



VILLAGE OF MONTGOMERY

ORDINANCE NO. 1801

**AN ORDINANCE ADOPTING CERTAIN NATIONAL CODES
(2014 NATIONAL ELECTRIC CODE)
VILLAGE OF MONTGOMERY, KANE AND KENDALL COUNTIES, ILLINOIS**

PASSED BY THE PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF MONTGOMERY, KANE AND KENDALL COUNTIES, ILLINOIS
THIS 26th DAY OF February 2018.

PUBLISHED IN PAMPHLET FORM BY AUTHORITY
OF THE PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF MONTGOMERY, KANE AND KENDALL COUNTIES,
ILLINOIS, THIS 27th DAY OF February 2018.

VILLAGE OF MONTGOMERY
ORDINANCE NO. 1801
AN ORDINANCE ADOPTING CERTAIN NATIONAL CODES
(2014 NATIONAL ELECTRIC CODE)

BE IT ORDAINED by the Board of Trustees of the Village of Montgomery, Kane and Kendall Counties, Illinois as follows:

WHEREAS; the Village of Montgomery ("Village") is not a home rule municipality within Article VII, Section 6A of the 1970 Constitution of the State of Illinois, and accordingly, acts pursuant to those powers granted to it under 65 ILCS 5/1-1 *et seq.*, and,

WHEREAS; the Board of Trustees of the Village of Montgomery ("Village Board") finds that the best interest of the Village and the health and welfare of the residents of the Village are best served by regulating electrical standards within the Village; and,

NOW THEREFORE BE IT ORDAINED by the President and Board of Trustees of the Village of Montgomery, Kane and Kendall Counties, Illinois, as follows:

SECTION ONE: That Chapter 7, Section 7-1 of the Village Code shall be amended as follows:

Adoption: That a certain document entitled "2014 National Electric Code" published by the National Fire Protection Association, one copy of which is on file at the Building Division of the Community Development Department of the Village of Montgomery, is hereby adopted as the "Electrical Code" for the Village of Montgomery for regulating and establishing electrical standards in the Village of Montgomery as provided; and each and all of the regulations, provisions, penalties, conditions and terms of said "2014 National Electric Code" are adopted and made a part hereof, as if fully set out in the Code with the additions, insertions, deletions and changes prescribed in this ordinance.

SECTION TWO: That Chapter 7, Section 7-2 of the Village Code shall be amended as follows:

That electrical code of the Village (2014 National Electric Code) adopted in section 7-1 of the Village Code of Ordinances is hereby amended as follows:

Article 110.13 Mounting and Cooling of Equipment is hereby amended by adding the following subsection:

(C) Electrical Panel Mounting: All electric panels mounted on concrete or masonry walls that are either exterior walls or below grade, shall have a minimum of ½ inch plywood installed behind the panel, or the panel shall be mounted to structural mounting channel that provides a minimum

½ inch airspace between the panel and the wall, for purposes of the support and to help prevent moisture entering the panel. Such mounting shall allow panel replacement if required.

Article 210.8 Ground Fault Circuit Interrupter Protection for Personnel Subsection (A)(2) is hereby amended to read:

(A) (2) Ground Fault Circuit protection shall not be required in single family residences for sump pumps. A single receptacle is required for all sump pump installations in single family residences. An overhead garage door opener outlet/receptacle is not required to have GFCI protection.

Article 210.12 Arc-Fault Circuit-Interrupter Protection, Subsection (A) Dwelling Units is hereby amended to read:

(A) All 120-volt, single phase, 15 and 20 ampere branch circuits supplying outlets installed in bedrooms shall be protected by a listed arc-fault circuit interrupter, combination type, installed to provide protection of the branch circuit.

Article 220.40 General is hereby amended by adding the following at the end of the section:

(A) The minimum size service panel for a new single-family residence or service upgrade shall be a 200-amp, 40 circuit panel Exception: single family homes that were constructed prior to August 16, 2016 and are under 1,500 square feet are allowed to upgrade to a 100-amp, 20 circuit panel.

(B) The minimum size service panel for any new or remodeled building other than single-family shall be on a 100-amp, 20 circuit panel.

Article 230.43 Wiring Methods for 1000 Volts, Nominal, or Less is hereby amended by deleting methods (1) through (19) and replacing those provisions as follows:

Service entrance conductors are to be installed in rigid metal conduit, intermediate metal conduit or PVC.

