

Timber Mesa Fire and Medical District

**Amendments to the International Fire Code
2024 Edition.**

**Designated as Public Record In:
Timber Mesa Fire and Medical District's Fire Marshal's
Office & TMFMD Website
Resolution 2026-02
Adopted: May 18, 2026
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Timber Mesa Fire and Medical District 2024 International Fire Code Amendments

For the purposes of this amendment only the items listed below are effected changes to the 2024 IFC. All other verbiage in the code shall remain as written as in the original publication of the 4th edition of the 2024 International Fire Code with all Fire Code Errata as published.

The International Fire Code (IFC) 2024 Edition is hereby replacing the 2018 version of the IFC adopted by the Timber Mesa Fire District Board for the purpose of establishing minimum requirements consistent with nationally recognized good practice for providing a reasonable level of life safety protection from the hazards of fire, explosion or dangerous conditions in new and existing buildings, structures, and premises.

The International Fire Code as adopted and amended herein shall be enforced by the Fire Marshal of the District, and which shall be operated under the supervision of the Fire Chief.

The 2024 edition of the International Fire Code (2024 IFC) and the Timber Mesa Fire and Medical District Amendments shall be known as the “Timber Mesa Fire and Medical District Fire Code.”

The 2024 International Fire Code is hereby amended in the following respects:

CHAPTER 1 ADMINISTRATION

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

Section [A] 101.1. Is amended to read:

These regulations shall be known as the *Fire Code* of the Timber Mesa Fire and Medical District, hereinafter referred to as “this code,” or the Timber Mesa Fire and Medical Districts Fire Code.

Section 102.2.1. Is amended to read: All appendices are to be adopted, including amendments to any appendices.

SECTION 102 APPLICABILITY

Amend Section 102.7.1 as follows:

[A] 102.7.1 Conflicts. Where conflicts occur between provisions of this code and referenced codes and standards, the higher standard for the promotion of the safety and welfare of the emergency responders and public, code will apply.

SECTION 105.5.29

Amend section 105.5.29 Lithium batteries as follows:

- a. An operational permit is required for the storage, use, or handling of lithium-ion batteries or lithium metal batteries exceeding 5 cubic feet (0.14 m³) of aggregate packaged battery volume.
- b. The maximum allowable quantity of lithium-ion batteries or lithium metal batteries stored, used, or handled within any single occupancy, building, site, or address shall not exceed 15 cubic feet (0.42 m³) of packaged batteries unless otherwise approved by the Fire Code Official.
- c. Where the available fire flow from the nearest fire hydrant is less than 1,000 gallons per minute (3785 L/min) at 20 psi residual pressure, the storage, use, or handling of lithium-ion or lithium metal batteries in quantities exceeding 5 cubic feet (0.14 m³) shall be prohibited.
- d. Quantities shall include all lithium-ion and lithium metal batteries located within the occupancy, including those in storage, display, backstock, or contained within products, Batteries listed in the exceptions to Section 320.1 shall not be included in these quantity calculations.

e. The Fire Code Official is authorized to require additional fire protection measures, quantity reductions, or alternative storage arrangements where necessary to mitigate fire hazards associated with lithium battery storage.

Section 108 FEES

Amend Section 108.2 Schedule of permit fees as follows:

A fee for each permit shall be paid, as required, in accordance with the schedule as established by the Timber Mesa Fire and Medical District fee schedule.

Add Section 108.7

108.7 Exemption. When a federal agency, municipality or municipal corporation declares itself exempt from the requirements of this code, including payment of applicable fees, the fire code official may elect not to provide inspections, plan reviews or similar services to the exempt buildings.

Section 112 MEANS OF APPEALS

Amend section 112.1 as follows:

[A] 112.1 General: Whenever an applicant disputes the application or interpretation of this code by staff, a written appeal may be filed with the fire chief within 14 calendar days.

1. The appeal will be heard by the fire chief or an authorized representative within 10 working days of the receipt of the appeal.
2. Adequate information shall be provided by the applicant on the Petition of Appeal to fully describe the condition(s) in question.
3. The fire chief shall consult with the *fire code official*, and/or an authorized representative as deemed appropriate, to provide additional information regarding the appeal.
4. The applicant may, but is not required to, meet with the fire chief or a designated representative to discuss the appeal.

