



**Town of Marana**  
**Building Safety Division**  
 Proposed Amendments to the:  
 2011 National Electrical Code

**Article 210.5 Identification for branch circuits.** REVISE section by DELETING paragraph (C) and REPLACING it with the following:

**(C) 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 a Registered Plant Permit may use their own coding system. The color coding system must be presented at the time of permit application for the Registered Plant Permit. The registrant must post the color code on the inside on the panel.

**Exception No. 3:** Additions to an existing electrical system, where an alternate color-coding system exists. The alternate color coding system shall be continued.

**Article 210.11 (C) Dwelling units.** REVISE section by ADDING item (4) to read:

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

**Article 340.10 Uses permitted. REVISE** section by **ADDING** new item (8) to read:  
**(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.