

COUNTY OF SUMMIT, OHIO

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September 21, 2016

Proposed Effective Date: January 1, 2016

2014 National Electrical Code Update

Re: State of Ohio One-Two- and Three-Family Dwellings with Amendments

The following previously approved, State of Ohio NEC amendments ***remain*** in effect as adopted by the Ohio Board of Building Standards, and are located in the current 2013 Residential Code of Ohio.

Previously Adopted Amendments

210.8 Ground-Fault Circuit-Interrupter (GFCI) Protection for Personnel. Ground-fault circuit-interrupter protection for personnel shall be provided as required in 210.8(A) through (D). ***The ground-fault circuit-interrupter shall be installed in a readily accessible location.***

(A) Dwelling Units. All 125-volt, single-phase, 15- and 20-ampere receptacles installed in the locations specified in 210.8(A)(1) through (10) shall have ground-fault circuit-interrupter protection for personnel.

(1) RCO 3401.1 2014 NEC Section 210.8(A)(2) has been amended to read: Garages, and also accessory buildings that have a floor located at or below grade level not intended as habitable rooms and limited to storage areas, work areas, and areas of similar use ***Exception: The receptacle located to serve a garage door opener when the device is a single receptacle and located in the ceiling (GFCI protection shall not be required).***

(2) RCO 3401.2 2014 NEC Section 210.8(A)(5) has been amended to read: In an unfinished basement not intended as habitable rooms and limited to storage areas, work areas, and the like ***Exception: A single receptacle located to serve a sump pump shall not be required to have ground-fault circuit-interrupter protection when there is a duplex receptacle with ground-fault circuit-interrupter protection located within six feet of the sump pump.***

New Amendments; Effective January 1, 2016

- (3) **RCO 3401.3** (assumed) 2014 NEC Section 210.8(D) shall be amended to read: GFCI protection shall be provided for outlets that supply dishwashers installed in dwelling unit locations. ***This new requirement in the 2014 NEC has been effectively removed from one-, two-, and three-family dwellings.*** ***Note: Arc-fault protection shall be required for the branch-circuit supplying the dishwasher as identified in Section 210.12(A).***

210.12 Arc-Fault Circuit Interrupter (AFCI) Protection. Arc-fault circuit-interrupter protection shall be provided as required in 210.12(A), (B) and (C). ***The arc-fault circuit-interrupter shall be installed in a readily accessible location.***

- (A) **Dwelling Units.** All 120-volt, single-phase, 15- and 20-ampere branch circuits supplying outlets or devices installed in dwelling unit kitchens, family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, laundry areas, or similar locations or areas shall be AFCI protected by any of the means described in 210.12 (A)(1) through(6).

- (4) **RCO 3401.4** (assumed) 2014 NEC Section 210.12(A) shall be amended to read: Kitchens- where receptacles are installed to serve the countertop surfaces, **shall not require AFCI protection.** ***Note: Above-counter and under-counter outlets installed in kitchens (ie: microwave, hood, range, refrigerator, dishwashers, disposals, trash compactors, etc.) intended for other than countertop surfaces, shall require AFCI protection and if located within six feet of the outside edge of a sink will require GFCI protection.***

- (5) **RCO 3401.5** (assumed) **210.64 Electrical Service Areas.** At least one 125-volt, single-phase, 15- or 20-ampere rated receptacle outlet shall be installed within 50 feet of the electrical service equipment. **Expanded** Exception: The receptacle outlet shall not be required to be installed in one-, two-, and **three**-family dwellings.

Respectfully,

John M. Labriola
Chief Building Official