

2024 TUCSON FIRE CODE AMENDMENTS

CHAPTER 1 SCOPE AND ADMINISTRATION

SECTION 104 - DUTIES AND POWERS OF THE FIRE CODE OFFICIAL

104.10 Fire investigations. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

104.10 Fire investigations. The fire department shall investigate or cause to be investigated promptly the cause, origin and circumstances of each and every fire occurring in the jurisdiction involving loss of life, injury to a person, destruction or damage to property and, if it appears to the member of the fire department making the investigation that such fire is of suspicious origin, the member shall take immediate charge of all physical evidence or notify the proper agency who shall then take immediate charge of all physical evidence relating to the cause of the fire and shall, if and as necessary or appropriate, secure the site. The fire investigator shall continue to pursue the investigation to its conclusion.

104.11 Authority at fires and other emergencies. Is hereby **AMENDED** by **ADDING** the following subsection:

104.11.4 Restricting public access. It shall be the duty of the Chief of Police, or the Fire Chief of the City, at the time of any fire, to place ropes or guards across all streets, lanes, or alleys on which is situated any building which is or was on fire, and at such other points as are deemed expedient and necessary. Any person entering within the line indicated by such ropes or guards and refusing to go outside such lines when directed to do so by any police officer or officer of the fire department shall be deemed guilty of a misdemeanor as provided in Tucson Code Section 11-111.

104.11.2 Obstructing operations. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

104.11.2 Obstructing operations. Any person who attempts to obstruct or obstructs the operations of the fire department in connection with a suspected, reported fire or other emergency, whether or not such fire or emergency is found to exist, or disobeys any lawful command of the chief, officer of the fire department who is in charge of such operations, or any part thereof, or any police officer assisting the fire department, shall be guilty of a misdemeanor as provided in Tucson Code Section 11-110. Any person operating any vehicle who shall willfully or carelessly permit the same to obstruct the progress of any apparatus of the fire department organization going to a suspected, reported, actual fire or other emergency or who shall willfully damage any hose or apparatus belonging to the fire department shall be guilty of a misdemeanor as provided in Tucson Code Section 11-112.

SECTION 105 - PERMITS

105.1.6 Annual permit. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

105.1.6 Annual permit. Instead of an individual operational permit for each particular activity or process, the *fire code official* is authorized to issue an annual permit on application therefore to any person, firm or corporation regularly employing one or more *qualified* persons to perform these activities or processes.

Section 105.5 Fire Operational Permits. Is hereby **AMENDED** by **ADDING** the following:

105.5.58 Elevator systems. An operational permit is required for any elevator within a high-rise building.

105.5.59 Emergency power system generators. An operational permit is required for any emergency power generator in any building four (4) stories or more, or an occupied floor 50 feet (15240 mm) or more above the lowest level of exit discharge.

105.5.60 Flaring/venting of flammable gas. An operational (annual) permit is required for flaring and venting of flammable gasses by *approved* contractors.

105.5.61 General inspection. An operational permit (General Inspection/Fee) is required for an inspection conducted which does not require other operational permits.

105.5.62 Permissible consumer fireworks. An operational permit is required for the sale or storage of permissible consumer fireworks as defined in Arizona Revised Statute 36-1601.

105.5.63 Smoke control or smoke exhaust systems. An operational permit is required for any smoke control or exhaust system.

105.5.64 Special events. An operational permit is required for any occasion or event including, but not limited to exhibitions, carnivals, fairs, festivals, or trade shows, which involve any of the following, but not limited to the closing of a street, blocking or restriction of public property, sale/consumption of alcohol, cooking/heating of food, set up of temporary structures (I.E., stage, tent), or any event that is not a normal function of any location or zoning designation.

105.5.65 State licensed health facilities. An operational permit is required on an annual basis for the operation of a State Licensed Health Facility. These facilities include, but not limited to the following: Hospitals, Group Homes, Nursing Homes, Child Day Care or Preschool, Behavioral Health Facilities, and Assisted Living Facilities.

