ORDINANCE NO. 1670

AN ORDINANCE AMENDING TITLE 179 BUILDING AND PROPERTY REGULATIONS, OF THE MUNICIPAL CODE OF THE CITY OF ANKENY, IOWA, BY ADOPTING THE 2008 NATIONAL ELECTRIC CODE aka NFPA 70

WHEREAS, the City Council of the City of Ankeny, Iowa desires to continue to protect life, safety and property through the adoption and enforcement of construction codes, and to establish the minimum standards to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of mechanical systems;

WHEREAS, the Council now deems it appropriate to revise the Municipal Code by adopting the latest edition of the International Code Council Electrical Code.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ANKENY, IOWA:

1. That Chapter 179 of the Municipal Code of the City of Ankeny, Iowa, the Electrical Regulations be repealed and there be enacted in lieu thereof the following Chapter;

CHAPTER 179 ELECTRICAL CODE

Section Number	Title	NEC Section
179.01	Short Title	
179.02	Adoption of Electrical Code	
179.03	Amendments, modification, additions and deletions	
179.04	Conflicts	
179.05	Title	
179.06	Creation of Enforcement Agency	
179.07	Deputies	
179.08	Scope - - Permits required	90.2 (5)
179.09	Permit acquisition	90.2.1
179.10	Permit Expiration	
179.11	Schedule of Permit Fees	
179.12	Fee Refunds	
179.13	Stop Work Order	
179.14	Ground Fault Circuit-Interrupter Protection for Personnel	210.8

179.01 SHORT TITLE. This chapter shall be known as the Ankeny Electrical code, and may be cited as such, and may be referred to herein as this chapter

179.02 ADOPTION OF ELECTRICAL CODE. The *National Electric Code 2008 Edition*; published by the National Fire Protection Association (NFPA 70), is adopted in full except for such portions as may be hereinafter deleted, modified or amended. An official copy of the *National Electric Code 2008 Edition*, as adopted and a certified copy of this chapter are on file in the office of the City Clerk.

179.03 AMENDMENTS, MODIFICATIONS, ADDITIONS. The *National Electric Code, 2008 Edition* (hereinafter known as the NEC), is amended as hereinafter set out in Sections 179.04 through 179.14.

179.04 REFERENCED CODES - - CONFLICTS. In the event there are requirements of this code that conflict with applicable State and Federal requirements, the more stringent shall apply.

179.05 ADDITION - - TITLE. Title, of the NEC is hereby established by adding the following:

> Title. These regulations shall be known as the Ankeny Electrical Code hereinafter known as "this code."

179.06 ADDITION - - CREATION OF ENFORCEMENT AGENCY. Creation of enforcement Agency, of the NEC, is hereby established by adding the following:

> Building and Zoning Administrator The term electrical Code Official is intended to also mean the Building and Zoning Administrator and his or her representatives or designees, who are herewith delegated the same powers, authorities, duties and responsibilities as designated for the Code Official.

179.07 ADDITION - - DEPUTIES. Deputies, of the NEC is hereby established by adding the following:

> Building & Zoning Administrator There is also hereby established the position of Building & Zoning Administrator, who shall be designated by the Planning and Building Director, and when so appointed, shall be responsible for the enforcement of this code. The Building & Zoning Administrator shall have authority to file a complaint in any court of competent jurisdiction charging a person with the violation of this title. The Building and Zoning Administrator shall have whatever additional duties the Planning and Building Director may prescribe.

179.08 ARTICLE 90.2 AMENDED - - SCOPE (PERMITS REQUIRED). Permits required, of the NEC is hereby established by adding the following subcategory (5) and exceptions:

> Permits Required Permits shall be required for work contained within the scope of this article.
>
> Exceptions:
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> 1. Replacement of lighting fixtures, receptacles, switches, overcurrent protection devices of the same volt and amperage.
> 2. The repair or replacement of flexible cords of same volt and amperage.
> 3. The process of manufacturing, testing, servicing, or repairing of electrical equipment or apparatus.
> 4. No permit or inspections are required for electrical wiring of 50 volts or less

179.09 ARTICLE 90.2.1 ADDITION - - PERMIT ACQUISITION. Permit acquisition, of the NEC, is hereby established by adding the following article:

Article 90.2.1 Permit acquisition

1. Permits are not transferable. Electrical work performed under the provisions of this chapter must be done by a contractor meeting the licensing provisions as set forth by the Iowa Electrical Examining Board in accordance with Iowa Code Chapter 103. A responsible person or an electrician licensed by the State of Iowa Electrical Examining board as a "Master A or B" may sign and obtain a permit for the contractor for which they are employed only when said responsible person or "Master A or B" has provided proof of employment or written confirmation by said licensed contractor. Any permit required by the provisions of this code may be revoked by the Building Official upon the violation of any provision of this code.

2. A State of Iowa licensed Electrical contractor shall be allowed only to secure permits for himself or herself, or for a single firm or corporation. When a State of Iowa licensed Electrical contractor has secured such a permit, only the employees of such contractor when meeting the provisions of Iowa Code Chapter 103 shall perform the work for which the permit was obtained.

3. For purposes of this section, an "employee" shall be one employed by the contractor, firm or corporation for a wage or salary. A contractor may be required by the Building Official to show positive evidence as to the employee status of workers on the job. Such evidence shall be in the form of payroll and time records, canceled checks, or other such documents.

