

**LEGISLATION FOR ADOPTION OF THE
NATIONAL ELECTRICAL CODE
ORDINANCE NO. 2019-5-12**

An Ordinance of the **Village of Ringwood**, a municipality of the State of **Illinois**, adopting the 2017 edition of the *National Electrical Code*, regulating and governing the conditions and maintenance of electrical system installations in the **Village of Ringwood** providing for the issuance of permits and collection of fees therefor; repealing **Ordinance No. 2005-11-1** of the **Village of Ringwood** and all other ordinances or parts of laws in conflict therewith.

The **Board of Trustees** of the **Village of Ringwood** does ordain and adopt by reference pursuant to 50 ILCS 220/2, the 2017 National Electrical Code as follows:

Section 1. That a certain document, three (3) copies of which are on file in the office of the **Village Clerk of Village of Ringwood**, being marked and designated as the *National Electrical Code*, 2017 edition as published by the National Fire Protection Association, be and is hereby adopted as the Electrical Code of the **Village of Ringwood**, in the State of **Illinois** for regulating and governing the conditions and maintenance of electrical system installations as herein provided; providing for the issuance of permits and collection of fees therefor; and each and all of the regulations, provisions, penalties, conditions and terms of said Electrical Code on file in the office of the **Village of Ringwood** are hereby referred to, adopted, and made a part hereof, as if fully set out in this legislation, with the additions, insertions, deletions and changes, if any, prescribed in Section 2 of this ordinance.

Section 2. The following sections are revised as follows:

2017 National Electrical Code

Article 230 Services - Amend as Follows

Article 230.70(A)(1) of the 2017 National Electrical Code shall be revised to provide as follows:

Article 230.70(A)(1) Readily Accessible Location. The service disconnect means shall be installed at a readily accessible location either outside of a building or structure or inside the nearest point of entrance of the service conductors, **within five feet (5') of that point of entry and the meter socket enclosure. Disconnects beyond five feet (5') shall have a main disconnect at the meter socket enclosure.**

Article 300 General Requirements for Wiring Methods and Materials – Amend as Follows

Article 300.5(G) of the 2017 National Electrical Code Shall be added to provide as follows:

Article 300.5(G) Raceway Seals. Conduits or raceways through which moisture may

contact live parts shall be sealed at the point of entry to the building or both ends. Spare or unused raceways shall also be sealed. Sealants shall be identified for use with the cable insulation, conductor insulation, bare conductor, shield or other component.

Article 310 Conductors for General Wiring – Amend as Follows

Article 310.106(A) of the 2017 National Electrical Code shall be revised to provide as follows:

Article 310.106(A) Minimum Size of Conductors. The minimum size of conductors shall be shown in Table 310.106(A), except as permitted elsewhere in this code. **All conductors in buildings other than residential in use must have a minimum size of 12 AWG.**

Article 310.106(B) of the 2017 National Electrical Code shall be added to provide as follows:

Article 310.106(B) Conductor Material. **All conductors are required to be copper based except for low voltage wiring and service entrance cable. Low voltage wiring and service entrance cable may be aluminum, copper-clad aluminum or copper unless indicated elsewhere in the code.**

Section 3. That **Ordinance No. 2005-11-1** of the **Village of Ringwood** entitled “**An Ordinance Adopting the 2003 International Residential Code and 2005 National Electrical Code**” and all other ordinances or parts of laws in conflict herewith are hereby repealed.

Section 4. That if any section, subsection, sentence, clause or phrase of this legislation is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this ordinance. The **Village of Ringwood** hereby declares that it would have passed this law, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases be declared unconstitutional.

Section 5. That nothing in this legislation or in the Electrical Code hereby adopted shall be construed to affect any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 3 of this law; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this legislation.

Section 6. That the **Village Clerk** is hereby ordered and directed to cause this legislation to be published **in pamphlet form by authority of the President and Board of Trustees of the Village of Ringwood, McHenry County, Illinois.**

Section 7. That this law and the rules, regulations, provisions, requirements, orders and matters established and adopted hereby shall take effect and be in full force and effect **April 1, 2019** from and after the date of its final passage and adoption.

Passed this 21st day of May, 2019

AYES: Meyer, Walkington, Robel, Herdus, Reinwall and Hewes

NAYES: None

ABSTAIN: None

ABSENT: None

Approved this 21st day of May, 2019

Richard E. Mack

Village President

ATTEST:

Roni Gaddis-Bushroe

Village Clerk