SECTION 108 FEES

108.2 Schedule of permit fees. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

108.2 Schedule of permit fees. Applicable fees can be found in the City of Tucson Planning and Permitting Fee Schedule at:

https://codelibrary.amlegal.com/codes/tucson/latest/tucson_az_udc/0-0-0-9676 .

108.2.1 System modifications. Where calculated fees as a fire protection system modification exceeds those of a new system, fees applying to a new system shall be calculated.

108.2.1.1 Smoke control and ERCES (emergency responder communication enhancement systems). The fee for a smoke control or ERCES system installation fees shall be calculated at seven plan review/inspection hours.

108.3 Permit valuations. Is hereby **DELETED** (in its entirety) and **RESERVED**.

SECTION 108 FEES. Is hereby **AMENDED** by **ADDING** the following sub-section:

108.7 Permit related fees. The *fire code official* is authorized to assess fees for expedited plan review, expedited operational and new construction inspections, re-inspections, and standby personnel.

SECTION 110 MAINTENANCE

110.1 Maintenance of safeguards. Is hereby **AMENDED** by **ADDING** the words “*by qualified individuals*, who shall forward a *report* of inspection to the *fire code official* upon completion.” to the end of the sentence.

SECTION 112 – MEANS OF APPEALS.

SECTION 112 MEANS OF APPEALS. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

112.1 Administrative appeal. Whenever a violation of this code has been found and the applicant wishes to appeal the decision of the staff because of code interpretation, or unreasonable hardship, an appeal may be filed to the *fire code official* or an authorized representative, within 14 calendar days of the determination of a violation as follows:

1. The appeal will be heard by the *fire code official* or an authorized representative within 10 working days of the receipt of the appeal.
2. The *fire code official*, or an authorized representative, may use a Hearing Committee consisting of such staff as is deemed appropriate to provide advice on a particular appeal.
3. Adequate information shall be provided by the applicant on the Petition of Appeal to fully describe the condition(s) in question.
4. The applicant may, but is not required, to meet with the *fire code official*, or a designated representative, to discuss the appeal.
5. If the appeal is denied, the applicant shall comply with the requirement(s) of the fire code or file an appeal to the Fire Code Board of Appeals as provided in Section 109.3 of this code within 30 days of the date the appeal is denied.

112.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent or better method of protection or safety is proposed.

112.3 Board of appeals established. In order to hear and decide appeals of orders, decisions or determinations made by the *fire code official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be comprised of the current members of the COT Fire Code Review Committee. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *fire code official*. The board shall not have authority to waive requirements of this code or interpret the administration of this code.

112.4 Qualifications. The board of appeals shall consist of members who are qualified by experience and training to pass on matters pertaining to hazards of fire, explosions, hazardous conditions, or *fire protection systems*, and are not employees of the jurisdiction.

112.5 Administration. The *fire code official* shall take immediate action in accordance with the decision of the board.

SECTION 113 - VIOLATIONS

113.4 Violation penalties. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

113.4 Violation Penalties. Persons who shall violate a provision of this code and fail to comply with any of the requirements thereof or shall erect, install, alter, repair, or commence work without permits, or do work in violation of the approved construction documents, or fail to comply with any directive from the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of a civil infraction, punishable by a minimum mandatory fine of two hundred and fifty dollars (**\$250**), up to a maximum two thousand five-hundred dollars (**\$2,500**). Each day that a violation continues after due notice has been served shall be deemed a separate offense.

SECTION 113 VIOLATIONS. Is hereby **AMENDED** by **ADDING** the following sub-section:

113.5 Failure to comply with notice. Upon receiving a NOTICE to abate deficiencies from TFD or TFDs third party reporting system (IROL), deficiencies noted shall be abated within the given timeframe. Failure to respond to or abate the deficiencies shall result in a fire inspection being performed and a Fire General Operational permit be obtained (General Inspection/Fee).