4. The contractor may also be required to show the agreement or contract pertaining to the work being questioned as evidence that said contractor is, in fact, the actual contractor for such work. Failure or refusal by the contractor to make available such employee or contractual records within 24 hours from demand therefor shall be grounds for immediate revocation of any permit for the work in question.

5. Homeowners (owner/occupants) qualifying for the homestead tax exemption may acquire permits for their principal residence (not an apartment) and appurtenant accessory structures for electrical work, not to include dwelling service upgrade or replacement, after having passed the Ankeny Electrical Homeowner's exam.

179.10 ADDITION - - PERMIT EXPIRATION. Permit Expiration, of the NEC is hereby established by adding the following:

12 Month Expiration Every permit issued under the provisions of this Code shall expire twelve (12) months from the date of issue, unless the application is accompanied by a construction schedule of specific longer duration, in which instance the permit may be issued for the term of the construction schedule, with approval of the building official. If the work has not been completed by the expiration date of the permit, no further work shall be done until the permit shall have been renewed by the owner or his or her agent and by payment of the renewal fee as established by Resolution of the City Council, and provided no changes have been made in plans or location. Upon approval, permits may be extended for no more than two periods not exceeding 180 days each.

179.11 ADDITION - - SCHEDULE OF PERMIT FEES. Schedule of permit fees, of the NEC is hereby established by adding the following:

Schedule of permit fees Permits shall not be issued until the fees, as set forth and established by resolution of the City Council, have been paid to the City of Ankeny. An amended permit or a supplemental permit for additional construction shall not be issued until the permit fee(s) for the additional work has been paid.

179.12 ADDITION - - FEE REFUNDS. Fee refunds, of the NEC is hereby established by adding the following:

Fee refunds The code official is authorized to establish a refund policy in accordance with City policy.

179.13 ADDITION - - STOP WORK ORDER. Stop work order of the NEC is hereby established by adding the following sections:

Stop Work Order

Authority Whenever the building official finds any work regulated by this code being performed in a manner either contrary to the provisions of this code or dangerous or unsafe, the building official is authorized to issue a stop work order.

Issuance The stop work order shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order, and the conditions under which the cited work will be permitted to resume. Where an emergency exists the building official shall not be required to give notice prior to stopping the work

179.14 ARTICLE 210.8 AMENDED - - GROUND FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL. Article 210.8, Ground Fault Circuit-Interrupter Protection for Personnel, of the NEC is hereby amended by deleting paragraph (A) Dwelling Units and there is enacted in lieu thereof the following subsection:

Article 210.8 (A) Dwelling Units All 125-volt, single phase, 15- and 20-ampere receptacles installed in the locations specified in (1) through (8) shall have ground-fault circuit-interrupter protection for personnel.

(1) Bathrooms
(2) Garages, and also accessory buildings that have a floor located at or below grade level not intended as habitable rooms and limited to storage areas, work areas and areas of similar use.
Exception No. 1 to (2): Receptacles that are not readily accessible.
Exceptions No. 2 to (2): A single receptacle or a duplex receptacle for two appliances 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 in accordance with 400.7(A)(6), (A) (7), or (A)(8).
Receptacles installed under the exceptions to 210.8(A)(2) shall not be considered as meeting the requirements of 210.52(G).
(3) Outdoors.

Exception to (3): Receptacles that are not readily accessible and are supplied by a dedicated branch circuit for electric snow-melting or deicing equipment shall be permitted to be installed in accordance with 426.28.

(4) Crawl spaces – at or below grade level.

(5) Unfinished basements – for purposes of this section, unfinished basements are defined as portions or areas of the basement not intended as habitable rooms and limited to storage areas, work areas, and the like.

Exception No. 1 to (5): Receptacles that are not readily accessible.

Exception No. 2 to (5): A single receptacle or a duplex receptacle for two appliances 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 in accordance with 400.7(A)(6), (A) (7), or (A)(8).

Exception No. 3 to (5): A receptacle supplying only a permanently installed fire alarm or burglar alarm system shall not be required to have ground-fault circuit-interrupter protection.

Receptacles installed under the exceptions to 210.8(A)(5) shall not be considered as meeting the requirements of 210.52(G).

(6) Kitchens – where the receptacles are installed to serve the countertop surfaces.

(7) Laundry, utility, and wet bar sinks – where the receptacles are installed within 1.8m (6 ft) of the outside edge of the sink.

(8) Boathouses.

2. Copy. An official copy of the Ankeny Electrical Code hereby adopted, including a certificate by the City Clerk as to its adoption and the effective date thereof, is on file in the office of the City Clerk in City Hall, and shall be kept there on file and copies shall be available for public inspection.

3. Repeal. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

4. Effective date. This ordinance shall be effective August 15, 2010, after its final passage and publication as required by law.

PASSED AND APPROVED this **2nd** day of **AUGUST**, 2010.

Steven D. Van Oort, Mayor

ATTEST:

Pamela DeMouth, City Clerk

PUBLISHED IN THE
DES MOINES REGISTER
ON THE 6th DAY OF AUGUST, 2010

1st Con 7/6/10
2nd Con 7/19/10
3rd Con 8/2/10