

**CITY OF BUCKEYE OCTOBER 2024**  
**BUILDING AND LIFE SAFETY CODES UPDATE**

**UPDATES TO THE CITY OF BUCKEYE CODE OF ORDINANCES, CHAPTER 15  
“BUILDING REGULATIONS” AMENDING THE CITY’S BUILDING, RESIDENTIAL,  
MECHANICAL, PLUMBING, ELECTRICAL, FUEL GAS, EXISTING BUILDING,  
AND FIRE CODES**

Amending the City of Buckeye Code of Ordinances, Chapter 15 – BUILDING REGULATIONS, Article 15-2 – BUILDING CODES by amending Section 15-2-1 – Building Code, to read as follows:

**CHAPTER 15 – BUILDING REGULATIONS**

**Article 15-2—BUILDING CODES**

**Section 15-2-1 Building Code**

- A. Building Code Adopted. That certain document designated and marked as the International Building Code, 2024 Edition, as published by the International Code Council, three paper copies or one paper copy and one electronic copy of which are on file in the office of the City Clerk, is hereby adopted by reference as the City’s uniform building code as if fully set forth herein and it is hereby declared to be unlawful to be in violation of any provision of the City’s uniform building code or cause or permit the same to be done, contrary to or in violation of any provisions of the City’s uniform building code as hereby adopted by the City Council.
- B. City of Buckeye Amendments to the 2024 International Building Code.

**CHAPTER 1 ADMINISTRATION**, is hereby amended as follows:

**101.1 Title.** Insert the words "City of Buckeye" as the name of jurisdiction. Also add, "The administrative provisions of Chapter 1 of this Code shall apply to all the adopted technical codes. When there is a conflict between these provisions and those of another technical code, these provisions shall apply. Where there is an administrative provision contained in another technical code and not in this code, then the administrative provision of the technical code shall apply."

**101.2 Scope. Exception:** Delete the words "**this code or**" of the last sentence of the exception.

**101.2.1 Appendices.** Delete in its entirety and insert in lieu thereof the following:

**101.2.1 Appendices.** The following Appendices are hereby adopted:

Appendix B: Board of Appeals;

Appendix C: Agricultural Buildings;

Appendix F: Rodent Proofing;

Appendix I: Patio Covers, and;

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Appendix J: Grading

**101.4 Referenced codes.** Shall be deleted in its entirety and revised to read as follows:

**101.4 Referenced codes.** The other codes listed in Sections 101.4.1 through 101.4.7 and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each reference. If another code is referenced elsewhere in this code and has not been adopted, then that section shall be considered invalid. The administrative requirements specified in this Code shall supersede those in other adopted codes when there is a conflict.

**Exception:** Administrative requirements in the City of Buckeye Fire Code.

Any references to the International Fuel Gas Code shall be deleted and the words "Fuel Gas Code adopted by the City of Buckeye and amended from time to time" shall be inserted in lieu thereof.

Any references to the International Mechanical Code shall be deleted and the words "Mechanical Code adopted by the City of Buckeye and amended from time to time" shall be inserted in lieu thereof.

Any references to the International Plumbing Code shall be deleted and the words "Plumbing Code adopted by the City of Buckeye and amended from time to time" shall be inserted in lieu thereof.

Any references to the International Property Maintenance Code shall be deleted and the words "Property Maintenance Code adopted by the City of Buckeye and amended from time to time" shall be inserted in lieu thereof.

Any references to the International Fire Code shall be deleted and the words "Fire Code adopted by the City of Buckeye and amended from time to time" shall be inserted in lieu thereof.

Any references to the International Energy Conservation Code shall be deleted and the words "Energy Conservation Code adopted by the City of Buckeye and amended from time to time" shall be inserted in lieu thereof.

Any references to the International Existing Building Code shall be deleted and the words "Existing Building Code adopted by the City of Buckeye and amended from time to time" shall be inserted in lieu thereof.

**101.4.1 Fuel Gas.** The provisions of the Fuel Gas Code adopted by the City of Buckeye and amended from time to time shall apply to the installation of gas piping from the point of delivery, gas appliances and related accessories as covered in this code. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances and the installation and operation of residential and commercial gas appliances and related accessories.

**101.4.2 Mechanical.** The provisions of the Mechanical Code adopted by the City of Buckeye and amended from time to time shall apply to the installation, alterations, repairs, and replacement of mechanical systems, including equipment, appliances, fixtures, fittings

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and appurtenances, including ventilating, heating, cooling, air conditioning and refrigeration systems, incinerators, and other energy-related systems.

**101.4.3 Plumbing.** The provisions of the Plumbing Code adopted by the City of Buckeye and amended from time to time shall apply to the installation alterations, repairs and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all applicable aspects of a medical gas system. Private Sewage Disposal Facilities shall be regulated by the Maricopa County Department of Environmental Services Department.

**101.4.4 Property Maintenance.** The provisions of the Property Maintenance Code adopted by the City of Buckeye and amended from time to time shall apply to existing structures and premises; equipment and facilities; light, ventilation, space heating, sanitation, life and fire safety, hazards; responsibilities of owners, operators and occupants; and occupancy of existing premises and structures and shall be managed by the City of Buckeye Code Enforcement Division.

**101.4.5 Fire Prevention.** The provisions of the Fire Code adopted by the City of Buckeye and amended from time to time shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire or explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises; and from the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation and shall be managed by the City of Buckeye Fire Department.

**101.4.6 Energy.** The provisions of the Energy Conservation Code adopted by the City and amended from time to time shall apply to all matters governing the design and construction of buildings for energy efficiency.

**101.4.7 Existing Buildings.** The provisions of the Existing Building Code adopted by the City and amended from time to time shall apply to matters governing the repair, alteration, change of occupancy, addition to and relocation of existing buildings.

**103.3 Deputies.** Delete the last sentence.

**104.2 Add new subsection to read as follows:**

**104.3.2 Licenses required for non-residential projects.**

All projects shall utilize Arizona state-licensed commercial contractors.

**Exception:** R-3 occupancies

**105.2 Work exempt from permit, Building.** Amend as follows:

Amend items 1, and 2, and add items 14 through 20.

1. Delete 120 square feet and insert 200 square feet.
2. Residential fences, other than swimming pool barriers, not over 7 feet high. Excludes perimeter, common area subdivision fences.

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14. Shade cloth structures for playgrounds etc. not exceeding 200 square feet and with a minimum of 10 foot separation from other structures.
  15. Residential (R3) re-roofing with the same type of material as the original roofing and provided not more than one layer of asphalt shingles are applied over an existing asphalt shingle roof.
  16. Ground or roof supported structures, such as radio and television antenna towers and flagpoles which do not exceed 200 pounds (90 kg) in weight or 30 feet (13,700 mm) in height above the ground surface.
  17. Installation of nonstructural weatherproof exterior covering over an existing weatherproof covering on an existing structure so long as the new covering will not affect the fire-resistive classification of the existing structure.
  18. Unless part of a rated assembly, minor repair or replacement in kind of non-structural components such as glass or glazing materials, sash, doors and hardware, patching walls or ceilings and replacing pieces of siding, soffits or fascia.
  19. Installation or changing of locking or security hardware on R-3 Single family residence egress doors.
  20. Contractors' temporary construction offices which are associated with a permitted construction project in compliance with the City of Buckeye Ordinance and are intended to be removed from the site upon completion of the project. Temporary construction offices must be removed from the site prior to the issuance of the Certificate of Occupancy.

Gas: Add number 3

3. Replacement of gas water heating appliances, by a licensed contractor, of equal or less BTU/CFH rating and without modification to electrical, mechanical, and plumbing connections necessary to serve the new appliance.

Mechanical: add number 8

8. Repair or replacement in kind, by a licensed contractor, of refrigeration units not over 5 tons (17.5 kW) of refrigeration capacity, when located outdoors. Replacement equipment shall be in the same location and equal to or less than the weight of that which is replaced. Repair or replacement of refrigeration systems located inside a building shall require a permit and compliance with all requirements of this Code for the classification of refrigerant utilized in the new equipment.

Plumbing: Add number 3

3. Replacement of electric water heating appliances, by a licensed contractor, of equal or less amperage rating and without modification to electrical, mechanical, and

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plumbing connections necessary to serve the new appliance.

**105.3.2 Time limitation of application.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**105.4 Validity of permit.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**105.5 Expiration.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**105.6 Suspension or revocation.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

107.1 General. Delete in its entirety and amend to read as follows:

Submittal documents consisting of construction documents, statement of special inspections, geotechnical report and other data shall be submitted with each permit application. The construction documents shall be prepared by a registered design professional as required by the State of Arizona Board of Technical Registration. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional licensed by the state of Arizona. Refer to the technical guidelines on the City of Buckeye website.

**Exception:** The building official is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that review of construction documents is not necessary to obtain compliance with this code.

Add Section **107.2.1.1 Fire Life Safety Report (FLSR).** Prior to submitting construction drawings for high-rise buildings, covered mall buildings, buildings containing atriums and other structures as determined by the building official, the design team shall prepare and submit a Fire Life Safety Report. This FLSR shall provide a description of the occupancies, design codes, egress, emergency systems, smoke control and other related systems, and a conceptual description of the suppression system. The first submittal of the building construction plans must incorporate the first review comments of the FLSR.

**109.1 Payment of fee.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**109.2 Schedule of permit fees.** Delete in its entirety and amend to read as follows:

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Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**109.3 Building permit valuations.** Amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time. Any valuation not specifically provided for shall be determined by the Building Official and shall be classified in the use and construction type it most nearly resembles.

The applicant for a permit for a new building or structure or additions or alterations to an existing building or structure shall provide a reasonable estimated permit value at time of application. The value to be used in computing the building permit and building plan review fees shall be, including labor, the total of all construction work for which the permit is being issued, as well as grading, roofing, siding, electrical, plumbing, gas, heating, air conditioning, elevators, fire extinguishing systems, permanent mechanical equipment and systems as well as any other items which will require plan review and/or inspection. When permitted work includes an alteration to an existing structure or includes work outside of the standard calculated fee areas determined by square footage cost tables, the applicant shall provide legitimate actual/contracted project costs to establish the additional non-calculated valuation of the total permitted project. Value for donated and/or discounted materials and labor shall be established at typical market rates. If, in the opinion of the Building Official, the valuation is underestimated on the application, the permit shall be denied, unless the applicant can provide detailed estimates acceptable to the Building Official. Final building permit valuation shall be set by the Building Official.

**Exceptions:** The Building Official shall be authorized to omit the cost of land, finish materials such as paint, wallpaper, tile, flooring, interior paneling, except those finish materials requiring fire resistive qualities, solar panels, electric vehicle charging devices, counters, counter tops, cabinets, and residential appliances such as dishwashers, stoves, ovens and microwaves. In addition, the Building Official is authorized to omit the cost of electrical fixtures and plumbing fixtures such as garbage disposals, sinks, lavatories and water closets where their removal or replacement does not require inspection. These exceptions shall not include the replacement of any concealed or exposed electrical, plumbing, gas, ventilation or other mechanical systems required to operate these appliances or the exposed or concealed extension of any of these systems.

**109.4 Work commencing before permit issuance.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**109.5 Related fees.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**109.6 Refunds.** Delete in its entirety and amend to read as follows:

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Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**112.2.1 Add new section to 112.2 Temporary connection:**

**112.2.1 Lock out/tag out safety program.**

Prior to the approval of temporary power in any form on a construction site, a letter containing the following information shall be on site at the time of the temporary power inspection. The letter shall be from the contractor or property owner and shall include:

1. Address and permit number
2. Description of equipment being energized
3. The name and phone number of a responsible party or parties.
4. Acknowledgment that the safety plan implemented will be maintained and monitored by the responsible parties.

An original signed and dated letter shall be retained by the City of Buckeye until the project is accepted and under a Certificate of Occupancy.