CHAPTER 2 DEFINITIONS

SECTION 202 - GENERAL DEFINITIONS

SECTION 202 GENERAL DEFINITIONS. Is hereby **AMENDED** by **ADDING** the following:

FLARING. Flaring is the process of combusting natural gas and oxygen at the wellhead into the atmosphere using a dedicated flame, which converts methane (and other combustible gases) to carbon dioxide, water, and heat most often due to emergency relief, overpressure, process upsets, startups, shutdowns, and for other operational safety reasons.

LEGAL EXISTENCE (R-3 occupancies). Having a license to operate as an assisted living facility by the Arizona Department of Health Services (ADHS), and a Certificate of Occupancy (CofO) as an R-3.

MID-RISE BUILDING. A building with 4 or more stories, or with an occupied floor at least 50 feet (15240 mm) but less than 75 feet above the lowest level of fire department vehicle access.

NUISANCE FIRE ALARM. The activation of any fire alarm system caused by mechanical failure, malfunction, improper installation, lack of proper maintenance or for any other undetermined cause of activation resulting in a repeated response by the fire department.

PERSON. A natural person, an individual, heirs, executors, administrators, or assigns, and also includes a firm, partnership, or corporation, its or their successors or assigns, or the agent of any of the aforesaid.

QUALIFIED PERSON. One who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training, and experience, has successfully demonstrated to the AHJ his/her ability to solve or resolve problems relating to the subject matter, the work, or the project.

CHAPTER 3 GENERAL REQUIREMENTS

SECTION 307 OPEN BURNING, RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACES

307.2 Permit required. Is hereby **AMENDED** by **DELETING** the words: “or a bonfire”.

307.3 Extinguishment authority. Is hereby **AMENDED** by **DELETING** (in its entirety) and **REPLACING** with:

307.3 Extinguishment authority. When open burning, or a recreational fire creates or adds to a hazardous situation, or a required permit for open burning has not been obtained, the fire code official or fire chief is authorized to order the extinguishment of the open burning operation.

307.4.1 Bonfires. Is hereby **DELETED** (in its entirety) and **RESERVED**.

311 VACANT PREMISES

311.5. Placards. Is hereby **AMENDED** by **ADDING** the words: “When determined by the *fire code official*,” to the beginning of the section.

SECTION 313 - FUELED EQUIPMENT

313.2 Group R occupancies. Is hereby **AMENDED** by **ADDING** the words: “or repaired” after “...shall not be stored,”.

CHAPTER 4 EMERGENCY PLANNING AND PREPAREDNESS

SECTION 403 –EMERGENCY PREPAREDNESS REQUIREMENTS

403.11.1 Fire watch personnel. Is hereby **AMENDED** by **DELETING** (in its entirety) and **REPLACING** with:

403.11.1 Fire watch personnel. Where, in the opinion of the *fire code official*, the safety of the public is essential in a place where people congregate, due to the number of persons or the nature of the performance, exhibition, display, contest or activity, the owner, agent, or lessee shall provide one or more fire watch personnel.

Fire watch personnel shall comply with Sections 403.11.1.1 and 403.11.1.2 and be subject to the *fire code official*’s orders at all times when so employed, and shall remain on duty during the times such place is open to the public, or at times specified by the *fire code official*. The duties of the personnel assigned to work under the provisions of this section shall be as prescribed by the *fire code official*. Standby personnel shall not be required or permitted, while on duty, to perform any duties other than those specified by the *fire code official* or this section.

When the *fire code official* has determined that standby personnel will be required to take prompt measures to extinguish any fires that may occur, such standby personnel shall be off-duty City of Tucson firefighters. Compensation of such firefighters shall be as provided by the Fire Department’s Fee Schedule and, upon receipt of a bill therefore, said owner, agent or lessee shall remit to the City of Tucson such amounts as are due in accordance with said plan.

(continued)

Only the *fire code official* is authorized to initiate or approve fire watch personnel, as well as to release the fire watch.”.

