

**CITY OF MOORE
ORDINANCE NO. 1041.23**

AN ORDINANCE AMENDING PART 5, CHAPTER 4, ARTICLE A, SECTIONS 5-401 AND 5-411; ADOPTING THE 2020 NATIONAL ELECTRICAL CODE AS AMENDED AND MODIFIED BY THE OKLAHOMA UNIFORM BUILDING CODE COMMISSION AND ADOPTING LOCAL AMENDMENTS TO SAID CODE; ESTABLISHING MINIMUM REGULATIONS GOVERNING THE DESIGN, INSTALLATION AND CONSTRUCTION OF ELECTRICAL SYSTEMS WITHIN MOORE, OKLAHOMA; PROVIDING FOR SEVERABILITY; PROVIDING FOR REPEALER.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MOORE, OKLAHOMA THAT PART 5, CHAPTER 4, ARTICLE A, SECTION 5-401 AND 5-411 ARE HEREBY AMENDED TO READ AS FOLLOWS:

ARTICLE 5-4A GENERAL PROVISIONS

Sec 5-401 Adoption Of The ~~2014~~ National Electrical Code; NFPA 70, ~~As Adopted By The State Uniform Building Code Commission Pursuant To 59 OS Section 1000.23~~

Sec 5-402 Provisions Declared To Be Minimum Requirements

Sec 5-403 Electrical Installation Permit Required

Sec 5-404 Temporary Permit; Fees

Sec 5-405 Inspection, Not To Conceal

Sec 5-406 Denial Of Permit; Certificate Of Inspection, Utility Companies

Sec 5-407 Wiring Protection, When Inspected

Sec 5-408 Defective Workmanship And Materials

Sec 5-409 Relocated Buildings

Sec 5-410 Inspection No Relief From Responsibility

Sec 5-411 Electrical ~~Board~~ Committee

Sec 5-401 Adoption Of The ~~2014~~ National Electrical Code; NFPA 70, ~~As Adopted By The State Uniform Building Code Commission Pursuant To 59 OS Section 1000.23~~

- (a) ~~A.~~ For the purposes of establishing basic minimum requirements necessary for safety in the use of electricity, and of prescribing rules and regulations governing the installation of electrical wiring and appliances within the city, there is hereby adopted that certain code known as the ~~2014~~ **2020** National Electrical Code—NFPA 70 with Appendix H, as adopted by the state Oklahoma uniform building code commission pursuant to 59 O.S. § 1000.23, thereof and the whole thereof, save and except such provisions as are hereinafter deleted, modified or amended, referred to herein as the "electrical code" or "NEC"; of which code not less than one copy has been and now is filed in the office of the clerk. The electrical code is hereby incorporated as fully as if set out at length herein.
- (b) ~~B.~~ The ~~2014~~ 2020 National Electric Code is hereby amended as follows:

- ~~1. Insert new section 305 to read as follows: Aluminum wire may only be used if it is sized at 4/0 or larger, used for service and feeders only and installed as per~~