**CHAPTER 2 DEFINITIONS**, is hereby amended to read as follows:

**202 Definitions.** Add the following terms:

**ASSISTED LIVING CENTER**

**ASSISTED LIVING FACILITY**

**ASSISTED LIVING HOME**

**CUSTODIAL CARE**

**DIRECTED CARE SERVICE** and

**SUPERVISORY CARE SERVICE** as defined below:

**ASSISTED LIVING CENTER.** An assisted living facility that provides resident rooms or residential units to eleven or more residents.

**ASSISTED LIVING FACILITY.** A residential care institution, including adult foster care, that provides or contracts to provide supervisory care services, personal care services or directed care services on a continuing basis.

**ASSISTED LIVING HOME.** An assisted living facility that provides resident rooms to ten or fewer residents.

**CUSTODIAL CARE.** Non-medical care that helps individuals with activities of daily living, preparation of special diets and self-administration of medication not requiring constant attention of medical personnel. Providers of custodial care are not required to undergo medical training.

**DIRECTED CARE SERVICE.** Care of residents, including personal care services, who are incapable of recognizing danger, summoning assistance, expressing need, or making basic care decisions.

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**SUPERVISORY CARE SERVICE.** General supervision, including daily awareness of resident functioning and continuing needs.

**202 Definitions.** Amend the following terms:

**PERSONAL CARE SERVICE.** Delete in its entirety and insert in lieu thereof the following:

**PERSONAL CARE SERVICE.** Assistance with activities of daily living that can be performed by persons without professional skills or professional training and includes the coordination or provision of intermittent nursing services and administration of medications or treatments.

**SWIMMING POOL.** Delete in its entirety and insert in lieu thereof the following:

**SWIMMING POOL.** Private Pool. Any contained body of water used for swimming, recreational bathing or wading purposes that contains eighteen (18) or more inches in depth at any point, and/or eight (8) feet or wider at any point. This includes in-ground, above-ground and on-ground swimming pools, hot tubs, spas or other contained bodies except those exempted by Arizona Revised Statute as amended from time to time.

**SWIMMING POOL.** Semi-Public or Public. Any contained body of water other than a Private Pool that is regulated by the Arizona Department of Environmental Quality or the agency's designee.

**CHAPTER 3 OCCUPANCY CLASSIFICATION AND USE,** is hereby amended as follows:

**308.2 Institutional Group I-1.** Delete in its entirety and replace with the following:

**308.2 Institutional Group I-1.** This occupancy shall include buildings, structures or portions thereof for more than 10 persons who reside on a 24-hour basis in a supervised environment, receive custodial care, and are capable of self-preservation, except as provided for assisted living centers. This group shall include, but not be limited to, the following:

- Alcohol and drug centers
- Assisted living centers
- Congregate care facilities
- Convalescent facilities
- Group homes
- Halfway houses
- Residential board and custodial care facilities
- Social rehabilitation facilities
- Any similar facilities developed for similar purposes

**308.2.3 Six to 16 persons receiving custodial care.** Delete in its entirety and replace with the following:



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**308.2.3 Six to 10 persons receiving custodial care.** A facility such as above, housing not fewer than six and not more than 10 persons receiving such care, shall be classified as Group R-4.

**308.3 Institutional Group I-2.** Delete in its entirety and replace with the following:

**308.3 Institutional Group I-2.** This occupancy shall include buildings and structures used for medical care on a 24-hour basis for more than five persons who are incapable of self-preservation. This group shall include, but not be limited to, the following:

- Foster care facilities
- Detoxification facilities
- Hospitals
- Assisted Living Facilities
- Psychiatric hospitals

**308.3.3 Arizona State Department of Health Facilities.** All facilities as licensed by the State of Arizona Department of Health, further known, but not limited to, as direct care, personal care, supervisory care and behavioral residential agency, housing at least six and not more than 10 persons shall be considered a Group R-4.

**310.4 Residential Group R-3.** Amend congregate living facilities to read as follows:

*Congregate living facilities* (nontransient) with 10 or fewer occupants

**310.4.1 Care facilities within a dwelling.** Delete in its entirety and replace with the following:

**310.4.1 Care facilities within a dwelling.** Licensed care facilities for 10 or fewer persons receiving care that are within a single-family dwelling are permitted.

**310.5 Residential Group R-4.** Delete in its entirety and replace with the following:

**310.5 Residential Group R-4.** This occupancy shall include buildings, structures or portions thereof for more than five but not more than 10 persons, excluding staff, who reside on a 24-hour basis in a supervised residential environment and receive custodial care. The persons receiving care are capable of self-preservation, except as provided for assisted living homes. This group shall include, but not be limited to, the following:

- Alcohol and drug centers
- Assisted living homes
- Congregate care facilities
- Convalescent facilities
- Group homes
- Halfway houses
- Residential board and custodial care facilities
- Social rehabilitation facilities

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Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3 or one- and two-family dwellings, except as otherwise provided for in this code.

**310.5.1 Condition 1.** This occupancy condition shall include facilities licensed to provide supervisory care services, in which occupants are capable of self-preservation by responding to an emergency situation without physical assistance from staff. Condition facilities housing more than 10 persons shall be classified as Group I-2.

**310.5.2 Condition 2.** This occupancy condition shall include facilities licensed to provide personal or directed care services, in which occupants are incapable of self-preservation by responding to an emergency situation without physical assistance from staff. Condition 2 facilities housing more than 10 persons shall be classified as Group I-2.

**CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS**, is hereby amended as follows:

**Section 502.1 Address identification.** Delete in its entirety replace with the following:

New and existing buildings shall be provided with an approved identification in accordance with section 505.1 of the International Fire Code as adopted and amended.

**CHAPTER 9 FIRE PROTECTION AND LIFE SAFETY SYSTEMS**, is hereby amended as follows:

**901.1 Scope.** Add the following sentences:

Wherever the words "Building Official" appear in Sections 901 through 911 they shall be deleted and the words "Fire Marshal" shall be inserted in lieu thereof. Code sections preceded by [F] shall be considered to be maintained and administered under the International Fire Code. Where there is a conflict regarding fire suppression systems and/or alarms between this code and the Fire Code, as adopted and amended from time to time, by the City of Buckeye, the Fire Code shall prevail.

**901.5 Acceptance tests.** Delete the last sentence and amend to read as follows:

**901.5 Acceptance tests.** It shall be unlawful to use, occupy or furnish any portion of a structure until the fire protection systems of the structure have been tested and approved.

Section 903.2.8.2 is amended as follows:

**903.2.8.2 Group R-4, Condition 1.**

Modified NFPA 13D sprinkler system shall be required to be installed in accordance with Section 903.3.1.3. If any portion of a patio has habitable space directly above the patio, all of the patio ceiling shall be equipped with sprinkler protection.

**Exceptions:**

1. Family foster homes and foster group homes licensed by the State of Arizona Department of economic security.
2. Behavioral Health Group Homes (BHG) that serve five or fewer residents and are licensed by the State of Arizona Department of health services.

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**Section 903.2.8.2 is amended as follows:**

**903.2.8.2 Group R-4, Condition 1.**

Modified NFPA 13D sprinkler system shall be required to be installed in accordance with Section 903.3.1.3. If any portion of a patio has habitable space directly above the patio, all of the patio ceiling shall be equipped with sprinkler protection.

**Exceptions:**

1. Family foster homes and foster group homes licensed by the State of Arizona department of economic security.
2. Behavioral Health Group Homes (BHGH) that serve five or fewer residents and are licensed by the state of Arizona department of health services.

**Section 903.2.8.3 is amended as follows:**

**903.2.8.3 Group R-4, Condition 2.**

Modified NFPA 13D sprinkler system shall be required to be installed in accordance with Section 903.3.1.3. If any portion of a patio has habitable space directly above the patio, all of the patio ceiling shall be equipped with sprinkler protection.

The sprinkler system shall consist of an electronically supervised valve located between the domestic water riser control valve and the sprinklers, and shall be equipped with an electronically supervised water-flow switch and monitored by an approved monitoring, and shall sound an alarm at a constantly attended location inside the facility. The minimum listed electronic components for the alarm system shall consist of:

1. Auto dialer.
2. Primary and secondary phone line or wireless digital alarm communications. Transmitter with primary and secondary communications ports.
3. Interior horn-strobe and exterior horn-strobe connected to the fire sprinkler riser water-flow switch.
4. Interconnected smoke alarms.
5. Carbon monoxide devices with distinctive signal, which is different from the smoke alarm, signal.

**Exceptions:**

1. Family foster homes and foster group homes licensed by the State of Arizona department of economic security.
2. Behavioral health group homes (BHGH) that serve five or fewer residents and are licensed by the State of Arizona Department of Health services.

**Section 903.2.8.3 is amended as follows:**

**903.2.8.3 Group R-4, Condition 2.**

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Modified NFPA 13D sprinkler system shall be required to be installed in accordance with Section 903.3.1.3. If any portion of a patio has habitable space directly above the patio, all of the patio ceiling shall be equipped with sprinkler protection.

The sprinkler system shall consist of an electronically supervised valve located between the domestic water riser control valve and the sprinklers, and shall be equipped with an electronically supervised water-flow switch and monitored by an approved monitoring, and shall sound an alarm at a constantly attended location inside the facility. The minimum listed electronic components for the alarm system shall consist of:

1. Auto dialer.
2. Primary and secondary phone line or wireless digital alarm communications transmitter with primary and secondary communications ports.
3. Interior horn-strobe and exterior horn-strobe connected to the fire sprinkler riser water-flow switch.
4. Interconnected smoke alarms.
5. Carbon monoxide devices with distinctive signal, which is different from the smoke alarm, signal.

**Exceptions:**

1. Family foster homes and foster group homes licensed by the State of Arizona department of economic security.
2. Behavioral Health Group Homes (BHGH) that serve five or fewer residents and are licensed by the State of Arizona department of health services.

Section 903.3.1.1.1 Exempt Locations is amended as follows:

**903.3.1.1.1 Exempt locations.** 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.

3. Dedicated rooms within buildings, containing only electrical equipment, generators, transformers, or similar equipment, and used for no other purpose, which are 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.

Section 912.2 Location is amended as follows:

**912.2 Location.** With respect to hydrants, driveways, buildings 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 buildings for other fire apparatus. The location of fire department connections shall be not more than 100 feet from the closest in service fire hydrant, or as approved by the fire code official.

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**CHAPTER 10 MEANS OF EGRESS**, is hereby amended as follows:

**Section 1004.9, Posting of occupant load.** Delete the last sentence and add the following:

The sign shall be printed in letters and numbers not less than  $\frac{3}{4}$  inch brush stroke by 2 inches on a contrasting background and read: "As determined by City of Buckeye - Maximum Occupant Load \_\_\_\_\_". Posted signs shall be maintained by the owner or authorized agent. The number of people occupying the room or space shall not exceed the maximum occupant load posted on the sign as determined by the Building Official.

Section 1017.2.2.1 is added to read as follows:

**1017.2.2.1 Group F-1 and S-1 with a storage area greater than 500,000 square feet (46,451 m<sup>2</sup>).** When storage areas in Group F-1 and S-1 occupancies are greater than 500,000 square feet, a technical report prepared by an Arizona professional shall be submitted for review and approval by the fire code official. Additional fire protection or life safety systems, or both, may be required by the Fire Marshal.