CHAPTER 5

FIRE SERVICE FEATURES

SECTION 503 - FIRE APPARATUS ACCESS ROADS

503.2.1 Dimensions. Is hereby **AMENDED** by **DELETING** “13 feet 6 inches (4115 mm)” and **REPLACING** with: “15 feet (4572 mm)”. And is hereby **AMENDED** by **ADDING** the following exception:

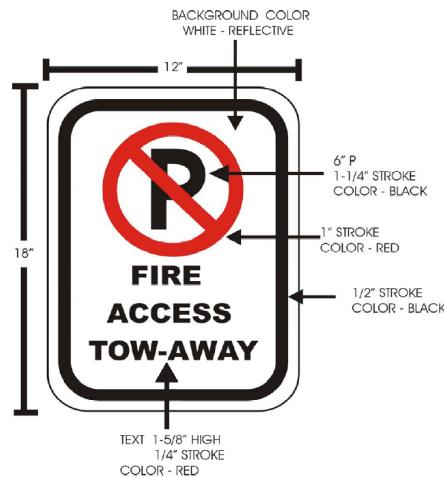
Exception: The *fire code official* shall have the authority to approve a decrease in fire apparatus road width or vertical clearance.

503.2.3 Surface. Is hereby **AMENDED** by **DELETING** the words: “surfaced so as to provide all-weather driving capabilities” and **REPLACING** with the words: “paved with structural sections designed in accordance with City of Tucson Development Standards.”

503.2.7 Grade. Is hereby **AMENDED** by **DELETING** the words: “within the limits established by the *fire code official* based on the fire department’s apparatus” and **REPLACING** with the words “in accordance with City of Tucson Development Standards.”

503.3 Marking. Is hereby **AMENDED** by **DELETING** (in its entirety) and **REPLACING** with:

Every fire apparatus access roadway required under the authority of this section shall be posted with signs installed at points not more than one hundred (100) feet apart along the length of the required fire apparatus access roadway. The bottom of every such sign shall not be less than seven (7) feet or more than ten (10) feet from the ground surface level. Signs shall be posted to face the direction of travel. Construction, installation, and maintenance of the signs shall be done at no expense to the City. Materials and locations of each sign shall be indicated in the plans submitted to the fire department. Fire access signs shall conform to the Manual on Uniform Traffic Control Devices. The required sign shall be the international **NO PARKING** sign with a standard sign size (width and height) of 12 x 18 inches (300 x 450 mm), on a white reflective background. The international **NO PARKING** symbol shall be a black P, six inches high. Underneath the **NO PARKING** symbol, in one-and-five-eighths inch high and one-quarter inch stroke, in red lettering it shall read: **FIRE ACCESS TOW-AWAY**.



Only fire apparatus access roadways required under the authority of this section or as approved by the chief may be posted or identified with the approved sign shown above. Unauthorized signs shall be removed.

503.6 Security gates. Is hereby **AMENDED** by **ADDING** “Electronic operated gates shall have an approved Knox (brand) key switch installed.” after the second sentence.

SECTION 505 - PREMISES IDENTIFICATION

505.1 Address identification. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

505.1 Address identification. New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. Where required by the fire code official, address numbers shall be provided in additional approved locations to facilitate emergency response.

Commercial

Building < 50 feet from the curb require 12" numbers displayed on the building
Buildings > 50 feet from the curb require 15" numbers displayed on the building
Tenant space numbers shall be 4" (placed on or above primary entrance)
Address range must be displayed in 12" numbers on the building

Apartments

Entrance numbers shall be 12"
Building numbers shall be 15"
Apartment numbers ranges displayed below building numbers shall be 8"
Apartment numbers ranges displayed on signage near the building shall be 2"
Apartment numbers shall be 4" on outside entrances and 1" for interior hallways entrances.
Number ranges are required on buildings or signage.

