



**AMENDMENTS TO 2014 NATIONAL ELECTRIC CODE-NFPA 70
(NEC) PROPOSED BY THE CITY OF SOMERTON**

The following amendments, additions and deletions are hereby being proposed to be made to the 2014 National Electric Code-NFPA 70 (NEC).

Recommendation to City Council by the Residential and Commercial Advisory and Appeal Board on, March 14, 2019 is the adoption by reference of the 2014 National Electric Code-NFPA70 (NEC) including the amendments below.

Code references not being proposed for amendment shall be enforced as published in the referenced document.

- A. The requirements of the most current Arizona Public Service (APS) Electric Service manual shall supersede the requirements of the NEC when the APS requirements are more restrictive.
- B. Where reference is made to the Fire Code it shall mean the current adopted Fire Code.
- C. **Article 310.106 (A) Minimum Size of Conductors.** Amend to read, "The minimum size of conductors shall be as shown in Table 310.106(A). Whether solid or stranded, conductors, other than signal or control wiring, shall not be smaller than #12 Copper or #1 aluminum or Copper-Clad Aluminum for current carrying conductors."
- D. Amend Table 310.106(A) as follows:

Table 310.106(A) Minimum Size of Conductors

Conductor Voltage Rating (Volts)	Minimum Conductor Size (AWG)	
	Copper	Aluminum or Copper-Clad Aluminum
0-2000	12	1
2001-8000	8	1
8001-15000	2	1
15001-28000	1	1
28001-35000	1/0	1/0

- E. **Article 334.10 Uses Permitted.** Amend to read, "Type NM, Type NMC, and Type NMS cables shall be

Used in residential Group R-3 Occupancies and their related U Occupancy structures. Type NM, Type NMC, and Type NMS cables shall be permitted to be used in Residential Group R-1, Residential Group R-2, and Residential Group R-4 Occupancies and their related U Occupancy structures, for branch circuits only. The branch circuits shall serve only one residential unit and shall originate in a panel or junction box located on or within the unit served.”

- F. **Article 338.10 Uses Permitted. Subpart (A) Service-Entrance Conductors.** Amend to read, “Type SE and USE cable shall not be used as service entrance conductors.
- G. **Article 394.10 Uses Permitted.** Amend to read, “Use of concealed knob-and tube wiring shall be limited to the maintenance and repair of existing installations. No knob-and tube wiring shall be extended or otherwise altered to provide additional points of utilization or used to establish new circuits.”
- H. **Article 690.56 Identification of Power Sources. Subpart (C) Facilities with Rapid Shutdown.** Add to end of section, “The required plaque or directory shall be located on or adjacent to the utility service entrance section.”
- I. **Article 80 Administrative Provisions. Section 80.1 Title.** Create new Article and new Section to read, “These regulations shall be known as the *Electrical Code-Administrative Provisions* of the City of Somerton, hereinafter referred to as ‘this code’.”
- J. **Section 80.2 Referenced codes and standards.** Amend first sentence to read, “The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference, except that where duplications of reference standards are included in the building and fire codes, the reference standard numbers of the current adopted building and fire codes shall govern.”
- K. **Section 80.3 Creation of Enforcement agency.** Amend to read, “The Department of Community Development, Building Safety Division is hereby created and the official in charge thereof shall be known as the building official. Amend all sections of this code that reference the “code official” by replacing to read the ‘building official’.”
- L. **Section 80.4 Schedule of Permit Fees.** Refer to the current Electrical Permit Fee Schedule adopted by the City of Somerton.
- M. **Section 80.5 Work Commencing Before Permit Issuance.** Amend to read, “Any person who commences any work before obtaining the necessary permits shall be subject to the usual permit fee and an additional investigative fee. An investigative fee, in addition to the permit fee shall be collected whether or not a permit is then or subsequently issued. The investigative fee shall be determined by the building official, based on the circumstances, nature and severity of the infraction. The minimum investigative fee shall be \$50.00, and the maximum shall be amount up to the same as the fee set forth in Table 1-A.”
- N. **Section 80.6 Refunds.** Amend to read, “The building official shall authorize the refunding of fees as follows:

1. The full amount of any fee paid hereunder which was erroneously paid or collected.
2. Not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.
3. Not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

The building official shall not authorize the refunding of any fee paid except upon written application filed by the original permittee not later than 180 days after the date of fee payment.”

- O. **Section 80.7 Penalties.** Amend to read, “Any person who fails to comply with the provisions of this code or who fails to carry out an order made pursuant of this code or violates any condition attached to a permit, approval or certificate shall be subject to the penalty and fine described in the Somerton City Code, Chapter 1, Article 1-8.”
- P. **Section 80.8 Unlawful Continuance.** Amend to read, “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 move a violation or unsafe condition, shall be subject to the penalty and fine described in the Somerton City Code, Chapter 1, Article 1-8.”
- Q. **Section 80.9 Membership of Board.** Amend to read, “The membership of the Residential and Commercial Advisory and Appeal Board, will be as prescribed in Chapter 7, Article 7-1-3 of the Somerton Code of Ordinances.”
- R. **Section 80.10 Postponed Hearing.** Amend to read, “When five members are not present to hear an appeal, either the appellant or the appellant’s representative shall have the right to request a postponement of the hearing.