

# ORDINANCE 8-99

## AN ORDINANCE OF THE CITY OF MAYFIELD REPEALING THE EXISTING ELECTRICAL CODE AND ASSOCIATED ELECTRICAL REQUIREMENTS AND ADOPTING A NEW ELECTRICAL CODE AND ASSOCIATED ELECTRICAL REQUIREMENTS;

WHEREAS, There have been several new electrical code updates since the adoption of the 1984 code listed in the ordinance, and

WHEREAS, The existing electrical code has many additional items that are obsolete and new procedures are utilized, and

WHEREAS, Mayfield Electric and Water Systems desires to no longer do the necessary electrical inspections due to constraints of key personnel and the cost of performing said inspections has soared over the years, and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MAYFIELD, KENTUCKY TO REPEAL THE EXISTING CHAPTER 4 ARTICLE II AND REPLACE IT WITH THE FOLLOWING:

### Chapter 4

#### BUILDINGS; CONSTRUCTION AND RELATED ACTIVITIES

#### ARTICLE II. ELECTRICAL

##### Section 4-20 Electrical Code Adopted.

The latest edition of the National Electrical Code (NFPA 70) and any subsequent amendments, is hereby adopted in full as an ordinance of the City except where specifications listed below may conflict, in which case the more restrictive shall apply.

##### Section 4-21 General Requirements.

(a) It shall be unlawful for any person, firm or corporation to conceal electrical wiring until after said wiring has been inspected by the Electrical Inspector. It shall be unlawful for any Electric Light & Power Company to connect with or furnish electrical current to any installation until such installation has been inspected by said Electrical Inspector and a certificate of approval issued.

(b) For any structures not on public sewer, no certificate of approval for temporary or permanent electric service shall be issued until a site evaluation approval has been issued by the local Health Department.

(c) Any electrical contractor or electrician allowing a non-licensed electrician or contractor that

is not an employee to work under their license, shall be in direct violation of this code and shall be subject to penalties as set forth in section 1-8.

(d) Any person holding a residential wiring license found installing commercial or industrial wiring will be subject to penalties as set forth in section 1-8 unless employed by a licensed electrical contractor and working under the supervision of a journeyman.

**Sec. 4-22. Enforcement Agent: Electrical Inspector.**

(a) Position: For the purpose of carrying into effect the provisions of this article it shall be the responsibility of the Code Official (Building Official) or his designee. Said Official or designee shall administer and enforce all the provisions of the electrical code in effect at the time wiring is done or electrical appliances are installed. The person(s) actually conducting the electrical inspections shall be state and nationally certified to perform the duties required herein and shall be employed and/or replaced at the will of the Council.

(b) Requirements of the position: The electrical inspector(s) shall execute the duties of providing electrical inspections as directed by this ordinance and in accordance with adopted electrical code specifications within the City limits of Mayfield. The electrical inspector shall be required to attempt to inspect all inspection requests within two working days from the date the application is received.

If said inspector is not a public official they shall also carry errors and omissions insurance, and liability insurance in an amount determined in a contracted services agreement with the City of Mayfield. Only electrical inspectors contracted with the City shall be authorized to do electrical inspections within the City Limits, with the maximum number of inspectors not to exceed three. All electrical inspectors shall maintain a City of Mayfield occupational license.

**Sec. 4-23. License to do Electrical Work/Continuing Education.**

(a) General: The City of Mayfield will require one of two (2) types of electrical certification licenses to do electrical work within the City of Mayfield: (1) Journeyman license: For commercial, residential and industrial and (2) Residential License: For residential wiring only. An exception to this is that a person may wire such person's own home without a license, but must be qualified, do all wiring in accordance with the adopted electrical code, and pay the usual inspection fee.

(b) Residential License Requirements- Any person making an application for a residential wiring license will be required to take a test approved by the City and make a passing grade of seventy-five (75), after submitting positive proof of at least six (6) consecutive months of experience working under qualified supervision of a journeyman in the field of electrical installation (trade school time will be allowed).

(c) Journeyman License Requirements - Any person making an application for a journeyman license will be required to take a Journeyman's test prescribed by the City, making a passing grade of seventy-five (75), after submitting proof of one and one-half (1-1/2) consecutive years of experience working in the field of electrical installations, a Journeyman following the National Electrical Code rules, or working two (2) years with a residential wiring license.

(d) Testing: The test for each license shall be administered quarterly in January, April, June, and October on the second Monday of the month upon 14 days' notice of the intent to take the test and approval of the proof of work experience. The test shall be administered at the City Hall by the Building Official and a fee shall be charged for the cost of administering each test given.

In case of failure to pass this examination, there shall be a waiting period of six (6) months before applicant can apply for re-examination. Any applicant, regardless of race, color, or creed, upon request, is entitled to see the results of such applicant's test.

Any contractor who knowingly falsifies the work record of any applicant will be subject to fines as established in section 1-8.

