

2012 TUCSON FIRE CODE MODIFICATIONS

CHAPTER 1 SCOPE AND ADMINISTRATION

SECTION 102 – APPLICABILITY

Section 102.10 Conflicting provisions. Is hereby **AMENDED** by **ADDING** the following sentence:

Where this code conflicts with any Tucson Code provision or other provisions of local law, the more restrictive shall apply.

SECTION 104 - GENERAL AUTHORITY AND RESPONSIBILITIES

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

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

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

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

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

Section 104.11.4 Restricting public access. It shall be the duty of the Chief of Police of the City, at the time of any fire, to place ropes or guards across all streets, lanes or alleys on which shall be situated any building on fire, and at such other points as are deemed expedient and necessary. Any person entering within the line indicated by such ropes or guards and

refusing to go outside such lines when directed to do so by any police officer or officer of the fire department shall be deemed guilty of a misdemeanor as provided in Tucson Code Section 11-111.

SECTION 105 - PERMITS

Section 105.1.1 Permits required. Is hereby **AMENDED** by **ADDING** the following paragraph:

It shall be unlawful for any person, firm or corporation to use a building or premises or engage in any activities for which a permit is determined to be required by the fire code official under this code without first having obtained such permit.

Section 105.6.16 Flammable and combustible liquids (#3). Is hereby **AMENDED** by **DELETING** (in its entirety) and **REPLACING** with:

To store, handle or use Class II or Class IIIA liquids in excess of 25 gallons (95 L) or Class IIIB liquids in excess of 60 gallons (227 L) in a building or in excess of 60 gallons (227 L) outside a building, except for fuel oil used in connection with oil-burning equipment.

Section 105.6.43 Temporary membrane structures and tents Is hereby **Deleted** (in its entirety) and **REPLACED** with:

Section 105.6.43 Temporary membrane structures and tents. An operational permit is required to operate an air-supported temporary membrane structure or a tent having an area of 400 square feet (37m²).

Exceptions:

1. Tents used exclusively for recreational camping purposes.
2. Tents open on all sides, which comply with all of the following:
 - 2.1 Individual tents having a maximum size less than 900 square feet (83.6 m²).
 - 2.2 The aggregate area of multiple tents placed side by side without a fire break clearance of not less than 12 feet (3658mm) shall not exceed 900 square feet (83.6 m²) total.
 - 2.3 A minimum clearance of 12 feet (3658mm) to structures and other tents shall be provided.

Section 105.7.16 Temporary membrane structures and tents Is hereby **Deleted** (in its entirety) and **REPLACED** with:

Section 105.7.17 Temporary membrane structures and tents. A construction permit is required to operate an air-supported temporary membrane structure or a tent having an area of 400 square feet (37m²).

Exceptions:

1. Tents used exclusively for recreational camping purposes.
2. Tents open on all sides, which comply with all of the following:
 - 2.1 Individual tents having a maximum size less than 900 square feet (83.6 m²).

2.2 The aggregate area of multiple tents placed side by side without a fire break clearance of not less than 12 feet (3658mm) shall not exceed 900 square feet (83.6 m²) total.

2.3 A minimum clearance of 12 feet (3658mm) to structures and other tents shall be provided

SECTION 108 - BOARD OF APPEALS

Section 108 BOARD OF APPEALS. Is hereby **AMENDED** by **ADDING** the following subsection:

Section 108.4 Administrative appeal. Whenever a violation of this code has been found and the applicant wishes to appeal the decision of the staff because of code interpretation, or unreasonable hardship, an appeal may be filed to the fire code official or an authorized representative, within 14 calendar days of the determination of a violation as follows:

1. The appeal will be heard by the fire code official or an authorized representative within 10 working days of the receipt of the appeal.
2. The fire code official, or an authorized representative, may use a Hearing Committee consisting of such staff as is deemed appropriate to provide advice on a particular appeal.
3. Adequate information shall be provided by the applicant on the Petition of Appeal to fully describe the condition(s) in question.
4. The applicant may, but is not required to, meet with the fire code official, or a designated representative, to discuss the appeal.
5. If the appeal is denied, the applicant shall comply with the requirement(s) of the fire code or file an appeal to the Board of Appeals as provided in Section 108.1 of this code within 30 days of the date the appeal is denied.