(continued)

Detached Residential

< 50 feet from curb requires 4" numbers (6" recommended) displayed on the building (visible from primary access).
>50 feet from the curb requires 4" numbers (6" recommended) displayed a minimum of 35" above the ground at the primary access point

RV and Mobile Home Parks

Entrance numbers shall be minimum 12"
Building numbers 6"
Space numbers 4"

Miscellaneous Information

The complete address shall be displayed on all corner buildings when required by the *fire code official*.

Addresses shall be displayed and visible from both directions of approaching vehicles

Numbers and letters shall be made of durable material. (Paint is not acceptable)

Numbers and letters shall be of colors contrasting with the background

Numbers and letters shall have a min. proportion ratio of 6:1 (height to width)

Numbers shall not be spelled out

Address numbers shall be maintained

*Where required by the *fire code official*, address identification shall be provided in additional *approved* locations to facilitate emergency response. Where access is by means of a private road and the building cannot be viewed from the *public way*, a monument, pole, or other sign or means shall be used to identify the structure.

SECTION 508 - FIRE COMMAND CENTER

SECTION 508 Fire Command Center. Is hereby **AMENDED** by **ADDING** the following sub-section:

508.1.8 Records. An approved logbook shall be maintained containing inspection, testing, and maintenance records of all fire protection/life safety systems including fire alarm, automatic suppression, standpipes, smoke control systems, elevators, emergency responder communication enhancement systems, site plan, HMIS/HMMP reports if applicable, and any other systems as required by the *fire code official*.. This logbook shall be kept in the Fire Command Center, or near the Fire Alarm Control Panel (FACP).

Exception: Where approved by the *fire code official*, records required in the logbook may be kept electronically, provided the information is immediately available to first responders.

CHAPTER 6 BUILDING SERVICES AND SYSTEMS

SECTION 604 – ELEVATOR OPERATION, MAINTENANCE, AND FIRE SERVICE KEYS

SECTION 604.1 GENERAL. Is hereby **AMENDED** by **ADDING** the following subsection:

604.1.1 Permit required. Any elevator within a high-rise building shall not be operated or maintained without first obtaining a fire general operational permit (105.5.58 Elevator systems) and approval from the *fire code official*.

CHAPTER 9 FIRE PROTECTION SYSTEMS

SECTION 901 – GENERAL

901.2 Construction documents. Is hereby **AMENDED** by **ADDING** the word: “electronically”, after “submitted”.

901.5.1 Occupancy. Is hereby **AMENDED** by **ADDING** the following subsection:

901.5.1.1 Stocking and Loading. When required by the *fire code official*, no portion of a building or structure shall be stocked or loaded with combustible fixtures or furnishings, or regular stock until the automatic fire sprinkler system (if required) has been tested and *approved* and a temporary certificate of occupancy issued. Where a fire alarm system is required, it shall be *approved* and monitored, or fire watch shall be provided.

901.7 Systems Out of Service. Is hereby **AMENDED** by **ADDING** the following sentence to the end of the second paragraph: “Only the *fire code official* is authorized to initiate or approve fire watch personnel, as well as to release the fire watch.”

SECTION 903 – AUTOMATIC SPRINKLER SYSTEMS

903.2.3 Group E. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

903.2.3 Group E. An automatic fire sprinkler system shall be provided throughout all Group E occupancies.

Exception: One story buildings when each room used for instruction has at least one exit door directly to the outside at ground level, and when rooms used for assembly purposes have at least one-half of the required exits directly to the exterior ground level, an automatic sprinkler system need not be provided.

903.2.8.1 Group R-3. Is hereby **AMENDED** by **ADDING** the following sub-section:

903.2.8.1.1 Existing Group R-3. Any existing R-3 not in *legal existence* prior to January 1, 2004, shall have two years from the adoption of this Code to obtain a Fire Automatic Extinguishing System Permit and the approved installation of that system completed within one additional year.

