

Town of Sahuarita

AMENDMENTS TO THE 2017 NATIONAL ELECTRICAL CODE

Section 210.5 Identification for branch circuits. Revise as follows:

Delete section (C)(1) and replace with the following:

“(C)(1) Ungrounded conductors. Branch circuits shall conform to the following color code.

Volts	Phase	System	Phase A	Phase B	Phase C	Grounded Conductor
120/208	3	WYE	Black	Red	Blue	White
277/480	3	WYE	Brown	Orange	Yellow	Grey
120/240	3	DELTA	Black	Orange	Red	White

Exception No. 1: The above color coding is not required in residential occupancies.

Exception No. 2: Industrial occupancies holding an Annual Permit per IBC Section 105.1.1 may use their own coding system.

Exception No. 3: Additions to an existing electrical system, where an acceptable color coding system exists, the existing color coding system shall be continued.”

Section 210.11(C) Dwelling units. Revise as follows:

Add the following item:

“(5) Dishwasher and garbage disposer branch circuits-dwelling units. In residential occupancies, dishwasher and garbage disposer may be on the same 20 ampere branch circuit.”

Section 225.32 Location. Revise as follows:

Add the following exception:

“Exception No. 5: For freestanding canopies, carports, towers, and similar structures, an individual or multi-wire branch circuit disconnecting means shall be permitted to be located elsewhere on the premises. A bonding conductor sized per Section 250.122 shall be run with the circuit conductors. The disconnecting means shall be located within sight of the structure or shall be capable of being locked in the open position.”

Section 230.70(B) Marking. Revise as follows:

Add the following to the end of the sentence:

“The markings shall be of sufficient durability to withstand the environment involved. Identifying labels required for disconnecting means shall have engraved or raised letters and be secured by screws or rivets (plastic tape shall not be considered durable material).”

Section 340.10 Uses permitted. Revise as follows:

Add the following item:

“(8) Type UF Cable shall be permitted to be used in mortar joints of adobe construction in occupancies where the use of Nonmetallic Sheathed Cable is permitted by this code.”