SECTION 109 - VIOLATIONS

Section 109.4 Violation penalties. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

Section 109.4 Violation penalties. Persons who violate a provision of this code or 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 direction of the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of a civil infraction. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

SECTION 111 - STOP WORK ORDER

Section 111.4 Failure to comply. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

Section 111.4 Failure to comply. Any person, who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be guilty of a civil infraction.

CHAPTER 2 DEFINITIONS

SECTION 202 - GENERAL DEFINITIONS

The following **Definitions** are hereby **ADDED or AMENDED** to read as follows:

OCCUPANCY CLASSIFICATION

Group E, day care facilities. Is hereby **AMENDED** by **ADDING** the following:

A single story Child Care Group Home with up to 10 children defined by Arizona Department of Health Services shall be classified as a Residential Group R-3.

Institutional Group I-1. Is hereby **AMENDED** by **REPLACING**:

“...more than 16 persons,” with “...more than 10 persons,” in the first sentence.

And is hereby **AMENDED** by **REPLACING sub-section title**:

“Six to sixteen persons receiving care” with “Six to ten persons receiving care”:

And this sub-section is hereby **AMENDED** by **REPLACING**:

“...not more than 16 persons”, with “... not more than 10 persons”

Residential Group R-3. Is hereby **AMENDED** by **REPLACING**:

“Boarding houses (non-transient) with 16 or fewer occupants” with “Boarding houses (non-transient) with 10 or fewer occupants”

And: “Congregate living facilities (non-transient) with 16 or fewer occupants” with “Congregate living facilities (non-transient) with 10 or fewer occupants”

Residential Group R-4. Is hereby **AMENDED** by **REPLACING**:

...more than 16 persons”, with “...more than 10 persons”.

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

UNLAWFUL, unless otherwise specifically provided, means civil infraction-

CHAPTER 3 GENERAL REQUIREMENTS

SECTION 307 OPEN BURNING, RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACES

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

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

SECTION 313 - FUELED EQUIPMENT

Section 313.1 General. Is hereby **AMENDED** by **ADDING** the following exception:

4. Use of LP-gas-powered equipment in accordance with NFPA 58.

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

Section 311 VACANT PREMISES.

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

Section 316.4 Obstructions on Roof, Exception #2. Is hereby **AMENDED** by **DELETING** the words: “... or other suspended obstructions ...”.

CHAPTER 4 EMERGENCY PLANNING AND PREPAREDNESS

SECTION 403 – PUBLIC ASSEMBLAGES AND EVENTS

Section 403.1 Fire watch personnel. Is hereby **AMENDED** by **ADDING** the following subsection:

Section 403.1.2 Standby personnel. Whenever, in the opinion of the fire code official, the safety of the public is essential in a place where people congregate, due to the number of persons present or the nature of the activity, the owner, agent or lessee shall employ one or more qualified persons to perform the duties of Standby Personnel. Standby Personnel shall be subject to the fire code official’s orders at all times when so employed, and shall remain on duty during the times such place is open to the public, or at times specified by the fire code official.

The duties of the personnel assigned to work under the provisions of this section shall be as prescribed by the fire code official. Standby personnel shall not be required or permitted, while on duty, to perform any duties other than those specified by the fire code official.

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

CHAPTER 5 FIRE SERVICE FEATURES

SECTION 503 - FIRE APPARATUS ACCESS ROADS

Section 503.2.1 Dimensions. Is hereby **AMENDED** by **DELETING** the words: "...13 feet 6 inches (4115 mm)" and **ADDING** the words: "...15 feet (4572 mm)".

Section 503.2.1 Dimensions. Is hereby **AMENDED** by **ADDING** an exception:

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

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

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

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

Every fire apparatus access roadway required under the authority of this section shall be posted with signs installed at points not more than one-hundred (100) feet apart along the length of the required fire apparatus access roadway. The bottom of every such sign shall not be less than seven (7) feet or more than ten (10) feet from the ground surface level. Signs shall be posted to face the direction of travel. Construction, installation, and maintenance of the signs shall be done at no expense to the City. Materials and locations of each sign shall be indicated in the plans submitted to the fire department.