Article 230.44 Cable Trays is hereby amended by deleting methods (2) and (4).

Article 300.11 Securing and Supporting is hereby amended by adding the following subsection:

(D) **Independent Supporting Methods.** All lighting fixtures, panel boards, switchgear, and/or supporting devices or conduit systems, installed in buildings or structures shall be installed and supported by the building structural components, completely independent of roof or floor deck, piping or ductwork, drywall, or ceiling tile. Lighting fixtures (in ceiling grid systems) shall be supported in accordance to manufacturer's requirements.

Article 314.3 Nonmetallic Boxes is hereby amended by adding the following sentence at the end of the provision: The use of non-metallic boxes is prohibited except for low voltage applications.

Exceptions 1 and 2 shall be deleted in their entirety.

Article 322 – Flat Cable Assemblies: Type FC is hereby deleted in its entirety.

Article 324 – Flat Conductor Cable: Type FCC is hereby deleted in its entirety.

Article 326 - Integrated Gas Spacer Cable: Type IGS is hereby deleted in its entirety.

Article 334 – Nonmetallic-Sheathed Cable: Types NM, NMC, and NMS is hereby deleted in its entirety.

Article 338 – Service - Entrance Cable: Types SE and USE is hereby deleted in its entirety.

Article 352.10 (G) Underground Installations shall be amended as follows:

Delete sentence “See 300.5 and 300.50” and replace as follows: PVC shall not be permitted to emerge from concrete, earth, or other solid surface. Any portion of the raceway emerging from concrete or earth shall be installed in ridged metal conduit to a point not less than 18 inches above and below the emergence.

Article 358.10 - Uses Permitted shall be amended by deleting subsection (B) Corrosion Protection in its entirety.

Article 362- Electrical Nonmetallic Tubing Type ENT: Type ENT is hereby deleted in its entirety.

Article 382- Nonmetallic Extensions is hereby deleted in its entirety.

Article 388 – Surface Nonmetallic Raceways is hereby deleted in its entirety.

Article 394 – Concealed Knob-and-Tube Wiring is hereby deleted in its entirety.

Article 398- Open Wiring on Insulators is hereby deleted in its entirety.

Article 404.8 (A) Location is hereby amended by adding the following sentences prior to the listed exceptions:

The required wall switch for lighting outlets at every habitable room, bathrooms, accessible attics, underfloor spaces, utility rooms, each area of an unfinished basement, and equipment spaces shall be installed at the usual point of entry to these spaces.

Article 406.12 – (A) Tamper-Resistant Receptacles in Dwelling Units is hereby deleted in its entirety.

Article 422.10 Branch-Circuit Rating is hereby amended by adding the following section:

(C) Mechanical. Each furnace, heat pump, water heater, air conditioning unit and similar equipment shall be provided with a dedicated branch circuits. A disconnecting means shall be provided on or immediately near the equipment.

Article 604- Manufactured Wiring Systems is hereby deleted in its entirety.

Article 700.16 Emergency Illumination is hereby amended by adding the following section:

- (1) Emergency lighting shall be provided in the following locations: Mechanical/electrical rooms, toilet and bath/shower rooms, any rooms containing a fire alarm panel or incoming fire suppression systems.

SECTION THREE: GENERAL PROVISIONS

REPEALER: All ordinances or portions thereof in conflict with this Ordinance are hereby repealed.

SEVERABILITY: Should any provision of this Ordinance be declared invalid by a court of competent jurisdiction; the remaining provisions will remain in full force and effect the same as if the invalid provision had not been a part of this Ordinance.

EFFECTIVE DATE: This Ordinance shall be in full force and effect from and after its approval, passage and publication in pamphlet form as provided by law.

PASSED AND APPROVED by the President and Board of Trustees of the Village of Montgomery, Kane and Kendall Counties, Illinois this 24th day of February 2018.

Matthew Brolley
Matthew Brolley
President of the Board of Trustees of the Village of Montgomery

ATTEST:
Penny FitzPatrick
Penny FitzPatrick
Village Clerk of the Village of Montgomery



	Aye	Nay	Absent	Abstain
Trustee Stan Bond	✓	—	—	—
Trustee Pete Heinz	—	—	✓	—
Trustee Steve Jungermann	✓	—	—	—
Trustee Denny Lee	✓	—	—	—
Trustee Doug Marecek	✓	—	—	—
Trustee Theresa Sperling	✓	—	—	—
Village President Matthew Brolley	<u>No vote cast</u>			