**CHAPTER 11 ACCESSIBILITY**, is amended as follows:

**Section 1102.1 Design.** Amend by adding the following:

**1102.1 Design.** Buildings and facilities shall be designed and constructed to be accessible in accordance with this Code, ICC A117.1 as adopted and amended by the governing authority, the 2010 ADA Standards for accessible design, as adopted and amended by the governing authority; the "Arizonans With Disabilities Act" (Arizona Revised Statutes, Title 41, Chapter 9, Article 8) as amended, and the "Arizonans With Disabilities Act Implementing Rules" (Arizona Administrative Code, Title 10, Chapter 3, Article 4), which rules incorporate the Federal "Americans With Disabilities Act Accessibility Guidelines For Buildings And Facilities." The requirements herein shall apply to new construction and alterations and are not required in buildings or portions of existing buildings that do not meet the standards and specifications unless expressly required by the International Existing Building Code as adopted, Federal or State Law.

**1103.2.5 Construction Sites.** Amend by adding the following:

**1103.2.5.1 Temporary sales offices/trailers** Temporary sales offices/trailers are required to be accessible. There shall be accessible parking and an accessible route from the accessible parking aisle to the sales office/trailer and throughout the public portion of the sales office/trailer including the design center. Accessible toilet rooms shall be provided according to this code.

**Section 1206, "SOUND TRANSMISSION"**. Add new section to read as follows:

**1206.4 Sound attenuation.** All residential buildings or portions of buildings where the public is received, office areas and where normal noise level is low for first occupancy, including libraries, schools and churches, pursuant to building permits issued after December 31, 2001 in order to achieve a maximum interior noise level of forty-five (45) decibels in areas within the noise contours described in ARS section 28-8461, paragraph 9, subdivision (a), (b) or (c), as applicable.

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These sound attenuation requirements do not apply to ancillary buildings used in agricultural land use.

If the gross floor area of a structure or project is expanded by less than fifty (50) percent, the requirements of this section apply only to the area of expansion. If the gross floor area of a structure or project is expanded by fifty (50) percent or more, the requirements of this section apply to the entire structure, except for single family, mobile home, manufactured housing unit or duplex dwellings or any multifamily property used for residential purposes.

The Building Official may approve as an alternative, a certification by an architect or engineer registered pursuant to Title 32, Chapter 1 to achieve a maximum interior noise level of forty-five (45) decibels at time of final construction.

**CHAPTER 31 SPECIAL CONSTRUCTION**, is hereby amended to read as follows:

**Section 3109-Swimming Pools, Spas and Hot Tubs**

3109.1 Shall be amended as follows:

The provisions of this section shall apply to the design of barriers for restricting entry into areas having pools and spas. Where spas or hot tubs are equipped with a lockable safety cover complying with ASTM F1346 and swimming pools are equipped with a powered safety cover that complies with ASTM F1346, the areas where those spas, hot tubs or pools are located shall not be required to comply with Sections 3109.2 through 3109.7

3109.1.1 Construction Fencing Required

A temporary enclosure shall be installed for in ground swimming pools and spas from the time that construction occurs up to the time that the permanent barrier is completed. The temporary enclosure shall be a minimum of 4 feet (1219 mm) in height, shall have no openings that will allow passage of a 4-inch (102 mm) sphere and shall be equipped with a positive latching device on any openings.

3109.2 Outdoor Swimming Pools and Spas

Outdoor pools and spas and indoor swimming pools shall be surrounded by a barrier that complies with Sections 3109.2.1 through 3109.7.

3109.2.1 Barrier Height and Clearances

Barrier heights and clearances shall be in accordance with all of the following:

1. The top of the barrier shall be not less than 60 inches (1524 mm) above grade where measured on the side of the barrier that faces away from the pool or spa. Such height shall exist around the entire perimeter of the barrier and for a distance of 3 feet (914 mm) measured horizontally from the outside of the required barrier.
2. The vertical clearance between grade and the bottom of the barrier shall not exceed 2 inches (51 mm) for grade surfaces that are not solid, such as grass or gravel, where measured on the side of the barrier that faces away from the pool or spa.
3. The vertical clearance between a surface below the barrier to a solid surface, such as concrete, and the bottom of the required barrier shall not exceed 4 inches (102 mm) where measured on the side of the required barrier that faces away from the pool or spa.

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4. Where the top of the pool or spa structure is above grade, the barrier shall be installed on grade or shall be mounted on top of the pool or spa structure. Where the barrier is mounted on the top of the pool or spa, the vertical clearance between the top of the pool or spa and the bottom of the barrier shall not exceed 4 inches (102 mm).

#### 3109.2.2 Openings

Openings in the barrier shall not allow passage of a 4-inch diameter (102 mm) sphere.

#### 3109.2.3 Solid Barrier Surfaces

Solid barriers that do not have openings shall not contain indentations or protrusions that form handholds and footholds, except for normal construction tolerances and tooled masonry joints.

#### 3109.2.4 Mesh Fence as a Barrier

Mesh fences, other than chain link fences in accordance with Section 3109.2.7, shall be installed in accordance with the manufacturer's instructions and shall comply with the following:

1. The bottom of the mesh fence shall be not more than 1 inch (25 mm) above the deck or installed surface or grade.
2. The maximum vertical clearance from the bottom of the mesh fence and the solid surface shall not permit the fence to be lifted more than 4 inches (102 mm) from grade or decking.
3. The fence shall be designed and constructed so that it does not allow passage of a 4 inch (102 mm) sphere under any mesh panel. The maximum vertical clearance from the bottom of the mesh fence and the solid surface shall be not greater than 4 inches (102 mm) from grade or decking.
4. An attachment device shall attach each barrier section at a height not lower than 45 inches (1143 mm) above grade. Common attachment devices include, but are not limited to, devices that provide the security equal to or greater than that of a hook-and-eye type latch incorporating a spring-actuated retaining lever such as a safety gate hook.
5. Where a hinged gate is used with a mesh fence, the gate shall comply with Section 3109.3.
6. Patio deck sleeves such as vertical post receptacles that are placed inside the patio surface shall be of a nonconductive material.
7. Mesh fences shall not be installed on top of on-ground residential pools.

##### 3109.2.4.1 Setback for Mesh Fences

The inside of a mesh fence shall be not closer than 20 inches (508 mm) to the nearest edge of the water of a pool or spa.

##### 3109.2.5 Closely Spaced Horizontal Members

Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the pool or spa side of the fence. Spacing between vertical members shall not exceed 1 ¾ inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1 ¾ inches (44 mm) in width.

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### 3109.2.5 Closely Spaced Horizontal Members

Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the pool or spa side of the fence. Spacing between vertical members shall not exceed 1 3/4 inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1 3/4 inches (44 mm) in width.

### 3109.2.6 Widely Spaced Horizontal Members

Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, spacing between vertical members shall not exceed 4 inches (102 mm). Where there are decorative cutouts within vertical members, the interior width of the cutouts shall not exceed 1 3/4 inches (44 mm).

### 3109.2.7 Chain Link Dimensions

The maximum opening formed by a chain link fence shall be not more than 1 3/4 inches (44 mm). Where the fence is provided with slats fastened at the top and bottom that reduce the openings, such openings shall be not greater than 1 3/4 inches (44 mm).

### 3109.2.8 Diagonal Members

Where the barrier is composed of diagonal members, the maximum opening formed by the diagonal members shall be not greater than 1 3/4 inches (44 mm). The angle of diagonal members shall be not greater than 45 degrees (0.79 rad) from vertical.

### 3109.2.9 Clear Zone

The required barrier height shall exist around the entire perimeter of the barrier and for a distance of 3 feet (914 mm) measured horizontally from the outside of the required barrier, free of structures, equipment or similar objects.

### 3109.3 Doors and Gates

Doors and gates in barriers shall comply with the requirements of Sections 3109.3.1 through 3109.3.3 and shall be equipped to accommodate a locking device. Pedestrian access doors and gates shall open outward away from the pool or spa, shall be self-closing and shall have a self-latching device.

#### 3109.3.1 Utility or Service Doors and Gates

Doors and gates not intended for pedestrian use, such as utility or service doors and gates, shall remain locked when not in use.

#### 3109.3.2 Double or Multiple Doors and Gates

Double doors and gates or multiple doors and gates shall have not fewer than one leaf secured in place and the adjacent leaf shall be secured with a self-closing and self-latching device.

#### 3109.3.3 Latch Release

For doors and gates in barriers, the door and gate latch release mechanisms shall be in accordance with the following:



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1. Where the door and gate latch release mechanisms are accessed from the outside of the barrier and are not of the self-locking type, such mechanism shall be located above the finished floor or ground surface in accordance with the following:

1.1 At public pools and spas, not less than 52 inches (1219 mm) and not greater than 54 inches (1372 mm).

1.2 At residential pools and spas, not less than 54 inches (1372 mm).

2. Where door and gate latch release mechanisms are of the self-locking type such as where the lock is operated by means of a key, an electronic opener or the entry of a combination into an integral combination lock, the lock operation control and the latch release mechanism shall be located above the finished floor or ground surface in accordance with the following:

2.1 At public pools and spas, not less than 34 inches and not greater than 48 inches (1219 mm).

2.2 At residential pools and spas, at not greater than 54 inches (1372 mm).

3. At private pools, where the only latch release mechanism of a self-latching device for a gate is located on the pool and spa side of the barrier, the release mechanism shall be located at a point that is at least 3 inches (76 mm) below the top of the gate.

#### 3109.3.4 Barriers Adjacent to Latch Release Mechanisms

Where a latch release mechanism is located on the inside of a barrier, opening in the door, gate and barrier within 18 inches (457 mm) of the latch shall not be greater than ½ inch (12.7 mm) in any dimension.

#### 3109.4 Structure Wall as Barrier

Where a wall of a dwelling or structure serves as part of the barrier and where doors, gates or windows provide direct access to the pool or spa through that wall, one of the following shall be required:

1. Operable windows having a sill height of less than 48 inches (1219 mm) above the indoor finished floor, doors and gates shall have an alarm that produces an audible warning when the window, door or their screens are opened. The alarm shall be listed and labeled as a water hazard entrance alarm in accordance with UL 2017.

2. In dwellings not required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located at not less than 54 inches (1372 mm) above the finished floor.

3. In dwellings that are required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located not greater than 54 inches (1372 mm) and not less than 48 inches (1219 mm) above the finished floor.

4. In structures other than dwellings, the operable parts of the alarm deactivation switches shall be located not greater than 54 inches (1372 mm) and not less than 48 inches (1220 mm) above the finished floor.

5. A safety cover that is listed and labeled in accordance with ASTM F1346 is installed for the pools and spas.

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6. An approved means of protection, such as self-closing doors with self-latching devices, is provided. Such means of protection shall provide a degree of protection that is not less than the protection afforded by Item 1 or 2.

#### 3109.5 Onground Residential pool Structure as a Barrier

An onground residential pool wall structure or a barrier mounted on top of an onground residential pool wall structure shall serve as a barrier where all of the following conditions are present:

1. Where only the pool wall serves as the barrier, the bottom of the wall is on grade, the top of the wall is not less than 48 inches (1219 mm) above grade for the entire perimeter of the pool, the wall complies with the requirements of Section 3109.2 and the pool manufacturer allows the wall to serve as a barrier.
2. Where a barrier is mounted on top of the pool wall, the top of the barrier is not less than 48 inches (1219 mm) above grade for the entire perimeter of the pool, and the wall and the barrier on top of the wall comply with the requirements of Section 3109.2.
3. Ladders or steps used as means of access to the pool are capable of being secured, locked or removed to prevent access except where the ladder or steps are surrounded by a barrier that meets the requirements of Section 3109.
4. Openings created by the securing, locking or removal of ladders and steps do not allow the passage of a 4-inch (102 mm) diameter sphere.
5. Barriers that are mounted on top of onground residential pool walls are installed in accordance with the pool manufacturer's instructions.

#### 3109.6 Natural Barriers

In the case where the pool or spa area abuts the edge of a lake or other natural body of water, public access is not permitted or allowed along the shoreline, and required barriers extend to and beyond the water's edge not less than 18 inches (457 mm), a barrier is not required between the natural body of water shoreline and the pool or spa when approved by the Building Inspector.