Fire access signs shall conform to the Manual on Uniform Traffic Control Devices. The required sign shall be the international NO PARKING sign with a standard sign size (width and height) of 12 x 18 inches (300 x 450 mm), on a white reflective background. The international NO PARKING symbol shall be a black P, six inches high. Underneath the NO PARKING symbol, in one-and-five-eighths inch high and one-quarter inch stroke, in red lettering it shall read:

FIRE ACCESS TOW-AWAY



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

Section 503.6 Security gates. Is hereby **AMENDED** by **DELETING** the first sentence, and **ADDING**:

The installation of security gates across a fire apparatus access road shall be approved by the fire code official and maintained in accordance with Section 503.2.1.

Section 503.6 Security gates. Is hereby **AMENDED** by **ADDING** the following subsections:

Section 503.6.1 Electric operating gates. Gates that use electric or other means of power to automatically open or unlock shall have a manual override system. Manual override controls shall be located on the entrance side of gate, or when power has failed, the gates(s) shall open and stay open until power is restored for normal operations.

Section 503.7. Maintenance. “The person(s) in possession of the premises on and into which a fire apparatus access roadway is required shall be solely responsible for the maintenance of such roadways and all required signs. No owner, manager or other person(s) in charge of premises served by a required fire apparatus access roadway shall abandon or close the fire apparatus roadway or any part thereof without permission of the fire code official.” The person(s) in possession of the premises shall be responsible for ensuring that fire apparatus roadways are clear at all times.

SECTION 505 - PREMISES IDENTIFICATION

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

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

Commercial

Building < 50 feet from the curb require 12" numbers displayed on the building.
Buildings > 50 feet from the curb require 15" numbers displayed on the building.
Tenant space numbers shall be 3"
Address range may be displayed in 12" numbers on the building,

Apartments

Entrance numbers shall be 12"
Building numbers shall be 15"
Apartment numbers ranges displayed below building numbers shall be 8";
Apartment numbers ranges displayed on signage near the building shall be 2";
Apartment numbers shall be 3" on outside entrances and 1" for interior (hallway) entrances;
Number ranges are required on buildings or signage.

Residential

< 50 feet from curb requires 3" numbers displayed on the building.
>50 feet from the curb requires 3" numbers displayed a minimum of 36" above ground at the primary access point.

RV and Mobile Home Parks

Entrance numbers shall be minimum 12"; Building numbers 6"; Space numbers 3"

Miscellaneous Information

The complete address shall be displayed on all corner buildings.
Addresses shall be displayed and visible from both directions of approaching vehicles.
Numbers and letters shall be made of durable material. (Paint is not acceptable)
Numbers and letters shall be of colors contrasting with the background

Numbers and letters shall have a min. proportion ratio of 6:1 (height to width).
Numbers shall not be spelled.
Address numbers shall be maintained.

SECTION 507 - FIRE PROTECTION WATER SUPPLIES

Section 507.1 Required water supply. Is hereby **AMENDED** by **ADDING** the following paragraph:

Where property is subdivided with or without the creation of public or private streets for the expressed purpose of providing said subdivided parcels for sale or otherwise permitting separate and/or individual development to occur, an approved water supply capable of supplying the projected fire flow for fire protection shall be provided and extended to serve directly any and all subdivided properties. The projected fire flow will be based on the greatest potential demand posed by any type of occupancy allowed by zoning laws on the projected property.

Section 507.2 Type of water supply. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

SECTION 507.2 Type of water supply. A water supply shall consist of reservoirs, pressure tanks, elevated tanks, water mains or other fixed systems capable of providing the required fire flow. All fire hydrants shall be Public Hydrants located in a public right-of-way or water purveyor easement and maintained by the water purveyor. Private Fire Hydrants are not allowed in the City of Tucson unless approved by the Fire Code Official.

Section 507.3 Fire flow. Is hereby **AMENDED** by **DELETING** the words “shall be determined by an approved method” and **ADDING**, “...shall be in accordance with Appendix B”

CHAPTER 6 BUILDING SERVICES AND SYSTEMS

SECTION 601 GENERAL

Section 601 General. Is hereby **AMENDED** by **ADDING**:

Section 601.3 Clothes dryers. Clothes dryers shall be frequently cleaned to maintain the lint trap and mechanical and heating components free from excessive accumulations of lint.

