

# Corona de Tucson Fire District

## 2018 International Fire Code Amendments

### CHAPTER 1 SCOPE AND ADMINISTRATION

#### SECTION 101 – SCOPE AND GENERAL REQUIREMENTS

**Section 101.1 Title.** Is hereby AMENED to read:

**Title.** These regulations shall be known as the *Fire Code* of Corona de Tucson Fire District, hereinafter referred to as “*this code*”.

**Section 101.2.1 Appendices.** Is amended to read:

**Appendices.** The following appendices are adopted as part of this code:

**Appendix B** – Fire Flow Requirements for Buildings

**Appendix C** – Fire Hydrant Locations and Distribution

**Appendix D** – Fire Apparatus Access Roads

**Appendix E** – Hazard Categories (as Reference Information)

**Appendix F** - Hazard Ranking

**Appendix G** – Cryogenic Fluids – Weights and Volume Equivalents (as Reference Information)

**Appendix I** – Fire Protection Systems-Non-Compliant Conditions

#### SECTION 106 FEES

**Section 106.4 Related fees.** Is hereby AMENDED to read:

**Related fees.** Related fees shall be in accordance with the Corona de Tucson Fire District Fee Schedule.

#### SECTION 109 BOARD OF APPEALS

**Section 109.4 Administrative Appeal.** Is added to read:

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 Chief and Fire Marshal or an authorized representative within 14 calendar days of the determination of a violation as follows:

1. An appeal shall be filled in writing to the Corona de Tucson Fire District, Fire Marshal Office: 17411 S Rustling Leaf Trail, Corona de Tucson, AZ. 85641.
2. The Fire Chief and Fire Marshal or an authorized representative will hear the appeal within 10 working days of the receipt of the appeal.
3. The Fire Chief and Fire Marshal, or authorized representative, may use a hearing committee consisting of such staff as is deemed appropriate to provide advice on a particular appeal.

# **Corona de Tucson Fire District**

## **2018 International Fire Code Amendments**

4. Adequate information shall be provided by the applicant on the petition of the appeal to fully describe the condition(s) in question.
5. The applicant may, but is not required, to meet with the Fire Chief and Fire Marshal, or a designated representative to discuss the appeal.
6. If the appeal is denied, the applicant shall comply with the requirement(s) of the fire code or appeal to the board of appeals as provided in section 109.1 of this code.

### **CHAPTER 2**

### **DEFINITIONS**

#### **SECTION 202 – GENERAL DEFINITIONS**

**Driveway.** Is added to read:

**Driveway.** A vehicular ingress and egress route that serves no more than two buildings or structures, not including accessory structures, or no more than five dwelling units.

**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 custodial care” with “Six to ten persons receiving custodial 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:**

“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 DELETING R-4 (in its entirety) and REPLACING it with the following:**

**R-4** Residential occupancies shall include buildings arranged for occupancy as Residential Care/Assisted Living Homes including more than five but not more than sixteen occupants who because of age, mental or physical disability, or other reasons, live in a supervised residential environment which provides care as defined by the Arizona Department of Health Services.

**Corona de Tucson Fire District**  
**2018 International Fire Code Amendments**

**CHAPTER 3**  
**GENERAL REQUIREMENTS**

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

**Section 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 AHJ is authorized to order the extinguishment of the open burning operation.

**Section 308.1.6 Open Flame Devices. Is hereby AMENDED by ADDING:**

Torches are prohibited for weed and vegetation abatement in conjunction with residential open burn permits within Corona de Tucson Fire District.

**SECTION 311 – VACANT PREMISES**

**Section 311.5 Placards. Is hereby AMENED by ADDING the words:**

“When determined by the fire code official” to the beginning of the section.

**CHAPTER 5**  
**FIRE SERVICE FEATURES**

**Section 503.1 Where required: Is hereby AMENED by ADDING:**

Fire apparatus access roads shall be provided and maintained in accordance with Section 503.1.1 through 503.1.3 and *Appendix D*.

**Section 503.2 Specifications: Is hereby AMENED by ADDING:**

Fire apparatus access roads shall be installed and arranged in accordance with Section 503.2.1 through 503.2.8 and *Appendix D*.

**Section 503.2.1 Dimensions. Is hereby AMENED by DELETING the words:**

“...13 feet 6 inches (4115 mm)” and **ADDING the words** “...15 feet (4572 mm).”