#### 3109.7 Natural Topography

Natural topography that prevents direct access to the pool or spa area shall include but not be limited to mountains and natural rock formations. A natural barrier approved by the Building Inspector shall be acceptable provided that the degree of protection is not less than the protection afforded by the requirements of Sections 3109.2 through 3109.5.

#### 3109.8 Means of Egress

Outdoor public pools provided with barriers shall have means of egress as required by Chapter 10 of the International Building Code.

**Section 3113 Relocatable and Factory Buildings.** Delete Section 3113.1 through 3113.4 in its entirety and replace with the following.

#### **3113.1 General.**

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Factory-built buildings, manufactured homes and mobile homes shall comply with applicable laws of the state of Arizona and this Code. The provisions of this section for factory-built buildings, manufactured homes and mobile homes take precedence over other code provisions which are inconsistent therewith. the general provisions of this Code shall apply in all areas where there are not specific provisions in this section.

**3113.1.1 Arizona Law.**

The construction of factory-built buildings and manufactured homes is regulated by the State of Arizona, Arizona Revised Statutes ARS 41-4001 et seq, and is not included in this Code.

**3113.1.2 Manufactured Home Installation.**

The installation of manufactured homes and mobile homes, including connection to utilities, is regulated by the State of Arizona and is not included in this Code, except that a City of Buckeye on-site permit is required for zoning code administration purposes. Connection to a city water or sewer tap requires a separate permit from the planning and development services department.

**3113.1.3 Factory-Built Building Installation.**

The installation of factory-built buildings including their foundations and direct connection to sewer, water, gas or electric utilities, is regulated by the State of Arizona and is not included in this Code, except that a City of Buckeye on-site permit is required for compliance with zoning code requirements and with building code requirements pertaining to location on property and setback from other buildings or structures on the property. A City of Buckeye building permit is required for all on-site construction (except foundations) including connection to or alteration of existing on-site sewer, water, gas or electrical systems, and for construction of all site improvements required by the zoning code such as design review elements, signs, parking, landscaping, site amenities and disabled accessibility. connection to a city water or sewer tap requires a separate permit from the planning and development services department.

**3113.1.4 Alterations and Additions.**

Repairs, alterations and site-built additions to factory-built buildings, mobile homes and manufactured homes are regulated by this Code and by the City of Buckeye zoning ordinance and require City of Buckeye permits.

**3113.1.5 Occupancy and Use.**

Occupancy and use of a factory built-building, manufactured home or mobile home is prohibited without first obtaining inspection approval and a certificate of occupancy from the building official, to verify compliance with the City of Buckeye zoning ordinance and other applicable city codes and ordinances.

**3113.2 Definitions.** For the purpose of this section, the following definitions shall apply:

Factory built building is a residential or non-residential building including a dwelling unit or habitable room thereof which is either wholly or in substantial part manufactured at an

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off-site location to be assembled on-site, except it does not include a manufactured home, recreational vehicle or mobile home (A.R.S. § 41-4001).

Manufactured home is a structure built in accordance with the National Manufactured Home Construction and Safety Standards Act.

Mobile home is a structure built prior to JUNE 15, 1976, on a permanent chassis, capable of being transported in one or more sections and designed to be used with or without a permanent foundation as a dwelling when connected to on-site utilities except that it does not include recreational vehicles or factory-built buildings.

On-site permit is the permit issued by the building official which authorizes the placement of a factory-built building, manufactured home or mobile home on a site. The on-site permit shall authorize only the placement, foundation or unit tie-down, and specific connections to utility services which are authorized by a permit issued by the State of Arizona office of manufactured housing. all other work on the site shall require a building permit issued by the building official in accordance with Section 105 of this Code. Connection to a city water or sewer tap requires a separate permit from the planning and development services department.

### **3113.3 Installation Requirements.**

No factory-built building, manufactured home or mobile home shall be moved onto or installed on any lot or site in the City of Buckeye except in compliance with these provisions.

#### **3113.3.1 State Insignia Required.**

No person, firm or corporation shall move onto any site any factory-built building or manufactured home building unless such building bears a current, valid insignia of approval of the State of Arizona.

#### **3113.3.2 State Permit Required.**

No person, firm or corporation shall move onto any site any factory-built building, manufactured home or mobile home unless and until a permit for such installation has been obtained from the State of Arizona.

#### **3113.3.3 On-Site Permit Required.**

No person firm or corporation shall move onto any site, or relocate on any site, any factory built building, manufactured home or mobile home until an on-site permit has been issued by the City of Buckeye building official.

A site plan shall be submitted to the building official which shows all utility connections and all other information necessary to ascertain compliance with the separation and area restrictions of other sections of this Code and with all provisions of the City of Buckeye zoning ordinance. If the building official is satisfied that the work described by the documents submitted conform to this section and other applicable law, the on-site permit shall be issued to the owner of the site or his authorized agent.

#### **3113.3.4 Building Permit Required.**

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The person, firm or corporation obtaining the on-site permit shall also apply for and obtain a building permit from the building official when one or more of the following conditions apply:

1. For all on-site construction which connects to or alters existing buildings or existing on-site sewer, water, gas or electrical systems.
2. For all on-site construction which is required by or regulated by the City of Buckeye zoning ordinance, such as for design review elements, signs, parking, landscaping, site amenities and accessibility.
3. For all construction or alteration which is not part of the state-approved factory-built building, manufactured home, or mobile home including all interior fit-up, tenant improvement or remodeling work which is not specifically included in such state permit.
4. When a City of Buckeye inspection is requested by the installer for work otherwise included in the State of Arizona installation permit, including but not limited to requests for utility clearance inspections.

#### **3113.4 Repairs, Alterations, and Additions.**

No person shall repair, alter or add on to a factory-built building, manufactured home or a mobile home after the unit has been installed without first having obtained a permit from the building official for the specific work to be performed. all such work shall comply with the requirements of this Code.

#### **3113.5 Fire Protection.**

Factory-built buildings, manufactured homes or mobile homes shall be protected pursuant to the City of Buckeye Fire Code.

Amending the City of Buckeye Code of Ordinances, Chapter 15 – BUILDING REGULATIONS, Article 15-2 -BUILDING CODES by amending Section 15-2-2 – Residential Code, to read as follows:

### CHAPTER 15 – BUILDING REGULATIONS

#### Article 15-2 – BUILDING CODES

#### **Section 15-2-2 Residential Code**

- A. Residential Code Adopted. That certain document designated and marked as the 2024 International Residential Code, as published by the International Code Council, three (3) paper copies or one (1) paper copy and one (1) electronic copy of which are on file in the office of the City Clerk, is hereby adopted by reference as if fully set forth herein and it is hereby declared to be unlawful to be in violation of any provision of the City’s uniform code or cause or permit the same to be done, contrary to or in violation of any of the provisions of the City’s uniform code as hereby adopted by the City Council.
- B. City of Buckeye Amendments to the 2024 International Residential Code.

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## CHAPTER 1 SCOPE AND ADMINISTRATION

**R101.1 Title.** Insert “City of Buckeye” as the name of jurisdiction.

**R101.2 Scope.** Add the following subsection:

**R101.2.1 Residential photovoltaic systems.** Residential Photovoltaic Systems shall be installed per the 2023 National Electric Code as adopted by the City of Buckeye and amended from time to time.

**Renumber R101.2.1 to R101.2.2 Appendices.** Provisions in the appendices shall not apply unless specifically referenced in the adopting ordinance. The following appendices are adopted:

APPENDIX BA MANUFACTURED HOUSING USED AS DWELLINGS

APPENDIX BB TINY HOUSES

APPENDIX BF PATIO COVERS

APPENDIX BG SOUND TRANSMISSION

APPENDIX BO EXISTING BUILDINGS AND STRUCTURES

**R102 Applicability,** is hereby amended as follows:

**R102.6 Existing structures.** Any references to the International Property Maintenance Code shall be deleted and the words "Property Maintenance Code as adopted by the City of Buckeye and amended from time to time" shall be inserted in lieu thereof.

**R105 Permits,** is hereby amended as follows:

**R105.2 Work exempt from permit.** Delete in its entirety and amend to read as follows: “Refer to section 105.2 of the Building Code as adopted by the City of Buckeye and amended from time to time.”

**R105.3.2 Time limitation of application.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**R105.4 Validity of permit.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**R105.5 Expiration.** Delete in its entirety and amend to read as follows: Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**R105.6 Suspension or revocation.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

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R106.1 Delete in its entirety and amend to read as follows:

**R106.1 Submittal Documents.**

Submittal documents consisting of construction documents, statement of special inspections, geotechnical report and other data shall be submitted with each permit application. The construction documents shall be prepared by a registered design professional as required by the State of Arizona Board of Technical Registration. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional licensed by the state of Arizona. Refer to the technical guidelines on the City of Buckeye website.

**Exception:** The building official is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that review of construction documents is not necessary to obtain compliance with this code.

**R108 Fees.** Fees is hereby amended as follows:

**Section 108.3 Building permit valuations.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**Section 108.5 Refunds.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**Section R108.6 Work commencing before permit issuance.** Delete in its entirety and amend to read as follows:

Shall be in conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**R109 Inspections.** Inspections is hereby amended as follows:

**Section R109.1.5 Other inspections.** Add the following subsection:

**R109.1.5.2 Lath or gypsum board inspection.** Inspection of the lath or gypsum board shall be made after all lathing and gypsum board, interior and exterior, is in place, but before any plastering is applied or before gypsum board joints and fasteners are taped and finished.

**R110 Certificate of Occupancy,** is hereby amended to read as follows:

**R110.1 Use and change of occupancy.** Add the following words to the end of the sentence: "as adopted by the City of Buckeye and amended from time to time."

**CHAPTER 2 DEFINITIONS**, is hereby amended to read as follows:

**[RB] FIRE SEPARATION DISTANCE.** The distance measured from the building face to one of the following:

1. To the closest interior lot line.
2. To the centerline of a street, an alley or public way.
3. To an imaginary line between two buildings on the lot.
4. The distance shall be measured at a right angle from the face of the wall framing.

**CHAPTER 3 BUILDING PLANNING**, is hereby amended to read as follows:

**Table R301.2(1)**, is hereby modified to read as follows:

**CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

Ground Snow Load <sup>o</sup>	Speed <sup>d</sup> (mph)	Seismic Design Category <sup>f</sup>	Subject To Damage From			Winter Design Temp <sup>e</sup>	Ice Shield Under-Layment Re-quired <sup>h</sup>	Flood Hazards <sup>g</sup>	Air Freezing Index
			Weathering <sup>a</sup>	Frost Line Depth <sup>b</sup>	Ter-mite <sup>c</sup>				
N/A	115 mph Exposure C	B	Moderate	N/A	Moderate to Heavy	34°F		Jurisdiction Specific	

(Footnotes in Table R301.2(1) remain unchanged)

**R309 AUTOMATIC FIRE SPRINKLER SYSTEMS.** Delete in its entirety and replace with the following:

**R309 AUTOMATIC FIRE SPRINKLER SYSTEMS.**

**R309.1 Automatic fire sprinkler systems for townhouses and one- and two-family dwellings.** Fire sprinklers shall be required per the International Fire Code as adopted by the City of Buckeye and amended from time to time.

**R317.5 Fire sprinklers.** Delete in its entirety and replace with the following:

**R317.5 Fire sprinklers.** Fire sprinklers shall be required per the International Fire Code as adopted by the City of Buckeye and amended from time to time.

**R319.1 Emergency escape and rescue opening required.** Is hereby amended to read as follows:

Delete exception 4.