5. If the appeal is denied, the applicant shall comply with the requirement(s) of the fire code or file an appeal with the Fire District Board within 30 calendar days from the date the appeal was denied.

Delete section 112.2 in its entirety

Delete section 112.3 in its entirety

Amend section 112.4 as follows:

[A] 112.4 Administration: The *fire code official* shall take action without delay in accordance with the decision of the fire chief.

SECTION 113 VIOLATIONS

Amend Section 113.4

Violation penalties as follows: Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of a [CIVIL OFFENSE], punishable by a fine of not more than [\$2,500] dollars. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Add Section 113.5

[A] 110.3.5 Penalty to cover emergency response operations. If it is discovered that a previously identified code violation has gone uncorrected for a period of time exceeding 90 days from the recorded date, and said violation causes an event or contributes to the severity of an event which requires an emergency response, fees may be assessed to recoup the fire district's operational costs. Fees shall be in accordance with the adopted Timber Mesa Fire and Medical District Permit and Fee Schedule.

CHAPTER 2 DEFINITIONS

Occupancy Classification is amended as follows:

[BG] 203.7.1 Institutional Group I-1. The first sentence is amended to read:
Institutional Group I-1 occupancies shall include buildings, structures or portions thereof for more than 10 persons, excluding staff, who reside on a 24-hour basis in a supervised environment and receive custodial care.

[BG] 203.7.1.3 Six to 16 persons receiving custodial care. Is amended to read:
[BG] Six to 10 persons receiving custodial care. A facility housing not fewer than six and not more than 10 persons receiving custodial care shall be classified as Group R-4.

203.9.3 Residential Group R-3. Congregate living facilities is amended to read:
Congregate living facilities (transient or non transient) with 10 or fewer occupants.

203.9.4 Residential Group R-4. The first sentence is amended to read: Residential Group R-4 occupancies 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 environment and receive custodial care.

Fire Adapted Community. Is added to read:

A Fire Adapted Community is any platted and approved subdivision or development that meets the minimum requirements of Appendix O of this code.

Driveway. Is added to read: Driveway. A vehicular ingress and egress route that connects a building or structure to a fire department access road.

Permit and fee schedule. Is added to read: Timber Mesa Fire and Medical District FIRE CODE PERMIT AND FEE SCHEDULE. A document adopted through resolution by the Timber Mesa Fire and Medical Fire Board that details the scope, application and values of all applicable fees charged by the Timber Mesa Fire and Medical District.

CHAPTER 3

General Requirements

Add section 304.1.1.1 as follows:

304.1.1.1 Valet trash services:

Valet trash services utilized in any occupancy with individual units or suites that open into a corridor or breezeway shall, at a minimum, comply with the requirements for R-2 occupancies as outlined in Appendix O.

Amend Section 307.2.1 as follows:

307.2.1 Authorization.

Open debris burning shall be prohibited within the Timber Mesa Fire and Medical District boundaries without first obtaining a permit from the Timber Mesa Fire and Medical Districts Fire Prevention Division.

Amend Section 320.2 to read as follows:

Permits shall be required for an accumulation of 5-15 cubic feet of lithium-ion and lithium metal batteries, other than batteries listed in the exceptions to Section 320.1, as set forth in 105.5.29.

Chapter 9

FIRE PROTECTION SYSTEMS

SECTION 901

GENERAL

Amend Section 901.2 by adding a second paragraph as follows:

Automatic fire protection system hydraulic calculations shall be based on a curve that is 90 percent of the available water supply curve as determined by current flow test information. The fire code official shall witness all flow tests.

Section 901.4.2.1 Discontinuance of use is added to read:

All non-required fire protection systems shall be approved for discontinuance upon written approval of both the fire code official and the building official after inspection of the premises and system.

Amend Section 901.4.6 as follows:

Section 901.6.3 Records. Is amended to read:

Records. Records of all system inspections, tests and maintenance required by the referenced standards shall be maintained on the premises for a minimum of three years. All individuals or businesses performing inspections, tests or maintenance required by the referenced standards shall forward itemized reports of such work to the fire code official within 30 days of activity performed.