# Corona de Tucson Fire District

## 2018 International Fire Code Amendments

### SECTION 505 – PREMISES IDENTIFICATION

**Section 505.1 Address Identification. Is hereby AMENED by ADDING the following;**

#### **Commercial**

Building < 50 feet from the curb require 12” numbers displayed on the building.

Building > 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.

### SECTION 507 – FIRE PROTECTION WATER SUPPLIES

**Section 507.3 Fire flow. Is hereby AMENED to read:**

Fire flow requirements for buildings or portions of building and facilities shall be determined by an approved method and in accordance with appendix B.

**Section 507.5 Fire hydrant systems. Is hereby AMENED to read:**

Fire hydrant systems shall comply with Section 507.5.1 through 507.5.6 and in accordance with Appendix C.

**Section 507.5.7 Reflective Pavement Markers. Is ADDED to read:**

**Reflective Pavement Markers.** All fire hydrants and automatic fire sprinkler fire department connections shall be identified by the installation of *approved* blue reflective pavement markers placed in accordance with the *fire code official*.

## CHAPTER 9 FIRE PROTECTION AND LIFE SAFETY SYSTEMS

**Section 901.2 Construction Documents. Is hereby AMENED by ADDING the words:**

*Automatic fire protection system* hydraulic calculations shall be based upon 90 percent of the available water supply as determined by the local water purveyor or flow text information.

**Section 901.4.2 Nonrequired fire protection systems.** Is deleted in its entirety.

**Section 901.4.6.1 Access: Is hereby AMENED by ADDING the words:**

In new construction, automatic sprinkler system risers, fire pumps and controllers shall be located inside buildings in dedicated rooms provided with ready access. Automatic fire sprinkler risers, fire pumps and controller room doors shall be arranged to allow direct access to the exterior of the building. Where located in a fire pump room or automatic sprinkler system riser room, the door shall be permitted to be locked provided that the key is available at all times in an approved after-hours key box.

# Corona de Tucson Fire District

## 2018 International Fire Code Amendments

### SECTION 903 – AUTOMATIC SPRINKLER SYSTEMS

#### **Section 903.2.1.1 Group A-1. Is hereby AMENEDDED to read:**

An automatic sprinkler system shall be provided throughout all stories of a building containing Group A-1 occupancies. **DELETE** the remainder of the section.

#### **Section 903.2.1.2 Group A-2. Is hereby AMENEDDED to read:**

An automatic sprinkler system shall be provided throughout all stories of a building containing Group A-2 occupancies. **DELETE** the remainder of the section

#### **Section 903.2.1.3 Group A-3. Is hereby AMENEDDED to read:**

An automatic sprinkler system shall be provided throughout all stories of a building containing Group A-3 occupancies. **DELETE** the remainder of the section

#### **Section 903.2.1.4 Group A-4. Is hereby AMENEDDED to read:**

An automatic sprinkler system shall be provided throughout all stories of a building containing Group A-4 occupancies. **DELETE** the remainder of the section

#### **Section 903.2.2 Ambulatory care facilities. Is hereby AMENEDDED to read:**

An automatic sprinkler system shall be provided throughout all stories of a building containing an ambulatory care facility. **DELETE** the remainder of the section

#### **Section 903.2.3 Group E. Is hereby AMENEDDED to read:**

An automatic sprinkler system shall be provided throughout all stories of a building containing Group E occupancies. **DELETE** the remainder of the section.

#### **Section 903.2.4 Group F. Is hereby AMENEDDED to read:**

An automatic sprinkler system shall be provided throughout all stories of a building containing Group F occupancies. **DELETE** the remainder of the section.

#### **Section 903.2.4.1 Woodworking operations: Is hereby AMENEDDED to read:**

An automatic sprinkler system shall be provided throughout all Group F-1 occupancy fire areas the contain woodworking operations that generate finely divided combustible waste or use finely divided combustible materials. **DELETE** the remainder of the section.

#### **Section 903.2.5.3 Pyroxylin plastics: Is hereby AMENEDDED to read:**

An automatic sprinkler system shall be provided in buildings, or portion thereof, where cellulose nitrate film or Pyroxylin plastics are manufactured, stored or handled. **DELETE** the remainder of section.