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**R325 LIGHT, VENTILATION AND HEATING**, is hereby amended as follows:

Add the following Sub-section Section **R325.9 Air Conditioning** to read as follows:

**R325.9 Air Conditioning.** Every dwelling unit shall be provided air conditioning facilities capable of maintaining room temperatures between at or below 90°F (32°C) at a point 3 feet (914 mm) above the floor and 2 feet (610 mm) from exterior walls in all habitable rooms. The installation of one or more portable air conditioning units shall be permitted to achieve compliance with this section when their installation is compliant with the electrical code, mechanical code and does not block the only emergency means of egress from a sleeping room. Evaporative coolers shall not be used as the sole means to achieve compliance with this section.

**R328 Swimming Pools, Spas and Hot Tubs**

**R328.1** Is hereby amended as follows; **Barriers shall comply with Section 3109 of the International Building Code as amended and adopted.**

**CHAPTER 11 ENERGY EFFICIENCY**, is hereby deleted in its entirety and amended to read as follows:

**Chapter 11 [RE] - Energy efficiency.** The requirements for energy efficiency shall be governed by the International Energy Conservation Code as adopted and amended from time to time by the City of Buckeye.

**CHAPTER 15 EXHAUST SYSTEMS**, is hereby amended to read as follows:

**M1503.6 Makeup air required** is hereby amended to read as follows:

**M1503.6 Makeup air required.** Where one or more gas, liquid or solid fuel-burning appliance that is nether direct-vent nor uses a mechanical draft venting system is located within a dwelling unit's air barrier, each exhaust system capable of exhausting in excess of 400 cubic feet per minute (0.19 m<sup>3</sup>/s) shall be mechanically or passively provided with makeup air at a rate approximately equal to the difference between the exhaust air rate and 400 cubic feet per minute. Such makeup air systems shall be equipped with no fewer than one damper complying with Section M1503.6.2.

**Exception:** Makeup air is not required for exhaust systems installed for the exclusive purpose of space cooling and intended to be operated only when windows or other air inlets are open.

**CHAPTER 24 FUEL GAS**, is hereby amended to read as follows:

**G2415.12 (IFGC 404.12) Minimum burial depth.** Underground piping systems shall be installed a minimum depth of 12 inches (305 mm) below grade for metal piping and 18 inches (457 mm) for plastic piping.

**G2415.12.1 Individual outside appliances.** Delete in its entirety.

**Section G2417.4.1 Test pressure.** Delete in its entirety and replace with the following:

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**G2417.4.1.4.1 Test pressure.** The test pressure to be used shall be no less than 1 ½ times the proposed maximum working pressure, but no less than 3 psig (20 kPa gauge) for 10 minutes, the acceptable air gauge shall be calibrated in 1/10 lb increments. Where the test pressure exceeds 125 psig (862 kPa gauge), irrespective of design pressure, the test pressure shall not exceed a value that produces a hoop stress in the piping greater than 50 percent of the specified minimum yield strength of the pipe.

Section P2903 Water Supply Systems

Amend Table P2903.2 Maximum Flow Rates and Consumption for Plumbing Fixtures and Fixture Fittings.

Change;

Lavatory Faucet to read 1.5 gpm at 60psi

Shower Head to read 2.0 gpm at 80psi

Water closet to read 1.28 gallons per flushing cycle

**E3606.5 Surge Protection.** Delete in its entirety.

**E3902.2 Garage and accessory building receptacles** is hereby amended as follows:

Add: Exception: Receptacles that are not readily accessible.

**E3902.14 Outdoor outlets.** Is hereby amended as follows:

Delete the last sentence of exception 3.

**E4002.11 Bathtub and Shower Space.** Delete in its entirety and replace with the following:

Receptacles shall not be installed within or directly over a bathtub or shower stall.

Amending the City of Buckeye Code of Ordinances, Chapter 15 – BUILDING REGULATIONS, Article 15-2 – BUILDING CODES by amending Section 15-2-3 – Mechanical Code, to read as follows:

**Section 15-2-3 Mechanical Code.**

- A. Mechanical Code Adopted. That certain document designated and marked as the International Mechanical Code, 2024 Edition, as published by the International Code Council, three (3) paper copies or one (1) paper copy and one (1) electronic copy of which are on file in the office of the City Clerk, is hereby adopted by reference as if fully set forth herein and it is hereby declared to be unlawful to be in violation of any provision of the City's uniform code or cause or permit the same to be done, contrary to or in violation of any of the provisions of the City's uniform code as hereby adopted by the City Council.
- B. City of Buckeye Amendments to the 2024 International Mechanical Code.

**CHAPTER 1 ADMINISTRATION**, is hereby amended as follows:

**101.1 Title.** Insert the words "City of Buckeye" as the name of jurisdiction.

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**105.4.4 Extensions.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**108.4 Work commencing before permit issuance.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**108.2 Schedule of permit fees.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**108.6 Refunds.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**115.4 Failure to comply.** Amend the last sentence as follows: "Any person who shall continue any work on the system after having been served by a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for a fine as established by the City of Buckeye."

Amending the City of Buckeye Code of Ordinances, Chapter 15 – BUILDING REGULATIONS, Article 15-2 – BUILDING CODES by amending Section 15-2- 4– Plumbing Code, to read as follows:

**Section 15-2-4 Plumbing Code**

- A. Plumbing Code Adopted. That certain document designated and marked as the International Plumbing Code, 2024 Edition, as published by the International Code Council, three (3) paper copies or one (1) electronic copy of which are on file in the office of the City Clerk, is hereby adopted by reference as if fully set forth herein and it is hereby declared to be unlawful to be in violation of any provision of the City’s uniform code or cause or permit the same to be done, contrary to or in violation of any of the provisions of the City’s uniform code as hereby adopted by the City Council.
- B. City of Buckeye Amendments to the 2024 International Plumbing Code.

**CHAPTER 1 SCOPE AND ADMINISTRATION**, is hereby amended as follows:

**Section 101.1 Plumbing.** Insert the words "City of Buckeye" as the name of jurisdiction.

**Section 101.2.1 Appendices.** Delete the sentence in its entirety and replace with the following:

"The following Appendices of the 2024 International Plumbing Code are adopted by the City of Buckeye:

**Appendix E—Sizing of Water Piping System"**

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**Section 105.5.4 Extensions.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**Section 108.4 Work commencing before permit issuance.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**Section 108.2 Schedule of permit fees.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**Section 108.6. Refunds.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**Section 115.4 Failure to comply.** Delete in its entirety and replace with the following:

**115.4 Failure to comply.** Upon notice from the code official, work on any plumbing system that is being done contrary to the provisions of this code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person, who shall continue any work on the system after having been served by a stop work order except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for civil or criminal penalties and fines as established by the City of Buckeye.

**CHAPTER 3 GENERAL REGULATIONS**, is hereby amended as follows:

**Section 305.4 Freezing** is amended to read as follows:

**305.4.1 Sewer depth.** Building sewers that connect to private sewage disposal systems shall be installed not less than 12 inches (305 mm) below finished grade at the point of septic tank connection. Building sewers shall be installed not less than 12 inches (305 mm) below grade.

**CHAPTER 4 FIXTURES, FAUCETS AND FIXTURE FITTINGS.**

Section 410 –Drinking Fountains is amended as follows:

410.2 Change “15” to 50.

**CHAPTER 6 WATER SUPPLY AND DISTRIBUTION**, is hereby amended as follows:

**Table 604.4 Maximum Flow Rates and Consumption for Plumbing Fixtures & Fixture Fittings**, is amended as follows:

**Table 604.4 Maximum Flow Rates AND Consumption for Plumbing Fixtures & Fixture Fittings**

<b>PLUMBING FIXTURE OR FITTING FIXTURE</b>	<b>MAXIMUM FLOW RATE OR QUANTITY<sup>b</sup></b>
Lavatory, private	1.5 gpm at 60 psi
Lavatory, public (metering)	0.25 gallon per metering cycle
Lavatory, public (other than metering)	0.5 gpm at 60 psi
Shower head <sup>a</sup>	2.0 gpm at 80 psi
Sink faucet	2.2 gpm at 60 psi
Urinal	0.125 gallons per flushing cycle
Water closet	1.28 gallons per flushing cycle <sup>c</sup>
For SI: 1 gallon = 3.785 L, 1 gallon per minute = 3.785 L/m.	
1 pound per square inch = 6.895 kPa.	
a. A hand-held shower spray is a shower head.	
b. Consumption tolerances shall be determined from referenced standards.	
c. For a dual-flush water closet, the effective flush volume is the composite, average flush volume of two reduced flushes and one full flush.	

Amending the City of Buckeye Code of Ordinances, Chapter 15 – BUILDING REGULATIONS, Article 15-2 – BUILDING CODES by amending Section 15-2-5 – Electrical Code, to read as follows:

**Section 15-2-5 Electrical Code**

- A. Electrical Code Adopted. That certain document designated and marked as the National Electrical Code, 2023 Edition, as published by the National Fire Protection Association, three (3) paper copies or one (1) paper copy and one (1) electronic copy of which are on file in the office of the city clerk, is hereby adopted by reference as if fully set forth herein and it is hereby declared to be unlawful to be in violation of any provision of the city's uniform code or cause or permit the same to be done, contrary to or in violation of any of the provisions of the city's uniform code as hereby adopted by the city council.
- B. City of Buckeye Amendments to the 2023 National Electrical Code.

**Article 90 Introduction**, is hereby amended as follows:

**Section 90.2 Use and Application.**

**(A) Practical safeguarding.** Add the following after the first paragraph:

Any and all electrical work for light, heat, power or any other purposes shall be installed in conformity with the rules and regulations as set forth in the Buckeye Electrical Code, as adopted

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and amended from time to time, and in conformity with the rules and regulations as set forth by the Building Official.

**(G) Administrative code.** Add the following subsection:

**(G) Administrative code.** The International Building Code, 2024 Edition, Chapter One, as adopted by the City of Buckeye and amended from time to time, shall be considered the Administrative Code for this sub-section.

**Article 90.6, Formal interpretations,** is amended as follows:

**90.6 Formal interpretations.** To promote uniformity of interpretation and application of the provisions of this Code, Appendix B: Board of Appeals of the Buckeye Building Code, as adopted by the city and amended from time to time, shall provide established procedures for appeals of interpretation under this Section.

**Article 110.7, Wiring integrity** is hereby amended by adding the following sentence:

All electrical equipment 1,000 amps or larger must pass a dielectric strength test by a qualified third party before requesting a meter clearance.

Amending the City of Buckeye Code of Ordinances, Chapter 15 – BUILDING REGULATIONS, Article 15-2 – BUILDING CODES by amending Section 15-2-6 – Fuel Gas Code, to read as follows:

**Section 15-2-6 Fuel Gas Code**

- A. Fuel Gas Code Adopted. That certain document designated and marked as the International Fuel Gas Code, 2024 Edition, as published by the International Code Council, three (3) paper copies or one (1) paper copy and one (1) electronic copy of which are on file in the office of the city clerk, is hereby adopted by reference as if fully set forth herein and it is hereby declared to be unlawful to be in violation of any provision of the city's uniform code or cause or permit the same to be done, contrary to or in violation of any of the provisions of the city's uniform code as hereby adopted by the city council.
- B. City of Buckeye Amendments to the 2024 International Fuel Gas Code.

**CHAPTER 1 ADMINISTRATION,** is hereby amended as follows:

**Section 101.1 Title.** Insert the words "City of Buckeye" as the name of jurisdiction.

**Section 105.5.4 Extensions.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**Section 108.4 Work commencing before permit issuance.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

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**Section 108.2 Schedule of permit fees.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**Section 108.6 Fee refunds.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**Section 113.4 Violation penalties.** Delete in its entirety.

**Section 114 Stop work order.** Amended to read as follows:

**114.4.** The last sentence is amended to read:

"Any person who shall continue any work on the system after having been served by a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for civil or criminal penalties and fines as established by the City of Buckeye."