SECTION 903 AUTOMATIC SPRINKLER SYSTEMS

Section 903.2.8.4 Group R-3 or R-4 congregate residences. Is ADDED to read:

Existing Group R-3 or R-4 congregate residences shall be retrofitted with an *automatic fire sprinkler system* in accordance with Section 903.3.1.2 or 903.3.1.3 within 24 months of discovery or annexation into the Fire District boundaries.

Section 903.2.8.5 One and two-family dwellings. Is ADDED to read:

An approved automatic fire sprinkler system is recommended to be installed in all one and two-family dwellings that do not meet established fire flow per appendix B of the 2024 IFC.

Section 903.2.13 Multiple Occupancy Structures. Is ADDED to read:

All new buildings or structures, exceeding 3,000 square feet designated as a multiple tenant occupancy structure(s) (a strip mall, for example) shall have an *automatic fire sprinkler system* installed throughout. Existing buildings or structures, where a change of occupancy occurs, separation requirements shall comply with Table 508.4 of the *International Building Code 2024* and Section 1103.5.5 of this code.

Section 903.3.2 Quick-response and residential Sprinklers Is amended to read:

Where *automatic sprinkler systems* are required by this code, quick-response or residential automatic sprinklers shall be installed in all of the following areas in accordance with [Section 903.3.1](#) and their listings:

Throughout all spaces within a *smoke compartment* containing care recipient *sleeping units* in Group I-2 in accordance with the [International Building Code](#) .

Throughout all spaces within a *smoke compartment* containing gas fireplace appliances and decorative gas appliances in Group I-2 in accordance with the [International Building Code](#) .

Throughout all spaces within a *smoke compartment* containing treatment rooms in ambulatory care facilities.

Dwelling units and *sleeping units* in Group I-1 and R occupancies.

Light-hazard occupancies as defined in [NFPA 13](#).

EXCEPTION R occupancies recognized and defined as single family detached residential structures, and not recognized as R1,R2,R3 and R,4 occupancies and in compliance with ARS 8-907.

SECTION 907 FIRE ALARM AND DETECTION SYSTEMS

Section 907.2.3 Group E. Is AMENDED to read:

An automatic fire alarm system (to include detection and initiation devices) that initiates the occupant notification signal utilizing and emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E occupancies. Where *automatic sprinkler systems* or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system.

Exception #2 shall remain, all others to be removed entirely.

Section 907.2.6 Group I. Is AMENDED to read:

An automatic fire alarm system (to include detection and initiation devices) that activates the occupant notifications system in accordance with Section 907.5 shall be installed in all new Group I occupancies.

Section 907.2.7 Group M. Is AMENDED to read:

An automatic fire alarm system (to include detection and initiation devices) that activates the occupant notifications system in accordance with Section 907.5 shall be installed in all new Group M occupancies where the occupant load of the fire area is greater than 50 people.

Section 912

FIRE DEPARTMENT CONNECTIONS

Amend Section 912.2 as follows:

912.2 Location. Fire department connections shall be located a maximum of one hundred (100) feet from the nearest fire hydrant. 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 fire code official shall approve the location of fire department connections.

Add Section 916.10.1:

916.10.1 Fire alarm system connections for insulated liquid carbon dioxide systems used in beverage dispensing applications. Where applicable, insulated liquid carbon dioxide systems with more than 100 pounds (45.4 kg) of carbon dioxide used in beverage dispensing applications shall be connected to the building fire alarm system in accordance with the current _____ and the manufacturer's specifications. Existing systems shall be upgraded within 12 months of identification and evaluation.

CHAPTER 11

CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS

SECTION 1103

FIRE SAFETY REQUIREMENTS FOR EXISTING BUILDINGS:

Section 1103.5.6 Fire area increase is ADDED to read:

Buildings or residential occupancies, other than single family detached homes, where the additional square footage is added and the fire flow requirement(s), as per Appendix B, was not or cannot be met prior to the additional new square footage, the additional construction shall meet current code in such ways as to comply with all the fire code requirements, including fire flow requirements as set forth in Appendix B of this code.