(e) Licensing: No license for electrical wiring or for the installation of electrical equipment shall be issued to any contractor who has not paid to the City the occupational license required for the privilege of following such occupation or trade, and it shall be the duty of the electrical inspector to endorse on each permit issued, the occupational license number of the contractor to whom such permit is issued.

(f) Continuing Education: Every licensed electrician shall be required to attend a continuing education course designed to refresh and/or update the professional on the National Electrical Code. Said course shall be provided on an annual basis by the electrical inspector. Professional trade courses covering the same subject matter may be substituted for this requirement as approved by the Building Official.

Licenses that do not attend an approved continuing education course once every three years, shall have their license revoked and shall be prohibited from doing electrical work within the City. They shall be required to pass a new license test prior to resuming doing electrical work within the City limits.

#### **Sec. 4-24. Temporary Services.**

(a) All temporary service locations shall be determined by an employee of Mayfield Electric & Water Systems.

(b) All temporary services shall be of the weatherproof material and sized according to the latest edition of the National Electrical Code.

(c) All temporary services shall be inspected by the Electrical Inspector and a certificate of approval issued.

(d) In the event of an underground service site, the electrical contractor is required to make connections at the temporary service pole and must provide rigid protection of service conductors up to a minimum of 8 feet.

(e) All temporary service poles must be firmly braced to withstand the strain of service conductors. This is the responsibility of the contractor, so unstable poles shall not be connected.

#### **Sec. 4-25. Service Entrances.**

- (a) All service locations shall be determined by an employee of Mayfield Electric & Water Systems.
- (b) All service locations shall be accessible to Mayfield Electric & Water Employees at all times.
- (c) All overhead service entrances shall have a riser of rigid metallic conduit not less than two inches in diameter with a minimum of two approved straps.
- (d) On large overhead services, it is the responsibility of the electrical contractor to provide any necessary supports needed to withstand the strain of the service conductors.
- (e) All service clearance requirements are clearly stated in the latest edition of the National Electrical Code and will be enforced.

#### **Sec. 4-26. Metering.**

- (a) All metering locations shall be determined by an employee of Mayfield Electric & Water Systems.
- (b) Meter mounting height shall be measured from finished grade to center of meter. Meter mounting height shall be maximum 6 feet and a minimum of 5 feet unless special permission is granted by Mayfield Electric & Water Systems.
- (c) All meter-bases shall be provided by the electrical contractor.
- (d) All current transformer metering cabinets must be provided by the electrical contractor and approved before use by the metering department of Mayfield Electric and Water Systems.
- (e) The riser from the CT cabinet must be provided by the electrical contractor and must be one inch rigid metallic conduit which must extend to the same height as the service riser with approved weather-head.
- (f) A meter seal should never be broken by any individual without first notifying Mayfield Electric & Water Systems metering department.
- (g) In the future, all 208V and 240V services up to and including 400 amperes shall be socket type metered.

#### **Sec. 4-27. Inspection Policy.**

- (a) At a minimum, electrical inspections shall be required for the following: Temporary service, rough-in, final, and additions to service.
- (b) No inspection shall be made until the electrical contractor *and/or owner* has submitted an inspection application to a City of Mayfield electrical inspector.

(c) The electrical contractor is required to furnish any prints or diagrams relative to the proposed installation.

(d) Any building or house shall not be permitted to be occupied until an final inspection has been approved.

**Sec. 4-28. Fees.**

\$0.50 cents per ampere for all installations

\$30.00For any additions/alterations to an existing service or \$.50 an ampere whichever is greater.

\$50.00 City Requested Electrical Inspections on existing structures.

\$20.00 per inspection for signs that require electrical inspections per sign code, *this fee does not apply if wiring and installation of sign is part of new construction already included in building plans.*

**Sec. 4-29. Violations.**

Any violation of this Article shall be subject to fines and other remedies as established in Section 1-8. In addition to items provided in section 1-8, any City of Mayfield Electrical Inspector or Citation Officer of the City as defined in Article V of this Chapter may issue a stop work order, seek an injunction, or other remedies available to him/her to include prohibiting a structure to be occupied until such violations are corrected.

**Sec. 4-30. thru Sec. 4-39. Reserved.**

**SECTION 2:** All Ordinances or Resolutions or parts thereof that may be determined to be in conflict herewith are hereby repealed.

**SECTION 3:** If any word, clause, sentence, paragraph or section hereof shall be found to be illegal, unenforceable, or unconstitutional for any reason, said word, clause, sentence, paragraph or section shall be severed from this Ordinance, and this Ordinance shall be read as if said illegal, unenforceable, or unconstitutional word, clause, sentence, paragraph or section did not exist.

**SECTION 4:** This Ordinance shall become in full force and effect from and after its adoption, approval and publication.

APPROVED ON FIRST READING ON THE 10<sup>TH</sup> DAY OF JANUARY, 2000.

ADOPTED ON SECOND READING ON THE 14<sup>TH</sup> DAY OF FEBRUARY, 2000.

ATTEST:

APPROVED:

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Mike Curry, City Clerk  
City of Mayfield, Kentucky

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Wayne Potts, Mayor  
City of Mayfield, Kentucky