**CHAPTER 2 DEFINITIONS,** is hereby amended to read as follows:

**201.4 Terms not defined.** Where terms are not defined through the methods authorized by this chapter, such terms shall have ordinarily accepted meanings such as the context implies.

**CHAPTER 4 GAS PIPING INSTALLATIONS,** is hereby amended as follows:

**IFGC 404.12 Minimum burial depth.** Underground piping systems shall be installed a minimum depth of 12 inches (305 mm) below grade for metal piping and 18 inches (457 mm) for plastic piping.

**Section 406.4.1 Test pressure.** Delete in its entirety and replace with the following:

**406.4.1 Test pressure.** The test pressure to be used shall be no less than 1½ times the proposed maximum working pressure, but no less than 3 psig (20 kPa gauge) for 10 minutes, the acceptable air gauge shall be calibrated in 1/10 lb. increments. Where the test pressure exceeds 125 psig (862 kPa gauge), irrespective of design pressure, the test pressure shall not exceed a value that produces a hoop stress in the piping greater than 50 percent of the specified minimum yield strength of the pipe.

Amending the City of Buckeye Code of Ordinances, Chapter 15 – BUILDING REGULATIONS, Article 15-2 – BUILDING CODES by amending Section 15-2-9 – Existing Building Code, to read as follows:

**Section 15-2-9 Existing Building Code**

- A. Existing Building Code Adopted. That certain document designated and marked as the International Existing Building Code, 2024 Edition, as published by the International Code Council, three (3) paper copies or one (1) paper copy and one (1) electronic copy of which are on file in the office of the city clerk, is hereby adopted by reference as if fully set forth herein and it is hereby declared to be unlawful to be in violation of any provision of the

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city's uniform code or cause or permit the same to be done, contrary to or in violation of any of the provisions of the city's uniform code as hereby adopted by the city council.

B. City of Buckeye Amendments to the 2024 International Existing Building Code.

**CHAPTER 1 SCOPE AND ADMINISTRATION**, is hereby amended to read as follows:

**101.1 Title.** Insert the words "City of Buckeye" as the name of jurisdiction.

**101.2 Scope.** Insert the words "when approved by the Building Official" at the end of the sentence.

**105.3.2 Time limitation of application.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**108.2 Schedule of permit fees.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**108.4 Work commencing before permit issuance.** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

**108.6 Refunds** Delete in its entirety and replace with the following: In conformance with the City of Buckeye Development User Fee Schedule, as amended from time to time.

Amending the City of Buckeye Code of Ordinances, Chapter 15 – BUILDING REGULATIONS, Article 15-2 – BUILDING CODES by amending Section 15-2-10 – Fire Code, to read as follows:

**Section 15-2-10 Fire Code**

- A. Fire Code Adopted. That certain document designated and marked as the International Fire Code, 2024 Edition, as published by the International Code Council, three (3) paper copies or one (1) paper copy and one (1) electronic copy of which are on file in the office of the city clerk, is hereby adopted by reference as the City's uniform fire code as if fully set forth herein and it is hereby declared to be unlawful to be in violation of any provision of the City's uniform fire code or cause or permit the same to be done, contrary to or in violation of any of the provisions of the City's uniform fire code as hereby adopted by the City Council.
- B. Appeals. Whenever the fire chief disapproves an application or refuses to grant a permit applied for, or when it is claimed that the provisions of the code do not apply or that the true intent and meaning of the code have been misconstrued or wrongly interpreted, the applicant may appeal from the decision of the Fire Chief to City Council within 30 days from the date of the decision appealed.
- C. New Materials, Processes or Occupancies Which May Require Permits. The fire chief or his designee and the fire marshal shall act as a committee to determine and specify, after giving affected persons an opportunity to be heard, any new materials, processes or occupancies



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for which permits are required in addition to those now enumerated in the International Fire Code. This information shall be posted in a conspicuous place at the fire station and copies thereof shall be distributed to interested persons.

- D. Deletions, Modifications, and Amendments. The following Sections of the 2024 Edition of the International Fire Code are amended as follows:

**Section 101.1 Title.** "City of Buckeye" is inserted as the name of jurisdiction.

**Section 101.2.1 Appendices** is deleted in its entirety and replaced with the following:

**101.2.1 Appendices.** The following appendices are adopted by City of Buckeye:

Appendix A: Board of Appeals

Appendix B: Fire Flow Requirements for Buildings

Appendix C: Fire Hydrant Locations and Distribution

Appendix D: Fire apparatus Access Roads

Appendix E: Hazard Categories

Appendix F: Hazard Ranking

Appendix H: Hazardous Materials Management Plan (HMMP) and Hazardous Materials Inventory Statement (HMIS) Instructions

Appendix I: Fire Protection Systems—Noncompliant Conditions

Appendix J: Building Information Sign

Appendix K: Construction Requirements for Existing Ambulatory Care Facilities

Appendix L: Requirements for Fire Fighter Air Replenishment Systems

Appendix N: Indoor Trade Show and Exhibitions

Appendix P: Regional Wireless Cooperative, Policies and Procedures

**Section 102.10 Administration; applicability; conflicting provisions** is amended to read as follows:

**102.10 Conflicting provisions.** Where there is conflict between a general requirement and a specific requirement, the specific requirement shall be applicable. Where there is a conflict between this Code and another Code, rule or regulation of the City of Buckeye, the more stringent shall apply.

**Section 104.7.4 Code alternatives and modifications** is amended by adding the following sentence to the beginning of the Section:

"The designated fire code official may develop guidance and details that are not consistent with the provisions of this code to assist those entities subject to this code comply with the provisions of this code."

**Section 109 Inspections** is amended by adding the following new subsection:

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**109.5 Special inspections.** The fire code official is authorized to appoint qualified persons or agencies having special technical skills as special inspectors or plan reviewers and accept their inspection, plan review and evaluation of specialized fire protection equipment or systems.

**Section 113 Violations** is amended by adding the following new subsection:

**113.4.2 Abatement of environmental, health, fire or life safety hazards by fire code official.** If any person fails to comply with the orders of the Fire Code Official, or if the Fire Code Official is unable to locate the owner, operator, occupant or other person responsible within a reasonable time, the Fire Code Official or any authorized representative may take such steps as are necessary to abate the hazard for the protection and safety of the public. In no event is notice necessary before abatement, when the hazard is a clear and present danger to the public welfare. All costs and attorney fees related to such abatement shall become a lien on the subject property.

**Section 202 General definitions** is amended to read as follows:

**AUTHORIZED EMERGENCY VEHICLE.** Is any of the following, per A.R.S. 28-101:

1. A fire department vehicle,
2. A police vehicle,
3. An ambulance or emergency vehicle of a municipal department or public service corporation that is designated or authorized by the department or a local authority, or
4. Any other ambulance, fire truck or rescue vehicle that is authorized by the department in its sole discretion and that meets liability insurance requirements prescribed by the department."

**CUSTODIAL CARE.** Non-medical care that helps an individual with his or her activities of daily living, preparation of special diets and self-administration of medication not requiring constant attention of medical personnel. Providers of custodial care are not required to undergo medical training.

**FIRE HAZARD.** Is any thing or act which increases or could cause an increase of the hazard or menace of fire to a greater degree than that customarily recognized as normal by persons in the public service regularly engaged in preventing, suppressing or extinguishing fire or any thing or act which could obstruct, delay, hinder or interfere with the operation of the fire department or the egress of occupants in the event of fire.

**PERSONAL CARE SERVICE** is deleted in its entirety and replaced with the following:

**PERSONAL CARE SERVICE.** Assistance with activities of daily living that can be performed by persons without professional skills or professional training and includes the coordination or provision of intermittent nursing services and administration of medications or treatments.

**OCCUPANCY CLASSIFICATION.**

**Institutional Group I-1.** This occupancy shall include buildings, structures or portions thereof for more than 10 persons who reside on a 24-hour basis in a supervised environment, receive

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custodial care, and are capable of self-preservation, except as provided for assisted living centers. This group shall include, but not be limited to, the following:

- Alcohol and drug centers
- Assisted living centers
- Congregate care facilities
- Convalescent facilities
- Group homes
- Halfway houses
- Residential board and custodial care facilities
- Social rehabilitation facilities

**Six to 16 persons receiving custodial care** is deleted in its entirety and replaced with the following:

**Six to 10 persons receiving custodial care.** A facility such as above, housing not fewer than six and not more than 10 persons receiving such care, shall be classified as Group R-4.

**Institutional Group I-2** is deleted in its entirety and replaced with the following:

**Institutional Group I-2.** This occupancy shall include buildings and structures used for medical care on a 24-hour basis for more than five persons who are incapable of self-preservation. This group shall include, but not be limited to, the following:

- Foster care facilities
- Detoxification facilities
- Hospitals
- Assisted Living Centers
- Psychiatric hospitals

**Arizona State Department of Health Facilities.** All facilities as licensed by the State of Arizona Department of Health, further known as, but not limited to, direct care, personal care, supervisory care and behavioral residential agency, housing at least six and not more than 10 persons shall be considered a Group R-4.

**Residential Group R-3** "Congregate living facilities" is amended to read as follows:

*Congregate living facilities* (nontransient) with 10 or fewer occupants

**Care facilities within a dwelling** is deleted in its entirety and replaced with the following:

**Care facilities within a dwelling.** Licensed care facilities for 10 or fewer persons receiving care that are within a single-family dwelling are permitted.

**Residential Group R-4** is deleted in its entirety and replaced with the following:

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**Residential Group R-4.** This occupancy shall include buildings, structures or portions thereof for more than five but not more than 10 persons, excluding staff, who reside on a 24-hour basis in a supervised residential environment and receive custodial care. The persons receiving care are capable of self-preservation, except as provided for assisted living homes. This group shall include, but not be limited to, the following:

Halfway houses

Residential board and custodial care facilities

Social rehabilitation facilities

Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3 or one- and two-family dwellings, except as otherwise provided for in this code.

**Condition 1.** This occupancy condition shall include facilities licensed to provide supervisory care services, in which occupants are capable of self-preservation by responding to an emergency situation without physical assistance from staff. Condition facilities housing more than 10 persons shall be classified as Group I-2.

**Condition 2.** This occupancy condition shall include facilities licensed to provide personal or directed care services, in which occupants are incapable of self-preservation by responding to an emergency situation without physical assistance from staff. Condition 2 facilities housing more than 10 persons shall be classified as Group I-2.

**SINGLE FAMILY DWELLING.** A single family dwelling is less than 5000 square feet measured under the roof line, remote and detached from all other structures and property lines and meets all set back requirements as outlined in the current City of Buckeye Development Code or Standards.

**NATIONAL INSTITUTE FOR THE CERTIFICATION OF ENGINEERING TECHNOLOGIES.** Is hereafter referred to as NICET (1420 King Street, Alexandria, VA, 22314-2915).

**SKY LANTERN.** Is a device designed to carry an open flame as an airborne light. It is also known as kongming lantern, wish lantern, sky candle, fire balloon, etc.

**Section 308.1.1 Where prohibited** is amended by adding the following new subsection:

**308.1.1.1 Sky lantern.** The lighting of, and the release of, sky lanterns shall be prohibited

**Section 308.1.4 Location near combustibles.** is amended to read as follows and to add the following new subsection:

**308.1.4.1 Open-flame cooking devices.** Charcoal burners, portable barbecues and other open flame devices shall not be operated on combustible balconies or within 10 feet (3,048 mm) of combustible construction.

**Exception:**

Single family dwellings.

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**308.1.4.2 Liquefied- petroleum-gas-fueled cooking devices.** No person shall use individual fixed or portable LP-gas burners or barbecues on or under any attached covered patios, balconies, covered walkways, stair or roof overhangs and shall not be located within 10 feet (3,048 mm) of combustible construction. Liquid propane grills are not allowed above the ground floor and LP cylinders shall not be stored in or transported through the building.

**Exception:**

Single family dwellings.

