

**ADDITIONS, DELETIONS, AND AMENDMENTS**

**TO THE**

**NATIONAL ELECTRICAL CODE**

**2008**

# **ADDITIONS, DELETIONS, AND AMENDMENTS**

## **TO THE**

### **NATIONAL ELECTRICAL CODE/2008**

The word “ADD” preceding a provision of this section means that such provision thereby added to and made a part of the National Electrical Code/2008 as though full set forth at the referenced section.

The word ‘DELETE’ preceding a provision of this section means that such provision deletes the referenced section from the National Electrical Code/2008.

The word “AMEND” preceding a provision of this section means that such provision amends the referenced section of the National Electrical Code/2008 to read as provided and that such provision is added to and made a part of such code as though fully set forth at the referenced number.

## **CHAPTER 1 - GENERAL**

### **AMEND: Article 100 - Definitions**

#### **A. General**

Authority Having Jurisdiction means the City of Champaign or the City Fire Chief or Fire Chief’s designee as appropriate.

## **CHAPTER 2 – WIRING AND PROTECTION**

**AMEND: 210.8 (B) Other than Dwelling Units.** All 125-volt, single-phase, 15- and 20- ampere receptacles installed in the locations specified in (1) through (5) shall have ground-fault circuit-interrupter protection for personnel:

**ADD: (2) Kitchens** – for the purposes of this section, a kitchen is an area with a sink and permanent facilities for food preparation and cooking

### **Exception 1. Refrigeration Equipment**

**AMEND: Article 210.12 Arc-Fault Circuit-Interrupter Protection**

**(A) Definition: Arc-Fault Circuit Interrupter (AFCI).** A device intended to provide protection from the effects of arc faults by recognizing characteristics unique to arcing and by functioning to de-energize the circuit when an arc fault is detected.

**(B) Dwelling Units.** All 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed arc-fault circuit interrupter, combination type installed to provide protection of the branch circuit.

FPN No. 1: For information on types of arc-fault circuit interrupters, see UL 1699-1999, *Standard for Arc-Fault Circuit Interrupters*.

FPN No. 2: See 11.6.3(5) of *NFPA 72-200, National Fire Alarm Code*, for information related to secondary power supply requirements for smoke alarms installed in dwelling units.

FPN No. 3: See 760.41(B) and 760.121(B) for power-supply requirements for fire alarm systems.

*Exception No. 1: Where RMC, IMC, EMT or steel armored cable, Type AC, meeting the requirements of 250.118 using metal outlet and junction boxes is installed for the portion of the branch circuit between the branch-circuit overcurrent device and the first outlet, it shall be permitted to install a combination AFCI at the first outlet to provide protection for the remaining portion of the branch circuit.*

*Exception No. 2: Where a branch circuit to a fire alarm system installed in accordance with 760.41(B) and 760.121(B) is installed in RMC, IMC, EMT, or steel armored cable, Type AC, meeting the requirements of 250.118, with metal outlet and junction boxes, AFCI protection shall be permitted to be omitted.*

*Exception No. 3: Transient lodging rooms occupied less than 30 days.*

**ADD: 210.52 Dwelling Unit Receptacle Outlets.**

**(I)** No more than 12 general use outlets are to be installed on 15 and 20 amp branch circuits in all dwelling units.

**215.5. Diagrams of Feeders.**

**DELETE:** If required by the authority having jurisdiction,

**700-9. Wiring, Emergency System.**

**AMEND: (D) Fire Protection.** Emergency systems shall meet the additional requirements in 700.9(D)(1) and (D)(2) in assembly occupancies for not less than 1000 persons or in buildings having occupied floors located more than 75 feet (22.860) above the lowest level of the fire department vehicle access with any of the following occupancy classes: assembly, educational, residential, detention and correctional, business, and mercantile.