~~manufacturer's installation instructions.~~

2. ~~Insert new section 300.1(D) to read as follows: All commercial structures shall be wired in conduit. NM cable shall not be used.~~
- (1) Section 80.5.1, [The City of Moore hereby adopts Appendix H, "Administration and Enforcement" of the 2020 National Electrical Code.]
- (2) Section 80.7, insert the name: [City of Moore]
- (3) Section 80.15, delete existing language and replace with the following: [Section 80.15 Board of Appeals. Please reference Article 5-1D of the City of Moore's Municipal Code.]
- (4) Section 80.19 (E), add language at the end of the sentence to read: [As provided in the City's adopted fee schedule and The code official shall establish a policy for authorizing the refunding of fees.]
- (5) Section 80.19 (F)(3), delete part of the last sentence that reads: "or until ___ days have elapsed form the time of such notification, provided that a large installation, where the concealment of equipment proceeds continuously, the person, firm or corporation installing the equipment shall vie the Electrical Inspector due notice in advance and inspections shall be made periodically during the progress of the work." and replace text at the end to read: [or Building Official.]
- (6) Section 80.23 (A)(3), add a section at the end to read: [Stop work orders. Upon notice from the Code Official, work on any electrical system regulated by this code is being performed in a manner either contrary to the provisions of this code or dangerous or unsafe, the Code Official is authorized to issue a stop work order. The stop work order shall be in writing and shall be given to the owner of the property involved, to the owner's authorized agent or to the person performing the work. The stop work order shall state the reason for the order and the conditions under which the cited work will be permitted to resume. Any person who shall continue any work on the electrical system after having been served with a stop work order, except such work as the person is directed to perform to remove the violation or unsafe condition, shall be subject to penalties as prescribed law.]
- (7) Section 80.23 (B)(3) Penalties, delete section and insert the following to read: [Section 80.23 (B)(3) Penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair mechanical work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code shall be guilty of a listed in the city municipal code section 1-108. Each day that a violation continues after due notice has been served shall be deemed a separate offense.]

- (8) Section 80.25 (C), delete section.
- (9) Section 80.27, delete section and insert the following to read: [80.27 Inspector's Qualifications. To be an electrical inspector, the said individual, company or firm must comply with the Oklahoma State adoptions and conform to their standards and registration.]
- (10) Section 80.35, delete section and insert the following to read: [80.35 Effective Date. Article 8 shall take effect as listed in Ordinance 1041.23.]
- (11) Section 110.5 Conductors, add a sentence to the end of the section to read: [The use of aluminum conductors shall be a minimum 4/0 or larger for non-residential uses for service and feeders only. Aluminum is not allowed in one-to-two family dwelling, R1, R-2, R-3, R-4 occupancy uses and any sleeping quarters.]
- (12) ~~3.~~ Section 210.19(A)(4) is hereby amended by: Deleting the number "14" and inserting the number [12.]
- (13) Section 230.2(E), amend to read: [230.2 (E) identification. Where a building or structure is supplied by more than one service, or any combination of branch circuits, feeders, and services, a permanent plaque or directory shall be installed with a contrasting background, durable material, engraved or pressed lettering with a minimum of 1/2 inch lettering height at each service disconnect location denoting all other services, feeders and branch circuits supplying that building or structure and the areas served by each.]
- (14) Section 230.70(A)(4), add a sentence at the end of the section to read: [(4) Emergency Service Disconnect means for a one- and two- family dwelling is to reference 230.85.]
- (15) ~~4.~~ Section 250.118 is hereby deleted, and the following language is hereby substituted: [250.118 Types of Equipment Grounding Conductors. The equipment grounding conductor run with the circuit conductors shall be copper only. This conductor shall be solid or stranded; insulated, covered, or bare; and in the form of a wire of any shape.

All raceways or cable assemblies shall include a green or bare equipment grounding conductor, said conductor shall be bonded to all non-current carrying metal parts of the electrical system.]

- (16) Section 300.1 (D), amend to read: "[300.1 (D) Prohibiting the use of aluminum wire. The use of aluminum conductors shall be a minimum 4/0 or larger for non-residential uses for service and feeders only. Aluminum is not allowed in one-to-two family dwelling, R1, R-2, R-3, R-4 occupancy uses and any sleeping quarters.]