**Section 503 Fire apparatus access roads** is amended by amending subsection 503.1.2. to add the following new subsections:

**503.1.2.1 Residential additional access.** Residential developments where the number of dwelling units exceeds 20 shall be provided with two separate and approved fire apparatus access roads.

**503.1.4 Temporary fire apparatus access roads.** Temporary fire apparatus access roads, such as those used for fire department access during construction, must comply with Section 503.1.7.

**503.1.5 Required access.** Fire apparatus access is required within 150 feet of all points on the exterior of the building.

**503.1.6 Width.** Temporary fire apparatus access roads shall be a minimum of 20 feet in width.

**503.1.7 Surface.** The access roadway surface is usable in all weather conditions. Temporary fire apparatus access roads shall be constructed as follows: Minimum 6 inches of native soil compacted to 95% of standard proctor density (ASTM D698), and Minimum 4 inches of aggregate base compacted to 100% of standard proctor density (ASTM D698). The surface of temporary fire apparatus access roads may differ from the above requirements if it is shown that the surface provided is sufficient to support an imposed live load of 75,000 pounds with a maximum axle load of 24,000 pounds.

**503.1.8 Stabilization.** Curbs are not required for temporary fire apparatus access roads.

**Section 503.3 Marking** is amended to read as follows:

Where required by the fire code official, approved signs or other approved notices shall be provided for fire apparatus access roads (fire lanes) to identify such roads or prohibit the obstruction thereof on public and private property. Signs or notices shall be maintained in a clean and legible condition at all times and shall be replaced or repaired when necessary to provide adequate visibility. All fire lanes shall be marked per item 1 and item 2. :

1. Fire lane signs per City of Buckeye will adhere to the City of Buckeye Fire Department signage requirements detail 31452. .
2. Curb, street or driveway will be painted red to indicate fire lane and labeled "FIRE LANE NO PARKING" in white block letters 3 inches (76.2mm) in height with a 3/4 in. (19.5 mm) stroke, on the vertical face of the curb to indicate a fire lane. Lettering shall not be greater than 75'-0" (15.24m) apart and shall be posted at the beginning and end of the fire lane.

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3. It shall be unlawful for any vehicle, equipment or device to park in or block the fire lane. Any vehicle, equipment or device found parked in or blocking a fire lane shall be cited by the police or the fire department.

**Exception:**

Authorized emergency vehicles.

**Section 503.6 Security gates** is amended by adding the following new sub-sections:

**503.6.1 Fire department access limiting gates.** When required by the fire code official, gates limiting access shall be required to provide emergency Access controls for Fire Department entry.

**503.6.2 Gate operations.** Operation of the gate shall be by pre-emption device and key switch.

**503.6.3 Permit required.** Gate Access information and scale plans shall be submitted to the Fire Department for a permit.

**503.6.4 Minimum installation standards.** The installation of preemption devices shall comply with the following:

1. Traffic Preemption opening device shall be on all motorized gates. Model Specified by the Fire Department at time of installation shall be used.
2. Detectors shall be mounted 8 to 10 feet above grade.
3. Detectors shall be located a minimum of 18 inches behind the gate on the property side.
4. Detectors shall be mounted on a separate 4 inch by 4 inch metal post and not on the guidepost. The metal post shall be secured in concrete a minimum of 18 inches below grade.
5. Detectors shall activate at a minimum of 150 feet from the gate.
6. Detectors shall point toward both the approach and the exit path of the emergency vehicle."
7. The sight path of the detector shall be free of visual obstructions such as signs, covered parking, canopies and vegetation.
8. Individual detectors shall be mounted together with the power module in a dual detector mounting box. Detectors shall be approved by the fire department. A list of approved devices will be maintained by the fire department and available to the public.

**503.6.5 Gate access roadways.** The gates shall be designed so that the access roadway or turning radius (WB50) shall not be obstructed by the operation of the gate. Minimum set back from the public streets shall be a distance determined by the City Engineer and allow the emergency vehicle the ability to safely operate the lock box or panel. Turning radius from the public street shall be WB50.

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**503.6.6 Keyed access.** The lock box, padlock or key switch, must be an approved model utilized by the Buckeye Fire Department.

**503.6.7 Access controls.** Access controls shall be exterior to the gate and located for activation by the vehicle operator without dismounting from the vehicle. The height of the lock box/control panel shall be sixty (60) inches to sixty six (66) inches, measured from the finished grade line of the street.

**503.6.8 Access signage.** The control pedestal must be identified with a minimum six (6) inch by ten (10) inch sign with white reflective letters on a red background. This sign must be securely fastened to the pedestal and legible from the approaching vehicle, and read: EMERGENCY FIRE DEPARTMENT ACCESS.

**503.6.9 Gate operation.** Gates must fully open within fifteen (15) seconds of activation and remain in the open position for thirty minutes or until closed by the Fire Department.

**503.6.10 Fail safe operation.** Battery back-up for all motorized gates is required, unless the gate fails safe (open) in the event of a power failure.

**Section 503.7 Hillside building requirements.** Residential developments where the access and operations of emergency services is determined by the Fire Code Official to be impacted by the terrain or other geographical issues may require additional fire protection and safety requirements for construction. These requirements include, but are not limited to:

1. All Structures are to be fully protected by an automatic fire sprinkler system including the attic.
2. On all driveways exceeding 150 feet or of a design that would impair access, a horizontal standpipe will be required.
3. All lots will require an operational platform of 400 square feet and of a design approved by the Fire Code Official.
4. Pullouts constructed of an all-weather surface will be required next to fire hydrants on all private drives or access roadways less than 20 feet in width.
5. Grades exceeding 15% will require flat areas for acceleration and staging.

**Section 505.1 Address identification** is amended to read as follows:

**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. Landscaping or structures cannot obscure addresses or required signage. These numbers shall contrast with their background and shall be weather resistant. Where required by the fire code official, address numbers shall be provided in additional approved locations to facilitate emergency response. Address numbers shall be Arabic numbers or alphabetical letters. Unless otherwise provided herein, numbers shall be a minimum of 4 inches (101.6 mm) high with a minimum stroke width of 0.5 inch (12.7 mm). 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. Address numbers shall be maintained and sized in accordance with the following:

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1. One and two-family dwellings and commercial businesses being conducted in a one or two-family dwelling shall require a minimum of 4 inch high numbers or letters with a minimum 5/8 inch stroke width.
  2. Triplexes, multifamily dwellings and commercial buildings located less than 75 feet from a public right-of-way (the street on which the property is addressed) shall post a minimum of 12 inch numbers or letters having a minimum 2 inch stroke width.
  3. Triplexes, multifamily dwellings and commercial buildings located 75 feet to 200 feet from a public right-of-way (the street on which the property is addressed) shall post a minimum of 16 inch numbers or letters having a minimum 3 inch stroke width.
  4. Triplexes, multifamily dwellings and commercial buildings located more than 200 feet from a public right-of-way (the street on which the property is addressed) shall post a minimum of 24 inch numbers or letters having a 4 inch stroke width.
  5. Unit or suite numerals and/or letters shall be required on or adjacent to the front door and on the rear door of multi-tenant buildings to be immediately visible. Letters or numerals shall be a minimum of 4 inches in height with a minimum 5/8 inch stroke width in a color contrasting to the door and shall be weather-resistant.
  6. An approved address directory shall be installed at properties with more than one principal building, buildings with unit identification numbers, or when, in the opinion of the fire code official, emergency response may be delayed due to the physical layout of the complex. (Example: multi-family buildings, business office condos).
  7. Large Office and Warehouse Buildings - Minimum 24 inch high numbers with a 4 inch stroke with contrasting background. Address must be visible from all access directions. Buildings over 500 feet long will have two address locations if more than one access point is visible.
  8. In large or complex buildings or structures with 4 or more doors in any one building plane, all doors shall be numbered sequentially around the building or structure with a minimum of 12 inch numbers or letters having a minimum 2 inch stroke width or as required by the fire code official.
  9. Exceptions to these requirements shall be approved by the Fire Code Official.

**Section 506.1 Where required** is amended to read as follows:

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**506.1 Where required.** Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for lifesaving or fire-fighting purposes, or where there is an automatic fire sprinkler or fire alarm system, the Fire Official is authorized to require a key box to be installed in an accessible location(s). The key box shall be an approved type and shall contain keys to gain access as required by the Fire Official.

**Section 507 Fire Protection Water Supplies** is amended by amending Section 507.1 to read as follows, and by adding new subsections 507.1.2, 507.5.2.1, 507.5.7, and 507.8 to read as follows:

**507.1 Required water supply.** Water supplies for automatic and manual fire suppression and fire hydrants shall be in accordance with Appendix B. When water is not available, or if the flow rate, pressure, or duration of the water available from the City of Buckeye or Private water Company does not meet the minimum requirements of this code, the owner shall be responsible for installing the entire infrastructure required to meet the fire flow, pressure, and duration requirements of this code.

**507.1.2 Failure to provide water supply.** Failure to provide the required water supply necessary for fire protection shall be considered a hazard to life or property and is subject to enforcement under Section 110 of this code.

**507.2.1 Inspection of private water supply systems.** Private water supply system installations and modifications shall be subject to field inspection and tests by the Fire Department.

**507.5.7 Height.** Fire hydrants shall be installed so that the centerline of the lowest outlet is not less than 18 inches above grade and the highest outlet does not exceed 30 inches above grade.

**507.5.8 Color of hydrants.** The color of hydrants shall be fire hydrant yellow. Private fire hydrants shall have the bonnet painted reflective white. Hydrants not intended for fire department use shall have the bonnet painted black.

**Section 510 Emergency Responder Radio Coverage** is amended by adding the following new subsections to read as follows:

**510.01 Purpose.** The purpose of this article is to provide minimum standards to insure a reasonable degree of reliability for emergency services communications from within certain buildings and structures within the City of Buckeye to and from emergency communications centers. It is the responsibility of the emergency service provider to get the signal to and from the building site.

**510.02 Scope.** The provisions of this article shall apply to new buildings and structures of construction greater than fifty thousand (50,000) square feet or modifications made within any twelve (12) month period and exceed fifty percent (50%) of the value of the existing building(s) or structure(s), or the use of the property is expanded or enlarged by fifty percent (50%), which have not received a final inspection prior to the adoption of these provisions; and All basements or sub-level parking structures over ten thousand (10,000) square feet where the design occupant load is greater than fifty (50), regardless of the

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occupancy. For the purpose of this section, area separation walls cannot be used to define separate buildings.

**Section 510.03 Radio coverage.** Except as otherwise provided in this article, no person shall erect construct or modify any building or structure or any part thereof, or cause the same to be done which fails to support adequate radio coverage for firefighters and police officers and other public safety personnel. A final inspection shall not be approved for any building or structure that fails to comply with this requirement.

**Section 510.04 Regional Wireless Cooperative.** In addition to the requirements of section 510, compliance with appendix "P" is required

**Add Section 510.3.3 Permit and approval.** The City's Telecommunications unit with consideration of the appropriate police, fire and emergency medical department services, at the time the building permit is issued, shall determine the frequency range or ranges that must be supported. For the purpose of this section, adequate radio coverage shall constitute a successful communications test between the building and the communications centers for all appropriate emergency service providers for the building.

**Section 901 General** is amended by adding the following new sub-sections to read as follows:

**901.2.2 Plan certification for fire alarm systems and occupant notification.** All fire alarm and occupant notification system plans submitted to the fire department for review and approval shall bear a qualified registrants seal or review certification of a minimum level III NICET in Fire Alarms.

**901.2.3 Plan certification for fire sprinkler systems.** All fire sprinkler plans submitted to the fire department for review and approval shall bear a qualified registrant's seal or review certification of a minimum level III NICET in fire sprinklers in accordance with fire department Interpretation and Applications Manual.