# Corona de Tucson Fire District

## 2018 International Fire Code Amendments

### **Section 903.2.7 Group M. Is hereby AMENDED to read:**

An automatic sprinkler system shall be provided throughout all stories of a building containing Group M occupancies. **DELETE** the remainder of the section.

### **Section 903.2.8 Group R. Is hereby AMENDED to read:**

An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area.

### **And is hereby AMENDED by ADDING Exception:**

**Exception:** Group R-3 occupancies are not required to install automatic sprinkler systems when all of the following exist:

1. Group R-3 occupancies providing the required fire flow in accordance with Section B105 and Tables B105.1 (1) and B105.1 (2).
2. Group R-3 occupancies within 600 feet (182.880m) of a fire hydrant capable of supplying the required fire flow.
3. Group R-3 occupancies in compliance with Section D106 and Section D107.

### **903.2.8.4 Care Facilities. Is hereby AMENDED to read:**

An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all care facilities with a Group R fire area.

### **Section 903.2.9 Group S-1. Is hereby AMENDED to read:**

An automatic sprinkler system shall be provided throughout all buildings containing Group S-1 occupancies: **DELETE** the remainder of the section.

### **Section 903.2.9.1 Repair garages. Is hereby AMENDED to read:**

Automatic sprinkler system shall be provided throughout all buildings used as repair garages and **DELETING** the remainder of the section.

### **Section 903.2.9.2 Bulk storage of tires. Is hereby AMENDED to read:**

Buildings and structures for the storage of tires shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

### **Section 903.2.10 Group S-2 Enclosed parking garages. Is hereby AMENDED to read:**

An automatic sprinkler system shall be provided throughout buildings classified as enclosed parking garages in accordance with Section 406.6 of the International Building Code, and/or the enclosed parking garage is located beneath other groups. **DELETE remainder of section.**

# Corona de Tucson Fire District

## 2018 International Fire Code Amendments

### **Section 903.2.10.1 Commercial parking garages. Is hereby AMENDED to read:**

An automatic sprinkler system shall be provided throughout buildings used for the storage of commercial motor vehicles. **DELETE remainder of section.**

### **SECTION 905 - STANDPIPE SYSTEMS**

#### **Section 905.8 Dry standpipes. Is hereby AMENDED to read:**

When required by the *fire code official*, dry standpipes shall be installed when fire apparatus access roads do not meet the requirements as outlined in Appendix D.

### **CHAPTER 21 DRY CLEANING**

**Section 2108.2 Automatic Sprinkler System: Is hereby AMENDED by DELETING the exceptions.**

### **APPENDIX D FIRE APPARATUS ACCESS ROADS**

#### **SECTION D103 – MINIMUM SPECIFICATIONS**

##### **Section D103.1.1 Driveways. Is AMENDED by adding the following:**

Driveways exceeding 150 feet (45,720mm) in length providing access to single family *dwelling units* shall provide a minimum unobstructed width of 14 feet (4,267mm) and a minimum obstructed height of 13 feet 6 inches (4,115mm). Driveways in excess of 150 feet (45,720mm) in length shall provide turnarounds. Driveways in excess of 200 feet (60,960mm) in length and less than 20 feet (6,096mm) in width shall provide turnouts in addition to turnarounds. Driveway turnouts shall be an all-weather road surface at least 10 feet (3,048mm) wide and 30 feet (9,144mm) long. Driveway turnouts shall be located as required by the *fire code official*.

Driveway turnarounds shall have an inside turning radius of not less than 30 feet (9,144mm) and an outside turning radius of not less than 45 feet (13,716mm). Driveways that connect with a road or roads at more than one point may be considered as having a turnaround if all changes of direction meet the radius requirements for driveway turnarounds. The fire code official shall have the authority to approve a decrease in width of turning radius.

A driveway shall not serve in excess of five dwelling units.

##### **Section D103.5 Fire apparatus access road gates. Item 1. Is hereby AMENDED to read:**

1. The minimum unobstructed gate width shall be 20 feet (6,096mm) when serving two directions, or 14 feet (4,267mm) unobstructed when serving a single direction.

**Corona de Tucson Fire District**  
**2018 International Fire Code Amendments**

**Section D103.5 Fire apparatus access road gates. Item 5. Is hereby AMENDED to read:**  
5. All electric gates shall be equipped with and have installed, pre-emptive control opening equipment and key switch compatible with the fire department's existing system, approved by the AHJ.