903.3.1.1.1 Exempt locations. Is hereby **AMENDED** by **DELETING** item number three (3).

903.3.1.2 NFPA 13R sprinkler systems. Is hereby **AMENDED** by **ADDING** the following subsection:

903.3.1.2.4 Attached garages and carports. Sprinkler protection shall be provided for attached garages and carports having living spaces directly above shall be provided with sprinkler protection.

903.3.1.2.1 Balconies and decks. Is hereby **AMENDED** by **ADDING** the following condition:

3. Patios, including open patios, having living spaces directly above.

SECTION 904 ALTERNATE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS

904.14.2 System interconnection. Is hereby **AMENDED** by **ADDING** the following to the end of the first sentence: "... and to all electrical receptacles located within the perimeter of the protected exhaust hood."

SECTION 905 - STANDPIPE SYSTEMS

905.2 Installation standard. Is hereby **AMENDED** by **REMOVING** (in its entirety) and **REPLACING** with:

905.2 Installation standard. Standpipe systems shall be installed in accordance with this section and NFPA 14. When water pressure at a standpipe outlet exceeds 175 psi static or residual at 250 gpm. flow, a pressure-reducing valve shall be provided. The required pressure-reducing valves shall be located at the hose valve outlet only. Only field-adjustable valves shall be allowed. The valve shall have clearly visible marks that indicate each setting. The pressure adjustment mechanism shall be actuated using a 3/8" round aluminum adjustment rod and actuated by rotating in either a clockwise or counterclockwise direction. The adjustment mechanism shall be adjustable with 15 pounds of force or less. Pressure gauge taps shall be provided on inlet and discharge sides of each valve. A reflective decal shall be installed on the high-impact plastic shield valve with arrows and words indicating the direction to increase or decrease pressure. If special tools are required to make field adjustments, a minimum of four (4) such tools and (4) aluminum rods shall be provided at locations approved by the Fire Department. These tools shall be located inside a lockable box that is labeled "field adjustable PRV tools" and located inside the fire command center or riser room if building does not have a fire command center.

SECTION 907 FIRE ALARM AND DETECTION SYSTEMS

907.2.9.3 Group R-2 college and university buildings. Is hereby **AMENDED** by **REMOVING** "operated by a college or university" and **REPLACING** with "primarily used" in the first sentence.

907.3 Fire safety functions. Is hereby **AMENDED** by **ADDING** the following sub-section:

907.3.5 Kitchen hood systems. Where commercial kitchen exhaust hoods (Type I) are installed in buildings equipped with a building fire alarm or a dedicated function fire alarm system, actuation of the hood system shall initiate the fire alarm system.

Section 907.8 Inspection, testing, and maintenance. Is hereby AMENDED by ADDING the following sub-sections:

907.8.5 Nuisance fire alarm. In the event that the Fire Department personnel determine that the alarm received is a nuisance alarm, then they shall deliver to the building owner and occupant a notice that the system is to be inspected and/or repaired by a licensed fire alarm contractor or electrician within a timeframe determined by the *fire code official*. If the repair is not undertaken, or abated in the given timeframe, a Citation shall be issued which will include fines, and a Stop Work Order may be issued which may disrupt business.

907.8.5.1 Out of Service Fire Protection Systems. Where the *fire code official* determines the connections to *approved* supervising stations be put out of service until approved repairs are complete, fire watch personnel in accordance with 403.11.1 shall be put in place.

CHAPTER 11

CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS

1103 FIRE SAFETY REQUIREMENTS FOR EXISTING BUILDINGS

1103.1 Required construction. Is hereby AMENDED by ADDING the following paragraph:

A modification that increases the area protected by a fire protection system by fifty percent, or a fire alarm control panel replacement shall be considered a new installation, and the fire alarm system shall be brought to the current performance and installation standards in accordance with 907.5.

1103 FIRE SAFETY REQUIREMENTS FOR EXISTING BUILDINGS is hereby AMENDED by ADDING the following sub-sections:

1103.11 ERCES marking. Buildings equipped with Emergency Responder Communications Enhancement Systems shall have approved signage at the FACP stating THIS BUILDING EQUIPPED WITH A RADIO REPEATER SYSTEM.

