the same extent as if Appendix D is copied verbatim and set forth herein. Any local amendments to said appendix shall appear in this Table.</i>
175	IFC Part VII APPENDIX D D102.1 ACCESS AND LOADING.	<i>Amend section in its entirety to read as follows:</i> D102.1 Access and loading. Facilities, <i>buildings</i> or portions of <i>buildings</i> hereafter constructed shall be accessible to fire department apparatus by way of an <i>approved fire apparatus access road</i> with concrete capable of supporting the imposed load of fire apparatus weighing up to 80,000 pounds.

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176	IFC Part VII APPENDIX D D103.1 Access and Loading.	Amend Figure D103.1 in its entirety to show as follows: FIGURE D103.1 DEAD-END FIRE APPARATUS ACCESS ROAD TURNAROUND																		
177	IFC Part VII APPENDIX D D103.2 Grade.	Amend section in its entirety to read as follows: D103.2 Grade. Fire apparatus access roads shall not exceed 7 percent in grade. Exception: Grades steeper than 7 percent as approved by the fire code official.																		
178	IFC Part VII APPENDIX D D103.4 Dead ends.	Amend section in its entirety to read as follows: D103.4 Dead ends. Dead-end fire apparatus access roads in excess of 150 feet shall be provided with width and turnaround provisions in accordance with Table D103.4. <table><tr><th colspan="3">TABLE D103.4 REQUIREMENTS FOR DEAD-END FIRE APPARATUS ACCESS ROADS</th></tr><tr><th>LENGTH (feet)</th><th>WIDTH (feet)</th><th>TURNAROUNDS REQUIRED</th></tr><tr><td>0 – 150</td><td>24</td><td>None required</td></tr><tr><td>151 – 500</td><td>24</td><td>120-foot Hammerhead, 60-foot “Y” or 96-foot diameter cul-de-sac in accordance with Figure D103.1</td></tr><tr><td>501 – 750</td><td>26</td><td>120-foot Hammerhead, 60-foot “Y” or 96-foot diameter cul-de-sac in accordance with Figure D103.1</td></tr><tr><td>Over 750</td><td colspan="2">Special approval required</td></tr></table> For SI: 1 foot – 304.8 mm.	TABLE D103.4 REQUIREMENTS FOR DEAD-END FIRE APPARATUS ACCESS ROADS			LENGTH (feet)	WIDTH (feet)	TURNAROUNDS REQUIRED	0 – 150	24	None required	151 – 500	24	120-foot Hammerhead, 60-foot “Y” or 96-foot diameter cul-de-sac in accordance with Figure D103.1	501 – 750	26	120-foot Hammerhead, 60-foot “Y” or 96-foot diameter cul-de-sac in accordance with Figure D103.1	Over 750	Special approval required	
TABLE D103.4 REQUIREMENTS FOR DEAD-END FIRE APPARATUS ACCESS ROADS																				
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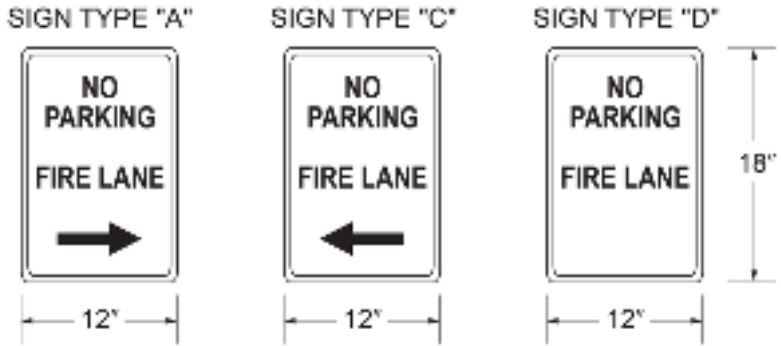
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179	IFC Part VII APPENDIX D D103.5 Fire apparatus access road gates.	<i>Amend section in its entirety to read as follows:</i> D103.5 Fire apparatus access road gates. Gates securing the <i>fire apparatus access roads</i> shall comply with all of the following criteria: 1. Where a single gate is provided, the gate width shall be not less than 24 feet. Where a <i>fire apparatus access road</i> consists of a divided roadway, the gate width shall be not less than 12 feet. 2. Gates shall be of the horizontal swing, horizontal slide, vertical lift, or vertical pivot type. 3. Construction of gates shall be of materials that allow manual operation by one <i>person</i>. 4. Security gates across <i>fire apparatus access roads</i> shall meet the requirements of <i>Mesquite Fire Department Rules and Regulations, Gates Across Fire Lanes</i>. A Mesquite Fire Department <i>permit</i> is required prior to the installation of a gate across an access road.
180	IFC Part VII Appendix D D103.6 Marking.	<i>Amend section in its entirety to read as follows:</i> D103.6 Marking. Striping, signs, or other markings, when <i>approved</i> by the <i>fire code official</i>, shall be provided for <i>fire apparatus access roads</i> 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.
181	IFC Part VII Appendix D D103.6.1 Striping.	<i>Amend section in its entirety to read as follows:</i> D103.6.1 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 feet 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.