APPENDIX B

FIRE-FLOW REQUIREMENTS FOR BUILDINGS

SECTION B105

FIRE-FLOW REQUIREMENTS FOR BUILDINGS

Section B105.1.1 – One and two-family dwellings, Group R-3 and R-4 buildings and townhouses. Is added to read: One and two-family dwellings, Group R-3 and R-4 buildings and townhouses constructed that do not meet the fire-flow requirements of as specified in Tables B105.1(1) and B105.1(2) shall be equipped with an *approved automatic fire sprinkler system*.

APPENDIX D

FIRE APPARATUS ACCESS ROADS

SECTION D103

MINIMUM SPECIFICATIONS

Section D103.5 Fire apparatus access road gates. Is AMENDED to read:

Item 1. Is amended to read: The minimum gate width shall be 20 feet (6,096mm) when serving two or more directions, or 14 feet (4,267mm) when serving a single direction

Item 5. Is amended to read:

All electric gates shall be equipped with and have installed, approved pre-emptive control opening equipment and key switch compatible with the Timber Mesa Fire and Medical District's existing system. Electric gates serving five or less single-family dwelling units may utilize an approved switch only.

Item 9. Is amended to read:

Existing electric gates shall be retrofitted with pre-emptive control opening equipment and key switch in accordance with this section upon discovery or annexation into the Timber Mesa Fire and Medical District boundaries. Compliance with this section shall be completed in a time schedule approved by the fire code official.

Section D103.6 Signs. Is amended to read:

Where required by the fire code official, the fire apparatus access roads shall be marked with permanent NO PARKING - FIRE LANE signs complying with Timber Mesa Fire and Medical District standards. Signs shall have a minimum dimension of 12 inches (305mm) wide by 18 inches (457mm) high and have red letters on white reflective background. Signs shall be posted on one or both sides of the fire apparatus access road as required by Section D103.6.1 through D103.6.2.

Section D103.6.2 Roads more than 26 feet in width. Is amended by adding a second paragraph:

Where parking lanes are provided, they shall have a minimum dimension of 8 feet (2,438mm) in width, measured from the back of a wedge or rolled curb, or from the face of a vertical curb.

**APPENDIX P
FIRE ADAPTED COMMUNITIES**

The provisions contained in this appendix are not mandatory and shall be used as a reference for new construction and development seeking to be considered Fire Adapted Communities.

**SECTION 101
GENERAL**

P101.1 Scope

New construction of subdivisions or other planned development requirements at a minimum for wildfire resiliency. All other requirements for new subdivisions and planned developments shall adhere to the code as adopted.

SECTION 102 REQUIRED ACCESS

P102.1 Access

Facilities, buildings, or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an *approved* fire apparatus access road as defined by this code or as defined in NFPA 1142.

P102.2 Signage

All street signage shall be constructed of *approved* fire resistive materials and lettering shall be no less than 6" in height for capital letters and 4.5" in height for lower case letters. Signs shall be constructed so that they have a white message and border on a green background. All messages, borders and legends shall be retroreflective, with all backgrounds being retroreflected or illuminated. Structural supports shall be of approved noncombustible materials.

P102.3 Premises Identification Address identification shall meet the requirements of Section 505.1 of this code and shall be posted visible from a *public way* from either direction of approach.

SECTION P103 DEFENSIBLE SPACE

P103.1 Objective.

Provisions of this section are intended to modify the fuel load in areas adjacent to structures to create a defensible space.

P103.2 Fuel modification.

Buildings or structures constructed shall comply with the fuel modification distances contained in Table P105.2. For all other purposes the fuel modification distance shall not be less than 30 feet (9144 mm) or to the lot line, whichever is less. Distances specified in Table P103.2 shall be measured on a horizontal plane

from the perimeter or projection of the building or structure as shown in Figure P103.2. Distances specified in Table P103.2 are allowed to be increased by the code official because of a site-specific analysis based on local conditions and the fire protection plan.

WILDLAND-URBAN INTERFACE AREA	Fuel Modification Distance (Feet) _{a,b}
Moderate Hazard	30
High Hazard	50
Extreme Hazard	100

For SI: 1 foot = 304.8 mm.

- a. Distances are allowed to be increased due to site-specific analysis based on local conditions and the fire protection plan.
b. Where distances cannot be met, additional requirements may be necessary.

