

## ORDINANCE 2021-08

AN ORDINANCE OF THE MAYOR AND TOWN COUNCIL OF THE TOWN OF SNOWFLAKE, ARIZONA, AMENDING TITLE 9 CHAPTER 1 “BUILDING CODE; PERMITS” AND ADOPTING BY REFERENCE ADDING SECTION 4 “BUILDING CODES ADOPTED BY REFERENCE” AND SECTION 5 “AMENDMENTS”.

- Section 1. Adoption by Reference. Pursuant to A.R.S. §9-802 the Town hereby adopts a text amendment to the Snowflake Town Code, adding Sections 4 and 5 to Title 9 Chapter 1, dated September 7, 2021 that is declared a public record pursuant Resolution 2021-04.
- Section 2. Effective Date: This Ordinance is to be effective when publication and posting pursuant to A.R.S. § 9-812 and 9-813 is accomplished.
- Section 3. Copies of this text amendment. Copies of Sections 4 BUILDING CODES ADOPTED BY REFERENCE and 5 AMENDMENTS and any future amendment or revisions, shall be kept on file in the office of the Town Clerk and on the Town website for public access pursuant to A.R.S. § 9-802 which allows the Town to maintain one paper copy and one electronic copy of ordinances. Additional copies may be purchased by the public. Copies placed for public access shall be readily available for public inspection during normal working hours.
- Section 4. Penalty clauses included in the amended Snowflake Town Code sections are set forth below pursuant to A.R.S. § 9-803:

Penalty clauses included in the amended and adopted Code are set forth below and shall apply to the referenced 2018 National Electric Code pursuant to A.R.S. § 9-803:

Referenced sections of Title 9 Chapter 1 shall read as follows:

**Prosecution of violation.** If the notice of violation is not complied with in the time prescribed by such notice, the building official is authorized to request the legal counsel of the jurisdiction to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the unlawful occupancy of the building or structure in violation of the provisions of this code or of the order or direction made pursuant thereto. (REF: IBC Section 114.3, IRC Section R113.3, IPC Section 108.3, IMC Section 108.3, IFGC Section 108.3, IEBC Section 113.3, IFC Section 109.3.3)

**Violation penalties.** Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to

penalties as prescribed by law. (REF: IBC Section 114.4, IRC Section R113.4, IPC Section 108.4, IMC 108.4, IFGC Section 108.4, IEBC Section 113.4, IFC Section 109.4)

**Unlawful continuance.** Any person who shall continue any work in or about the structure 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 subject to penalties as prescribed by law. (REF: IBC Section 115.3, IRC Section R114.2, IEBC Section 114.3, IFC Section 111.4)

Section 5. Severability. All ordinances, or parts of ordinances, adopted by the Town of Snowflake in conflict with the provisions of this ordinance or any part of the Snowflake Town Code adopted herein by reference, are hereby repealed, effective as of the day this ordinance is effective.

PASSED AND ADOPTED by a majority vote of the Town Council in an open meeting by the Town Council, Town of Snowflake, Arizona, on the 7th day of September 2021, to be effective when publication and posting, pursuant to A.R.S. §9-812 and 9-813, is completed.

\_\_\_\_\_  
Lynn Johnson, Mayor

ATTEST:

\_\_\_\_\_  
Katie Melser, Town Clerk

APPROVED AS TO FORM:

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William J. Sims III, Town Attorney

## **ORDINANCE 2021-08**

### **EXHIBIT A**

#### **TITLE 9 CHAPTER 1 BUILDING CODES; PERMITS**

##### **9-1-4 BUILDING CODES ADOPTED BY REFERENCE**

Copies of the following documents are on printed or electronic file in the office of the Town Clerk of the Town of Snowflake, Arizona, being marked and designated as:

**International Building Code, 2018 edition**, including Appendix Chapters C and I  
**International Residential Code, 2018 edition**, including Appendix Chapters A, B, H, M, N, R and S

**International Plumbing Code, 2018 edition**

**International Mechanical Code, 2018 edition**

**International Fuel Gas Code, 2018 edition**, including Appendix Chapters A, B, and C

**International Energy Conservation Code, 2018 edition**

**International Existing Building Code, 2018 edition**

**International Fire Code, 2018 edition**

**National Electric Code, NFPA 70, 2018 edition** as published by the International Code Council and NFPA

##### **9-1-5 AMENDMENTS**

The following sections are hereby revised as defined below:

###### **International Building Code 2018**

Section 101.1 Insert: Town of Snowflake

Section 903.2.8 Insert: AZ Revised Statue 9-807 shall apply to residential sprinkler requirements.

Section 1612.3 Insert: Town of Snowflake

Section 1612.3 Insert: September 7, 2021

###### **International Building Code 2018**

Section R101.1 Insert: Town of Snowflake

Table R301.2(1) Insert:

Ground Snow Load 20 lb/sf

Wind Design Speed Vult 115

Seismic Design Category B Using D for concrete footing design per R403

Exposure C

Frost Depth 18"

Termite Moderate to Heavy

Winter Design Temperature 15° F

Ice Barrier Underlayment Require- No

Flood Hazards- Yes See Current FIRM

Mean Annual Temperature 53 ° F

Section R313 Delete in its entirety (See AZ § 9-807)

Chapter 11 Energy Efficiency, delete in its entirety and replace it with Chapter 11 of the 2006 Edition of the International Residential Code

Section 2603.5.1 Insert: 24”

Section E3902.15 Add “when installed” to the end of the sentence.

Section E3902.16 Delete in its entirety.

**National Electric Code, NFPA 70, 2018 Edition**

Section 210.12 Delete in its entirety.

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## ARC-FAULT PROTECTION, IS IT WORTH IT? YOU DECIDE!

Total SFR in the US 2005 (US Census 2005)	# built 4 year period (US Census 2015 643,000 x 4)	% of total arc fault equipped homes over 4 year period	# deaths related to electrical fires same period (NFPA Fire Analysis Research 2007-2011)	Total # Electrical caused fires in same 4 year period (NFPA)	# of fires possibly prevented by ARC Fault (50% on circuits possibly protected by Arc Fault requirements of new code) (NFPA)
72,100,000	2,572,000	3.57%	455	47820	23910

Odds Preventable Residential electrical fire in newer home (4 year period)	0.000331623
Cost to new home builders for 8 arc-fault breakers @ \$32 same 4 year period	\$2,633,728,000.00
\$ Property Damage by all electrical fires	\$1,480,000,000.00
Property Damage \$ preventable by arc-fault	\$490,801.66
Amount spent on arc-fault to save \$1 property damage	\$5,366.18
# Deaths preventable by arc fault during 4 year period	0.15088835