**901.2.4 Plan certification for all other fire protection systems.** Plan certification for all other fire protection systems will be accompanied by a certification of competence when required.

**901.2.5 On-site plans.** Plans and specifications shall be submitted to the fire department for review and approval prior to construction. One set of fire department approved plans shall be on the job site for each inspection.

**Section 901.5.1 Occupancy** is amended to read as follows:

901.5.1 It shall be unlawful to use, occupy or furnish any portion of a structure until the fire protection systems of the structure have been tested and approved.

**Section 901.7 Systems out of service** is amended by adding the following sentence at the end of the section: "No required fire sprinkler system or fire alarm system shall be placed out of service for more than 8 hours in any one day without written authorization by the fire code official."

**Section 903.2 Where required** is amended to read as follows:

**903.2 Where required.** Exceptions shall be amended as follows.

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**Exceptions:**

The following accessory structures shall be exempt from fire sprinkler requirements:

1. Detached non-combustible carports or parking structures for residential and commercial developments with covered parking. Each non-combustible carport shall not exceed 15,000 square feet, and shall be separated from other parking structures by a minimum of ten (10) feet, and 10 feet minimum from a building.
  2. Barns and agricultural buildings for private, residential, non-commercial use, not exceeding 1,500 square feet (139.35m<sup>2</sup>) with no habitable areas.
  3. Detached storage sheds for private, residential, non-commercial use, not exceeding 1,500 square feet (139.35m<sup>2</sup>).
  4. Detached 1, 2, and 3 car garages (without habitable spaces) accessory to a single family R3 occupancy
  5. Non-combustible detached wash racks and canopies with flame retardant sunscreen.
  6. Open shade horse stalls of non-combustible construction for private, residential, non-commercial use, not exceeding 5,000 square feet (464.52m<sup>2</sup>) and no storage of combustible products, vehicles, or agricultural equipment.
  7. Telecommunications building:
    - a. A minimum of 20 feet shall be provided from the structure(s) to the closest building on the site.
    - b. A minimum of 20 feet shall be provided from the structure(s) to the property line.
    - c. A fire hydrant shall be located a maximum of 350 feet from the structure or an approved distance approved by the Fire Marshal.
    - d. Clear and unobstructed 20 foot fire apparatus access shall be provided to the structure(s).
    - e. Recommended a basic fire alarm with smoke detection tied into the SCADA system, for early detection and notification.
    - f. An approved Fire Suppression System may be required based on location and or single source infrastructure coverage area.
    - g. The storage or use of flammable liquids or any other hazardous materials in the structure is prohibited.
    - h. Independent structure of noncombustible construction will be limited to 200 square foot or less.
  8. Special use non-combustible structures as approved by the chief.
  9. Shade cloth structures constructed for nursery or agricultural purposes.
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10. Shade cloth structures for playgrounds etc. not exceeding 400 square feet and with a minimum 10 foot separation from other structures.

**Section 903.2.8 Group R** is amended to read as follows:

**903.2.8 Group R.** An automatic sprinkler system shall be installed throughout all Group R occupancies in accordance with NFPA 13, 13-R, or 13D Installation of Sprinkler Systems and Fire Department Interpretation and Applications Manual.

All structures and housing units by their design, construction or location, that present access issues for Fire Department response and are required to be protected throughout with an approved automatic sprinkler system.

**Exception:**

Detached Single Family Dwellings less than 5000 square feet measured under the roof line, remote and detached from all other structures and property lines and meets all set back requirements as outlined in the current City of Buckeye development rules or standards.

Section 903.2.8.2 is amended as follows:

**903.2.8.2 Group R-4, Condition 1.**

Modified NFPA 13D sprinkler system shall be required to be installed in accordance with Section 903.3.1.3. If any portion of a patio has habitable space directly above the patio, all of the patio ceiling shall be equipped with sprinkler protection.

**Exceptions:**

1. Family foster homes and foster group homes licensed by the State of Arizona department of economic security.
2. Behavioral Health Group Homes (BHGH) that serve five or fewer residents and are licensed by the State of Arizona department of health services.

Section 903.2.8.3 is amended as follows:

**903.2.8.3 Group R-4, Condition 2.**

Modified NFPA 13D sprinkler system shall be required to be installed in accordance with Section 903.3.1.3. If any portion of a patio has habitable space directly above the patio, all of the patio ceiling shall be equipped with sprinkler protection.

The sprinkler system shall consist of an electronically supervised valve located between the domestic water riser control valve and the sprinklers, and shall be equipped with an electronically supervised water-flow switch and monitored by an approved monitoring, and shall sound an alarm at a constantly attended location inside the facility. the minimum listed electronic components for the alarm system shall consist of:

1. Auto dialer.

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2. Primary and secondary phone line or wireless digital alarm communications. Transmitter with primary and secondary communications ports.
  3. Interior horn-strobe and exterior horn-strobe connected to the fire sprinkler riser water-flow switch.
  4. Interconnected smoke alarms.
  5. Carbon monoxide devices with distinctive signal, which is different from the smoke alarm, signal.

**Exceptions:**

1. Family foster homes and foster group homes licensed by the State of Arizona department of economic security.
2. Behavioral health group homes (bhgh) that serve five or fewer residents and are licensed by the State of Arizona department of health services.

**Section 903.3.1.1.1 Exempt Locations is amended as follows:**

**903.3.1.1.1 Exempt locations.** 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.

3. Dedicated rooms within buildings, containing only electrical equipment, generators, transformers, or similar equipment, and used for no other purpose, which are 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.

**Section 903.4.1 Monitoring is amended by adding the following new subsection:**

**903.4.1.2. Fire sprinkler monitoring systems.** A minimum of 1 listed all-weather horn strobe will be required at the front of a building in the common area, the notification device shall be audible in all occupied suites.

**Section 907.2.7 Group M is amended by adding the following new subsection:**

**907.2.7.1.2. Fire sprinkler monitoring systems.** A minimum of 1 listed all-weather horn strobe will be required at the front of a building in the common area, the notification device shall be audible in all occupied suites.

**Section 912.2 Location is amended as follows:**

**912.2 Location.** With respect to hydrants, driveways, buildings and landscaping, fire department connections shall be so located that fire apparatus and hoses connected to supply the system will not obstruct access to the buildings for other fire apparatus. The location of

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fire department connections shall be not more than 100 feet from the closest in service fire hydrant, or as approved by the fire code official.

**Section 1017.2.2 Groups F-1 and S-1 increase** is amended by adding the following new sub-section:

**1017.2.2.1 Group F-1 and S-1 with a storage area greater than 500,000 square feet (46,451 m<sup>2</sup>).** When storage areas in Group F-1 and S-1 occupancies are greater than 500,000 square feet a technical report prepared by an Arizona professional shall be submitted for review and approval by the fire code official. Additional fire protection or life safety systems, or both, may be required by the Fire Marshal.

Chapter 12 Energy Systems

Add section **1201.4 Recognized standard.** The City of Buckeye will enforce the latest edition of UL 9540 and NFPA 855, Standard for the Installation of Stationary Energy Storage Systems. Other standards may be required as needed by the Fire Code Official

Add section 1207.1.5.2 **Annunciator panel.** The approved annunciator panel shall visibly indicate any hazardous temperature or other conditions. The location of the annunciator panel shall be approved by the fire code official.

*Add section 1207.6.2.4 Spill control barrier.* Each rack of batteries, or group of racks shall be provided with a liquid-tight 4-inch (102 mm) spill control barrier that extends at least 1-inch (25 mm) beyond the battery rack in all directions.

*Add section 1207.11.8.1 Toxic and highly toxic gas.* Energy storage systems that have the potential to release toxic or highly toxic gas during charging, discharging and normal use conditions shall not be installed within Group R-3 or R-4 occupancies.

**Section 2301.4 Indoor motor fuel-dispensing facilities** is amended to read as follows:

**2301.4 Indoor service stations.** Motor vehicle fuel-dispensing stations located inside buildings are prohibited within the entire City of Buckeye.

**Exception:**

Single family residences for alternative fuels when installed with applicable standards.

**Sub-section "2301.4.1 Protection of floor openings in indoor motor fuel dispensing facilities** is deleted.

**Section 3307.1 Required access.** is amended to read as follows:

**Add to the end of the paragraph.** During construction, approved signs shall be located to direct emergency responders into and through the construction site as required by the Fire Code Official

**Section 5001.5.1 Hazardous materials management plan** is amended to read as follows:

**5001.5.1 Hazardous materials management plan.** When required by the fire code official, each application for a permit shall include a Hazardous Materials Management Plan (HMMP). The HMMP shall include a facility site plan and include the information set forth below. HMMP

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shall be submitted annually or more often if the hazardous material amounts change by greater than 10% in any single category or overall. HMMP shall be submitted electronically in a format acceptable to the Buckeye Fire Department. The submittal shall be required to determine Fire Code Permitting criteria for storage, use, and/or handling of hazardous materials within the City of Buckeye. Any electronic submittal is acceptable as long as the data will import or interface with the software program currently being used by the Fire Department. Electronic reporting shall be required for all new and existing facilities upon permit renewal.

1. Storage and use areas.
2. Maximum amount of each material stored or used in each area.
3. Range of container sizes.
4. Locations of emergency isolation and mitigation valves and devices.
5. Product conveying piping containing liquids or gases, other than utility-owned fuel gas lines and low pressure fuel gas lines.
6. On and off positions of valves for valves that are of the self-indicating type.
7. Storage plan showing the intended storage arrangement, including the location and dimensions of aisles.
8. The location and type of emergency equipment. The plans shall be legible and drawn approximately to scale. Separate distribution systems are allowed to be shown on separate pages.

**Section 5001.5.2 Hazardous materials inventory statement** is amended to read as follows:

**5001.5.2 Hazardous materials inventory statement (HMIS).** Where required by the fire code official, an application for a permit shall include an HMIS, such as SARA (Superfund Amendments and Reauthorization Act of 1986) Title III, Tier II Report, or other approved statement. The HMIS shall include the information set forth below. A HMIS shall be submitted annually or more often if the hazardous material amounts change by greater than 10% in any single category or overall. HMIS shall be submitted electronically in a format acceptable to the City of Buckeye Fire Department. The submittal shall be required to determine Fire Code Permitting criteria for storage, use, and/or handling of hazardous materials within the City of Buckeye. Any electronic submittal is acceptable as long as the data will import or interface with the software program currently being used by the Fire Department. Electronic reporting shall be required for all new and existing facilities upon permit renewal.

1. Manufacturer's name.
2. Chemical name, trade names, hazardous ingredients.
3. Hazard classification.
4. MSDS or equivalent.
5. United Nations (UN), North America (NA) or the Chemical Abstract Service identification number.

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6. Maximum quantity stored or used on site at one time.
  7. Storage conditions related to the storage type, temperature and pressure.

**Section 5505 Use, Dispensing and Handling** is amended by adding the following new subsection:

**5505.4.4 Trans-filling of liquid oxygen.** In addition to the requirements of this section, when transfilling of liquefied oxygen is performed inside buildings for respiration purposes, the maximum aggregate quantity of all containers shall be limited to 72 pounds (32.7 kg). Trans-filling shall be on bare concrete floors with no combustible seams. The room shall be separated from the means of egress by one-hour fire barriers. The room shall have ventilation to handle off gassing of the containers. Refer to pamphlet CGA P-2.6, 1995 edition, and NFPA 99 2005 Edition. Trans-filling of Liquid Oxygen to be used for Respiration, for the requirements within health care, residential care, and assisted living facilities.

**Section 5704.2.13.1.4 Tanks abandoned in place** is amended to read as follows:

**5704.2.13.1.4 Tanks abandoned in place.** The abandonment of tanks in place shall be prohibited within the entire City of Buckeye.

Appendix P

Regional Wireless Cooperative policies and procedures latest revision.