SECTION 609 – COMMERCIAL KITCHEN HOODS

Section 609.3.3.3 Records. Is hereby **AMENDED** by **REMOVING** the words: “upon request”.

CHAPTER 8 INTERIOR FINISH, DECORATIVE MATERIALS AND FURNISHINGS

SECTION 806 – DECORATIVE VEGETATION IN NEW AND EXISTING BUILDINGS.

Section 806.1.1 Restricted occupancies. Is hereby **AMENDED** by **ADDING**: “B,” after “... prohibited in Group A,”.

Section 806.1.1 Restricted occupancies. Exception #1: Is hereby **AMENDED** by **ADDING:** “B,” after “...prohibited in Groups A,”.

CHAPTER 9 FIRE PROTECTION SYSTEMS

SECTION 901 - GENERAL

Section 901.4 Installation. Is hereby **AMENDED** by **DELETING** the word “Required” in the second sentence.

Section 901.6.2 Records. Is hereby **AMENDED** by **REMOVING** the words “upon request”

SECTION 903 – AUTOMATIC SPRINKLER SYSTEMS

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

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

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

Section 903.2.4 Group F-1. Is hereby **AMENDED** by **REPLACING** the word "three" with the word "two".

Section 903.2.7 Group M. Is hereby **AMENDED** by **REPLACING** the word "three" with the word "two" in number 2 of this subsection.

Section 903.2.8.1 Group R-3 or R-4 congregate residences. Is hereby **AMENDED** by **REPLACING** the number “16” with the number “10”.

Section 903.2.9 Group S-1. Is hereby **AMENDED** by **REPLACING** the word "three" with the word "two" in number 2 of this subsection.

Section 903.2.11.1 Stories without openings. Is hereby **AMENDED** by **REPLACING** the first paragraph with the following:

An automatic sprinkler system shall be installed throughout every story of all buildings where the floor area exceeds 1500 square feet, and all basements regardless of size, where there is not provided at least one of the following types of exterior openings:

Section 903.2.11.3 Buildings more than 55 feet in height. The existing subsection is hereby **DELETED** (in its entirety) and **REPLACED** with the following:

Section 903.2.11.3 Buildings more than two stories. An automatic sprinkler system shall be installed throughout all buildings more than two stories or with a floor level having an occupant load of 30 or more that is located 55 feet or more above the lowest level of fire department vehicle access.

Exception: Open parking garages.

Section 903.3.1.1.1 Exempt locations. Is hereby **AMENDED** by **DELETING** items four-six.

SECTION 904–ALTERNATE AUTOMATIC FIRE–EXTINGUISHING SYSTEMS

Section 904.11.2 System interconnection. Is hereby **AMENDED** by **ADDING** the following to the end of the first sentence: "...and to all electrical receptacles located within the perimeter of the protected exhaust hood."

SECTION 912 – FIRE DEPARTMENT CONNECTIONS

Section 912.5 Backflow protection. Is hereby **DELETED** in its entirety.

CHAPTER 10 MEANS OF EGRESS

SECTION 1008 – DOORS, GATES AND TURNSTILES

Section 1008.1.9.8 Access-controlled egress doors, #3. Is hereby **AMENDED** by **ADDING** the following sentence:

Lettering shall be at least 1 inch (25 mm) in height and shall have a stroke of not less than 1/8 inch (3.2 mm), on a contrasting background.

Section 1008.1.9.7 Delayed egress locks, #5. Is hereby **AMENDED** by **ADDING** the following sentence:

Lettering shall be at least 1 inch (25 mm) in height and shall have a stroke of not less than 1/8 inch (3.2 mm), on a contrasting background.

SECTION 1030 - MAINTENANCE OF THE MEANS OF EGRESS

Section 1030 Maintenance of the means of egress. Is hereby **AMENDED** by **ADDING** the following subsection:

Section 1030.10 Panic hardware. Where panic and fire exit hardware is installed within the required path of egress or any area accessible to the public, there shall be no other locking device on the door.-

CHAPTER 31 TENTS AND OTHER MEMBRANE STRUCTURES

SECTION 3103 – TEMPORARY TENTS AND MEMBRANE STRUCTURES

Section 3103.2 Approval required. Is hereby **Deleted** (in its entirety) and **REPLACED** with:

Section 3103.2 Approval required. Tents and membrane structures having an area of 400 square feet (37m²) or more and tents, open on all sides, having an area of 900 square feet (84m²) or more shall not be erected, operated or maintained for any purpose without first obtaining a permit and approval from the fire code official.