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182	IFC Part VII APPENDIX D D103.6.2 Signs.	<i>Amend section in its entirety to read as follows:</i> D103.6.2 Signs. Signs shall read "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" and shall be 12 inches wide and 18 inches high (See Figure D103.6.2). Signs shall have red letters on a white reflective background, using not less than 2-inch lettering. Signs shall be permanently affixed to a stationary post and the bottom of the sign shall be six feet, six inches (6'6") above finished grade. Signs shall be spaced not more than fifty feet (50') apart along both sides of the <i>fire lane</i>. Signs may be installed on permanent <i>buildings</i> or walls or as <i>approved</i> by the <i>fire code official</i>.  FIGURE D103.6.2 FIRE LANE SIGNS
183	IFC Part VII APPENDIX D D103.7 Proximity to building.	<i>Amend by adding a new section to read as follows:</i> D103.7 Proximity to building. Required <i>fire apparatus access roads</i> shall be located not less than 5 feet from the building, and shall be <i>approved</i> by the <i>fire code official</i>. Exception: Where the vertical distance between the grade plane and the highest roof surface exceeds 30 feet, an approved aerial fire apparatus access roads shall be provided per Section D105.
184	IFC Part VII APPENDIX D D104.3 Remoteness.	<i>Amend section in its entirety to read as follows:</i> D104.3 Remoteness. Where two <i>fire apparatus access roads</i> are required, they shall be placed a distance apart equal to not less than one half of the length of the maximum overall diagonal dimension of the <i>lot</i> or area to be served, measured in a straight line between accesses, or as <i>approved</i> by the <i>fire code official</i>.
185	IFC Part VII APPENDIX D D105.3 Proximity to building.	<i>Amend section in its entirety to read as follows:</i> D105.3 Proximity to building. Unless otherwise <i>approved</i> by the <i>fire code official</i>, one or more of the required access routes meeting this condition shall be located not less than 15 feet and not greater than 30 feet from the building, and shall be positioned parallel to one entire side of the building. The side of the <i>building</i> on which the aerial <i>fire apparatus access road</i> is positioned shall be <i>approved</i> by the <i>fire code official</i>.

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186	IFC Part VII APPENDIX D D106.3 Remoteness.	<i>Amend section in its entirety to read as follows:</i> D106.3 Remoteness. Where two <i>fire apparatus access roads</i> are required, they shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the property or area to be served, measured in a straight line between accesses, or as <i>approved</i> by the <i>fire code official</i> .
187	IFC Part VII APPENDIX D D107.2 Remoteness.	<i>Amend section in its entirety to read as follows:</i> D107.2 Remoteness. Where two <i>fire apparatus access roads</i> are required, they shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the property or area to be served, measured in a straight line between accesses, or as <i>approved</i> by the <i>fire code official</i> .
188	IFC Part VII APPENDIX E	<i>Amend by deleting Appendix E in its entirety.</i>
189	IFC Part VII APPENDIX F	<i>Amend by deleting Appendix F in its entirety.</i>
190	IFC Part VII APPENDIX G	<i>Amend by deleting Appendix G in its entirety.</i>
191	IFC Part VII APPENDIX H	<i>Amend by deleting Appendix H in its entirety.</i>
192	IFC Part VII APPENDIX I	<i>Amend by deleting Appendix I in its entirety.</i>
193	IFC Part VII APPENDIX J	<i>Amend by deleting Appendix J in its entirety.</i>
194	IFC Part VII APPENDIX K	<i>Amend by deleting Appendix K in its entirety.</i>
195	IFC Part VII APPENDIX L Requirements for firefighter air replenishment systems.	<i>Amend by deleting Appendix L in its entirety.</i>
196	IFC Part VII APPENDIX M	<i>Amend by adding Appendix M attached to the International Fire Code, 2024 Edition, to the same extent as if Appendix M is copied verbatim and set forth herein. Any local amendments to said appendix shall appear in this Table.</i>
197	IFC Part VII APPENDIX M M103.1 Compliance schedule.	<i>Amend section in its entirety to read as follows:</i> M103.1 Compliance schedule. Building owners shall file a compliance schedule with the <i>fire code official</i> not later than 180 days after receipt of a written notice of violation. The compliance schedule shall not exceed 5 years for an <i>automatic sprinkler system retrofit</i> .

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198	IFC Part VII APPENDIX N	<i>Amend by deleting Appendix N in its entirety.</i>
199	IFC Part VII APPENDIX O Valet trash and recycling collection in Group R-2 occupancies.	<i>Amend by adding Appendix O attached to the International Fire Code, 2024 Edition, to the same extent as if Appendix O is copied verbatim and set forth herein.</i>

Secs. 6-152 — 6-800. - Reserved.