- (17) Section 300.1 (E), amend to read: [300.1 (E) Commercial Structures. All commercial structures shall be wired accepted by the NEC. NM cable shall not be used.]
- (18) Section 300.5(F)(1), add and amend to read: [300.5(F)(1) Shared trench. Where a buried cable, raceway or conduit is installed in a trench, sharing of the trench with fuel/gas piping, water piping and building sewers is prohibited. Buried electrical must have a minimum of 18 inches separation.]
- (19) Section 300.5(F)(2), amend to read: [300.5(F)(2) Protection of footing. Trenching installed parallel to footings and wall shall comply with Section 307.5 of the International Plumbing Code.]
- (20) Section 310.3(B) delete the end of the sentence of the first paragraph that reads: "unless otherwise specified" and replace the end of the sentence to read: [The use of aluminum conductors shall be a minimum 4/0 or larger for non-residential uses for service and feeders only. Aluminum is not allowed in one-to-two family dwelling, R1, R-2, R-3, R-4 occupancy uses and any sleeping quarters.]
- (21) Section 312.8(A)(4) amend to read: [312.8 (A)(4) Mounting height. Enclosures for switches or over-current devices shall be installed so the bottom of the enclosure is not less than 2 feet (610 mm) above finish grade or working platform unless specifically listed or approved for an alternate mounting height.]
5. ~~Section 680.23(A)(4) is hereby amended by: Deleting the number "150" and inserting the number "15."~~
- (22) ~~6.~~ Section 680.23(A)(2) is hereby amended by adding the following language: [A ground fault circuit interrupter shall be installed in branch circuits that supply low voltage lighting transformers.]
- (23) Section 690.31, amend by adding to the end of the existing text to read: "The following wiring methods shall apply to AC and DC Systems."

State Law reference— Adoption by reference, 11 O.S. § 14-107.

Sec 5-402 Provisions Declared To Be Minimum Requirements

The provisions of the ~~2014~~ 2020 National Electrical Code, in their interpretation and application shall be held to be minimum requirements adopted for the promotion of public health, safety and general welfare. Wherever any of the provisions or requirements of the ~~2014~~ 2020 National Electrical Code are inconsistent with the provisions of this Code or state statutes presently existing or enacted in the future, the provisions or requirements containing the most restrictive regulation shall apply and govern.

Sec 5-411 Electrical Board Committee

This committee shall be formed to review proposed adoptions that pertain to the electrical codes. The Committee shall be composed of five members. Four of the members shall carry either a valid electrical contractor or journeyman license with the city and state or an electrical engineer licensed with the state. The fifth member shall be an electrical inspector with the City of Moore.

~~A. An electrical board is hereby created and established. The board shall consist of five members, including four appointive members and one ex officio member. The appointive members shall be appointed by the mayor and confirmed by the city council. The ex officio member shall be the electrical inspector. The appointive members shall be qualified as follows:~~

- ~~1. Two members shall be active as electrical contractors;~~
- ~~2. Two members shall be active as journeymen electricians.~~

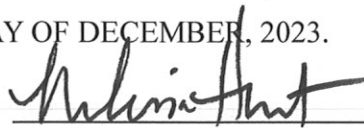
~~The appointive members shall hold office for a term of two years and may be removed for cause. Vacancies shall be filled by appointment for the unexpired term. The appointive members may receive a compensation if so established by the city council. Two members of the board present at any meeting shall constitute a quorum for the transaction of business. The concurring vote of not less than two members is necessary to constitute an official action of the board. The ex officio member shall have voting power and shall be counted in determining a quorum.~~

~~B. The board shall, with the electrical inspector, hear, pass on and settle any disputes that may arise pertaining to the provisions of this article. The board shall prescribe a procedure and order of business for hearing applications for certificates of registration and hearing appeals from the decisions of the electrical inspector and grievement appeals as provided herein.~~

Severability. If any of the provisions of this ordinance are determined to be unconstitutional or unlawful by any court of competent jurisdiction, the remainder shall be severable and unaffected.

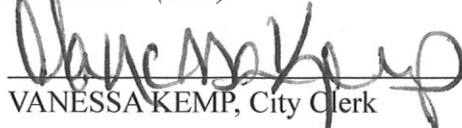
Repealer. Any ordinance or parts thereof in conflict with this section are hereby repealed.

PASSED AND APPROVED THIS 18TH DAY OF DECEMBER, 2023.



MELISSA HUNT, Vice-Mayor

ATTEST: (Seal)



VANESSA KEMP, City Clerk



APPROVED AS TO FORM AND LEGALITY:

Brian Miller

Brian K. Miller, City Attorney