

ORDINANCE NO. 7231

AN ORDINANCE AMENDING CHAPTER 8 OF THE CODE OF ORDINANCES, REGULATING ELECTRICAL WIRING AND APPARATUS WITHIN THE CORPORATE LIMITS OF THE CITY OF MANHATTAN, KANSAS; INCORPORATING BY REFERENCE THE “NATIONAL ELECTRICAL CODE” EDITION OF 2014, WITH CERTAIN OMISSIONS, CHANGES AND ADDITIONS THERETO; AND REPEALING ALL ORDINANCES IN CONFLICT HEREWITH.

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF MANHATTAN, KS:

SECTION 1. That Section 8-47 of Chapter 8 of the Code of Ordinances of the City of Manhattan, Kansas is hereby amended to read as follows:

Section 8-47. Adoption of the National Electrical Code.

There is hereby incorporated by reference for the purpose of establishing standards for the protection of the public health, safety and welfare within the corporate limits of the City of Manhattan, Kansas, that certain electrical code known as the National Electrical Code (NFPA 70), 2014 Edition, including Annex A, B, C, D, E, F, G, H, I and J, a standard of the National Fire Protection Association, One Batterymarch Park, Quincy, Massachusetts, 02169, save and except such articles, sections, parts or portions as may be hereinafter omitted, deleted, modified or changed. No fewer than one (1) copy of such publication shall be marked or stamped “Official Copy as adopted by Ordinance No. 7231”, and shall be attached to a copy of this ordinance and filed with the city clerk and open for inspection and available to the public at all reasonable hours. All administrative departments of the City charged with enforcement of this code shall be supplied, at the cost of the City, such number of official copies, similarly marked, as may be deemed expedient.

SECTION 2. That Section 8-48 of the Code of Ordinances, City of Manhattan, Kansas, is hereby amended to read as follows:

Section 8-48. Amendments.

The National Electrical Code, adopted by Section 8-47 is hereby changed, altered, modified and otherwise amended as follows:

1. Article 210.8(A)(2) of the National Electrical Code is hereby changed to read as follows:

Article 210.8(A)(2) Dwelling Units. All 125 volt, single phase, 15 or 20 ampere receptacles installed in garages and grade level portions of unfinished accessory buildings used for storage or work areas shall have ground fault circuit interrupter protection for personnel.

Exceptions:

1. Receptacles that are not readily accessible.
 2. A single receptacle or duplex receptacle located within dedicated space for each appliance that in normal use is not easily moved from one place to another, and that is cord and plug connected.
2. Article 210.8(B)(2) of the National Electrical Code is hereby changed to read as follows:

Article 210.8(B)(2) Other Than Dwelling Units. All receptacles that are readily accessible and do not serve a dedicated appliance.

3. Article 210.12 of the National Electrical Code is hereby changed to read as follows:

Article 210.12 Arc Fault Circuit Interrupter Protection.

- a. **Definition.** An arc-fault circuit interrupter is 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 Unit Bedrooms.** All branch circuits that supply 125 volt, single phase, 15 and 20 ampere receptacle outlets installed in dwelling unit bedrooms shall be protected by an arc-fault circuit interrupter(s) of the combination type.
4. Article 300.5(C) of the National Electrical Code is hereby amended to read as follows:

Article 300.5(C) Underground Cables Under Buildings. Underground cable installed under a building shall be in a raceway.

5. Article 334.10 of the National Electrical Code is hereby amended to read as follows:

Article 334.10 Uses Permitted. Type NM, Type NMC, and Type NMS cables shall be permitted to be used in the following:

1. One and two family dwellings
2. Multi-family dwellings permitted to be of Type III, IV and V construction

A) Type NM. Type NM cable shall be permitted as follows:

- (1) For both exposed and concealed work in normally dry locations except as prohibited in section 334.10(3).
 - (2) To be installed or fished in air voids in masonry block or tile walls.
 - B) Type NMC. Type NMC cable shall be permitted as follows:
 - (1) For both exposed or concealed work in dry, moist, damp or corrosive locations, except as prohibited by 334.10(3).
 - (2) In outside and inside walls of masonry block or tile.
 - (3) In a shallow chase in masonry, concrete or adobe protected against nails or screws by a steel plate at least 1/16 inch thick and covered with plaster, adobe or similar finish.
 - C) Type NMS. Type NMS cable shall be permitted as follows:
 - (1) For both exposed and concealed work in normally dry locations except as prohibited by 334.10(3).
 - (2) To be installed or fished in air voids in masonry block or tile walls.
6. Article 334.12 of the National Electrical Code is hereby amended to read as follows:

Article 334.12 Uses Not Permitted.

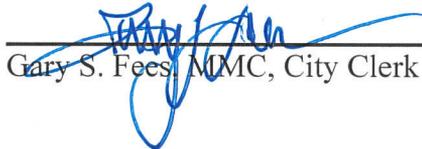
- A) Types NM, NMC and NMS. Types NM, NMC and NMS cables shall not be permitted as follows:
 - (1) In any structure not specifically permitted in 334.10 (1) and
 - (2) As service entrance cable.
 - (3) In hoistways or on elevators or escalators.
 - (4) Embedded in poured concrete or aggregate.
 - B) Types NM and NMS. Type NM and NMS cables shall not be used under the following conditions or in the following locations:
 - (1) Where exposed to corrosive fumes or vapors.
 - (2) Where embedded in masonry, concrete, adobe, fill or plaster.
 - (3) In a shallow chase in masonry, concrete, or adobe and covered with plaster, adobe or similar finish.
 - (4) Where exposed or subject to excessive moisture or dampness.
7. Articles 406.4(D)(4), 406.4(D)(5) and 406.4(D)(6) of the National Electrical Code are hereby deleted.
10. Article 406.9(B)(1) of the National Electrical code is hereby amended to read as follows:

Article 406.9(B)(1) 15 and 20 Ampere Receptacles in a Wet Location. 15 and 20 ampere, 125 and 250 volt receptacles installed in a wet location shall have an enclosure for the receptacle that is weatherproof when the receptacle is covered (attachment plug cap not inserted and receptacle covers closed). All 15 and 20 ampere 125 and 250 volt non locking type receptacles shall be listed weather resistant type.

SECTION 3. This ordinance shall take effect and be in force from and after January 1, 2017, and its publication in the official city newspaper.

PASSED BY THE GOVERNING BODY THIS 21ST DAY OF JUNE, 2016.





Gary S. Fees, MMC, City Clerk



Usha Reddi, Mayor