Exceptions:

1. Tents used exclusively for recreational camping purposes.

2. Tents open on all sides, which comply with all of the following:
 - 2.1 Individual tents having a maximum size less than 900 square feet (83.6 m2).
 - 2.2 The aggregate area of multiple tents placed side by side without a fire break clearance of not less than 12 feet (3658mm) shall not exceed 900 square feet (83.6 m2) total.
 - 2.3 A minimum clearance of 12 feet (3658mm) to structures and other tents shall be provided.

Section 3103.8 Access, Location and Parking Is hereby **AMENDED** by **ADDING** the words, “,when required by the fire code official”, after “...with this section”.

Section 3103.12.4 Doors. Is hereby **DELETED** (in its entirety) and **REPLACED** with:

3103.12.4 Doors. Exit doors shall swing in the direction of exit travel and shall not be provided with a latch or lock unless it is panic hardware or fire exit hardware. To avoid hazardous air and pressure loss in air-supported membrane structures, such doors shall be automatic closing against operating pressures. Opening force at the door edge shall not exceed 15 pounds (66 N).

SECTION 3104 – TEMPORARY AND PERMANENT TENTS AND MEMBRANE STRUCTURES

Section 3104.18.2.3 Closure. Is hereby **AMENDED** by **DELETING** the words “locked and”

CHAPTER 56 EXPLOSIVES AND FIREWORKS

SECTION 5604 – EXPLOSIVE MATERIALS STORAGE AND HANDLING

Section 5604.5.3.3 Use. Is hereby **Amended** by **ADDING** the word “be” between the words “shall”, and “used.” (In the second sentence).

CHAPTER 57 FLAMMABLE AND COMBUSTIBLE LIQUIDS

SECTION 5704 – STORAGE

Section 5704.2.13.1.3 Out of service for one year. Is hereby **AMENDED** by **DELETING** (in its entirety) and **REPLACING** with:

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

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

SECTION 5706 - SPECIAL OPERATIONS

Section 5706.5.4.5 Commercial, industrial, governmental or manufacturing is hereby **AMENDED** by **ADDING** the following subsections:

26. Prior to removal of the fuel cap, the bond wire cable shall be securely clamped to the vehicle being fueled.
27. At no time shall the fueling hose extend across a trafficable lane without florescent traffic cones conspicuously placed so that all vehicle traffic is blocked. Vehicles shall not drive over any delivery hose.
28. Fuel expansion space shall be provided in each motor vehicle tank to prevent overflow.
29. The fuel cap of the vehicle being fueled shall be replaced prior to disconnecting the bonding cable.

APPENDIX B SECTION B105 – FIRE FLOW REQUIREMENTS FOR BUILDINGS

Section B105.2 Building other than one- and two-family dwellings, Exception. Is hereby **AMENDED** by **REMOVING** the words: “up to”.

APPENDIX C (Adopted) FIRE HYDRANT LOCATIONS AND DISTRIBUTION

APPENDIX D FIRE APPARATUS ACCESS ROADS

SECTION D103 - MINIMUM SPECIFICATIONS

Section D103.6 Roads 20 to 26 feet in width and **Section D103.6 Roads more than 26 feet in width.** Are hereby **DELETED** (in their entirety) and **REPLACED** with:

Section D103.6 Roads. Roads 20 to 28 feet in width. Fire apparatus access roads 20 to 28 feet wide shall be posted on both sides as a fire lane. **Roads greater than 28 and up to 36 feet in width.** Fire apparatus access roads greater than 28 and up to 36 feet wide shall be posted on one side of the road as a fire lane.

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

APPENDIX E (Adopted) HAZARD CATAGORIES

APPENDIX F (Adopted) HAZARD RANKING

APPENDIX G (Adopted)

CRYOGENIC FLUIDS-WEIGHT AND VOLUME EQUIVALENTS

APPENDIX H (Adopted) HAZARDOUS MATERIALS MANAGEMENT PLAN (HMMP) ...