1103.12 Records. An approved logbook shall be maintained containing inspection, testing, and maintenance records of all fire protection/life safety systems including fire alarm, automatic suppression, standpipes, smoke control systems, elevators, emergency responder communication enhancement systems, site plan, HMIS/HMMP reports if applicable, and any other systems as required by the *fire code official*.. This logbook shall be kept in the Fire Command Center, or near the Fire Alarm Control Panel (FACP).

Exception: Where approved by the *fire code official*, records required in the logbook may be kept electronically, provided the information is immediately available to first responders.

1103.13 Standpipes. All high-rise standpipe connections require a durable indicator tag indicating if a pressure reducing valve (PRV) has been installed. If there is a PRV, the tag shall also indicate whether the valve is a fixed or adjustable type.

1103.14 Fire department connections. All high-rise building's fire department connections (FDC's), including standpipe connections require approved locking FDC caps.

CHAPTER 11 CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS. Is hereby **AMENDED** by **ADDING** the following section.

SECTION 1108 MID-RISE BUILDINGS

1108.1 Records. An approved logbook shall be maintained containing inspection, testing, and maintenance records of all fire protection/life safety systems including fire alarm, automatic suppression, standpipes, smoke control systems, elevators, emergency responder communication enhancement systems, site plan, HMIS/HMMP reports if applicable, and any other systems as required by the *fire code official*.. This logbook shall be kept in the Fire Command Center, or near the Fire Alarm Control Panel (FACP).

Exception: Where approved by the *fire code official*, records required in the logbook may be kept electronically, provided the information is immediately available to first responders.

1108.2 Standpipes. All standpipe connections require a durable indicator tag indicating if a pressure reducing valve (PRV) has been installed. If there is a PRV, the tag shall also indicate whether the valve is a fixed or adjustable type.

1108.3 ERCES marking. Buildings equipped with *Emergency Responder Communications Enhancement Systems* shall have approved signage at the FACP stating THIS BUILDING EQUIPPED WITH A RADIO REPEATER SYSTEM.

1108.4 Fire department connections. All mid-rise building's fire department connections (FDC's), including standpipe connections require approved locking FDC caps.

CHAPTER 31

TENTS AND OTHER MEMBRANE STRUCTURES

SECTION 3103 – TEMPORARY TENTS AND MEMBRANE STRUCTURES

3103.4 Use period. Is hereby **AMENDED** by **ADDING** the following exception:

Exception: When approved by the *fire code official*, metal, aluminum, or steel shell based engineered structure (tent) frames, specific to the Tucson Gem Show, may stay erect as long as they have an engineer, or approved installer inspect the structural integrity of the structure (or bones) and provide the *fire code official* with a report prior to the approval of a new permit, which will be required annually.

If these requirements cannot be met, the tent will be removed in its entirety. All walls and lid material shall be removed at the conclusion of the Gem Show and shall not be re-installed prior to the approval of a new Fire Operational Permit and TFD site visit.

3103.7 Access, location, and parking. Is hereby **AMENDED** by **ADDING** the following sentence:

Requirements of this section may be adjusted when approved by the *fire code official*.

3103.9.1 Door operation. Is hereby **AMENDED** by **ADDING** the following subsection:

3103.9.1.1 Panic hardware. Exit doors shall swing in the direction of exit travel and shall not be provided with a latch or lock unless it is panic hardware or fire exit hardware. To avoid hazardous air and pressure loss in air-supported membrane structures, such doors shall be automatic closing against operating pressures. Opening force at the door edge shall not exceed 15 pounds (66 N).

SECTION 3106 INFLATABLE AMUSEMENT DEVICES

3106.2 General. Is hereby **AMENDED** by **ADDING** the following exception:

Exception: When required by the *fire code official* additional anchoring shall be provided.