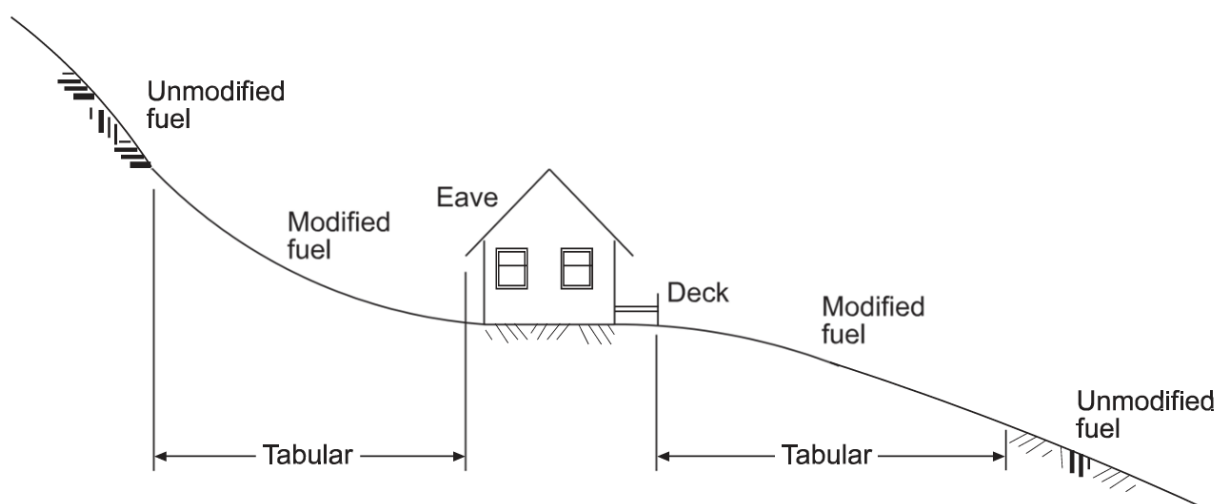


Figure P103.2
Measurements of Fuel Modification Distance

P103.2.1 Responsible party.

Persons owning, leasing, controlling, operating, or maintaining buildings or structures requiring defensible spaces are responsible for modifying or removing non-fire-resistive vegetation on the property owned, leased, or controlled by said person.

P103.2.2 Trees.

Trees are allowed within the defensible space, provided the horizontal distance between crowns of adjacent trees and crowns of trees and structures, overhead electrical facilities or unmodified fuel is not less than 10 feet (3048 mm).

P103.2.3 Groundcover.

Deadwood and litter shall be regularly removed from trees. Where ornamental vegetative fuels or cultivated ground cover, such as green grass, ivy, succulents, or similar plants are used as ground cover, they are allowed to be within the designated defensible space, provided they do not form a means of transmitting fire from the native growth to any structure.

SECTION P104 MAINTENANCE OF DEFENSIBLE SPACE

P104.1 General.

Defensible spaces required by Section P103 shall be maintained in accordance with Section P104.

P104.2 Modified area.

Non-fire-resistive vegetation or growth shall be kept clear of buildings or structures, in accordance with Section P103, in such a manner as to provide a clear area for fire suppression operations.

P104.3 Responsibility.

Persons owning, leasing, controlling, operating, or maintaining buildings or structures are responsible for maintenance of defensible spaces. Maintenance of the defensible space shall include modifying or removing non-fire-resistive vegetation and keeping leaves, needles and other dead vegetative material regularly removed from roofs of buildings and structures.

P104.4 Trees.

Tree crowns extending to within 10 feet (3048 mm) of any structure shall be pruned to maintain a minimum horizontal clearance of 10 feet (3048 mm). Tree crowns within the defensible space shall be pruned to remove limbs located less than 6 feet (1829 mm) above the ground surface adjacent to the trees.

P104.4.1 Chimney clearance. Portions of tree crowns that extend to within 10 feet (3048 mm) of the outlet of a chimney shall be pruned to maintain a minimum horizontal clearance of 10 feet (3048 mm).

P104.4.2 Deadwood removed.

Deadwood and litter shall be regularly removed from trees.

**SECTION P105
WATER SUPPLIES**

P105.1 General

Water supplies will conform with the minimum requirements of Appendix B of this code or as prescribed in NFPA 1142 (most current edition) where systems allow for single family detached residences not in a new platted subdivision built after December, 1 2025.