SECTION 3108 – OPERATIONAL REQUIREMENTS

3108.14.2.3 Closure. Is hereby **AMENDED** by **DELETING** the words “locked and”

CHAPTER 53

COMPRESSED GASES

SECTION 5307 COMPRESSED GASES NOT OTHERWISE REGULATED

5307.3.2 Gas detection system. Is hereby **AMENDED** by **ADDING** the following subsections:

5307.3.2.1 Monitoring. Where CO₂ gas detection systems are installed in buildings equipped with a building fire alarm or a dedicated function fire alarm system, the high alarm shall generate a general alarm and signals sent to the central station.

5307.3.2.2 Notification. CO₂ notification devices, audible and visible, shall be provided at the following locations:

1. Near every point of use.
2. In the area or room where the asphyxiant gas cylinders are located, in use.
3. In the common area where the public gathers.
4. At the entrance to the room with the required detection.
5. So that it is clear to the responders upon approach to the hazard that asphyxiant gas is present.
6. As required by the fire code official.

5307.3.2.3 Notification devices. Notification devices shall comply with the following:

1. The notification devices shall be identified and labeled for the gas being detected.
2. Use of the building fire alarm notification devices for evacuation is acceptable, provided that the asphyxiant gas detection has visually and audibly clear indicators in the hazard area upon both the warning level and alarm level of the gas.

CHAPTER 57

FLAMMABLE AND COMBUSTIBLE LIQUIDS

SECTION 5704 – STORAGE

5704.2.13.2.3 Out of service for one year. Is hereby **AMENDED** by **DELETING** (in its entirety) and **REPLACING** with:

5704.2.13.1.3 Out of service for one year. Underground tanks that have been out of service for a period of one year shall be removed from the ground in accordance with Section 5704.2.14 or when approved by the fire code official, abandoned in place in accordance with Section 5704.2.13.1.4.

5704.3.3.3 Clear means of egress. Is hereby **AMENDED** by **DELETING** the word “near” and **REPLACING** with: “within 10 feet of an exit door”.

APPENDIX B (Adopted)

FIRE-FLOW REQUIREMENTS FOR BUILDINGS

APPENDIX C (Adopted)

FIRE HYDRANT LOCATIONS AND DISTRIBUTION

APPENDIX D (Adopted)

FIRE APPARATUS ACCESS ROADS

SECTION D103 - MINIMUM SPECIFICATIONS

D103.6.1 Roads 20 to 26 feet in width. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

D103.6.1 Roads 20 to 28 feet in width. Fire apparatus access roads 20 to 28 feet in width shall be posted on both sides as a fire lane.

D103.6.2 Roads more than 26 feet in width. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

D103.6.2 Roads greater than 28 and up to 36 feet in width. Fire apparatus access roads greater than 28 and up to 36 feet wide shall be posted on one side of the road as a fire lane.

Exception: Roads 34 feet or wider with wedge curbs on both sides, need not to be posted.

APPENDIX E (Adopted)

HAZARD CATEGORIES

APPENDIX F (Adopted)

HAZARD RANKING

APPENDIX G (Adopted)
CRYOGENIC FLUIDS – WEIGHT AND
VOLUME EQUIVALENTS

APPENDIX H (Adopted)
HAZARDOUS MATERIALS MANAGEMENT PLAN
(HMMP) AND HAZARDOUS MATERIALS
INVENTORY STATEMENT (HMIS) INSTRUCTIONS

APPENDIX K (Adopted)
CONSTRUCTION REQUIREMENTS IN EXISTING
AMBULATORY CARE FACILITIES

APPENDIX M (Adopted)
HIGH-RISE BUILDINGS (>75 ft)
RETROACTIVE AUTOMATIC SPRINKLER REQUIREMENT

APPENDIX N (Adopted)
INDOOR TRADE SHOWS AND EXHIBITIONS

APPENDIX O (Adopted)
VALET TRASH AND RECYCLING COLLECTION IN
GROUP R-2 OCCUPANCIES