

ORDINANCE NO. 15,117

AN ORDINANCE to amend the Municipal Code of the City of Des Moines, Iowa, 2000, adopted by Ordinance No. 13,827, passed June 5, 2000, as heretofore amended, by amending Sections 26-230, 26-400, 26-405, 26-407 and 26-408, and by adding and enacting a new Section 26-410 in the City Building Codes regarding the adoption and amendment of the 2011 edition of the National Electrical Code and the recognition of licensed residential electrical contractors.

BE IT ORDAINED by the City Council of the City of Des Moines, Iowa:

Section 1. That the Municipal Code of the City of Des Moines, Iowa, 2000, adopted by Ordinance No. 13,827, passed June 5, 2000, as amended by Ordinance No. 14,981 passed December 20, 2010, be and is hereby amended by amending Sections 26-230, 26-400, 26-405, 26-407 and 26-408, and by adding and enacting a new Section 26-410 in the City Building Codes regarding the adoption and amendment of the 2011 edition of the National Electrical Code and the recognition of licensed residential electrical contractors, as follows:

Sec. 26-230 Electrical contractor's license.

- (1) Except as provided in section 26-232, only those individuals or business entities holding an electrical contractor license as recognized in this section may apply for and obtain permits to conduct electrical work in the city.
- (2) Any person, firm or business engaged in, or which presents itself as engaging in any electrical systems activity or business within the city, shall present for copying by the building official, all licenses issued by the electrical examining board to any of its workers or employees prior to such workers or employees engaging in such work within the city.
- (3) No new electrical contractor licenses shall be issued by the city.
- (4) Except as otherwise provided in this chapter, no person, firm or business shall engage in, or present itself as engaging in any electrical work or business regulated by article IV of this chapter unless it is one of the following:
 - (a) An electrical contractor licensed as such by the Iowa electrical examining board and is, or employs, a class A master electrician licensed as such by such board.
 - (b) A residential electrical contractor licensed as such by the Iowa electrical examining board and is, or employs, a residential master electrician licensed as such by such board.
- (5) Residential electrical contractors shall be limited to residential electrical work. Residential electrical work is defined as electrical work in buildings that contain no uses other than residential dwellings, no more than four dwelling units; and work

within accessory structures, which are located on the same parcel as the dwelling unit or units, are no greater than 3,000 square feet in floor area, not more than two stories in height, the use of which is not commercial in nature, and is incidental to the use of the dwelling unit or units. For the purpose of this definition, fire walls and property lines will not be considered to create separate buildings when those buildings are attached. Buildings will only be considered separate for purposes of this section when detached.

Sec. 26-400. Adoption of the National Electrical Code.

- (a) This article shall consist of the National Electrical Code, 2011 edition, published by the National Fire Protection Association, commonly known as and referred to in this article as the "National Electrical Code" or "NEC", a copy of which is on file in the office of the city clerk and which is incorporated by this reference in its entirety, except as otherwise indicated in this article.
- (b) This article and all provisions incorporated in this article, by reference or otherwise, shall be known as the electrical code. References to section numbers not preceded by "26-" will be to sections in the National Electrical Code.

Sec. 26-405. Amendments and additions.

- (a) The remaining sections in this article are and represent amendments and additions to the requirements contained in the National Electrical Code (NEC) and where their requirements conflict with those of the NEC the requirements of this article shall prevail.
- (b) The following sections of this article shall be construed in the context of the enumerated chapter of the NEC.

Sec. 26-407. Applicability to moved buildings.

Residential buildings or structures moved into or within the boundaries of the city shall comply with the electrical code in accordance with the City of Des Moines Electrical Residential Update Requirements, as amended from time to time.

Sec. 26-408. Service Entrance Requirements.

- (a) All service entrances in and upon buildings and structures within the city shall be of the class known as "rigid metal conduit or electrical metallic tubing," except as provided in this section.
- (b) Underground service entrances for all buildings except in single-family, two-family, and row dwellings shall be of moisture resistant wire installed in rigid metal conduit or approved non-metallic raceway such as schedule 40 polyvinylchloride or its equivalent.
- (c) Other provisions of this section to the contrary notwithstanding, that portion of an underground service lateral that is installed by an electrical contractor, but is owned and maintained by a business licensed by law to engage in the business of supplying and distributing electricity, may be of a type used by such a business for such an installation.
- (d) All direct burial cable used by the utility company for the purpose of distributing

electrical current within the city, shall be placed and located in the ground a minimum depth of 30” below the proposed final grade. No separation shall be required between electrical conductors and communications conductors when laid in a common trench.

- (e) Underground service entrance risers, to the meter, may be schedule 40 PVC, when not subject to physical damage.

Sec. 26-410. Amendments to ground-fault circuit-interrupter protection requirements.

- (a) Add the following exceptions to section 210.8, paragraph (A), subparagraph (2) of the NEC:
 - (1) Exception No. 1 to (2): Receptacles that are not readily accessible.
 - (2) Exception 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).
 - (3) Receptacles installed under the exceptions to 210.8(A)(2) shall not be considered as meeting the requirements of 210.52(G).
- (b) Add the following exceptions to section 210.8, paragraph (A), subparagraph (5) of the NEC:
 - (1) Exception No. 2 to (5): Receptacles that are not readily accessible.
 - (2) Exception No. 3 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).
- (c) Add the following text to the end of to section 210.8, paragraph (A), subparagraph (5) of the NEC:

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

Sec. 2. This ordinance shall be in full force and effect from and after its passage and publication as provided by law.

FORM APPROVED:

Roger K. Brown, Assistant City Attorney

T. M. Franklin Cownie, Mayor

Attest:

I, Diane Rauh, City Clerk of the City of Des Moines, Iowa, hereby certify that the

above and foregoing is a true copy of an ordinance (Roll Call No. 12-1109), passed by the City Council of said City at a meeting held July 9, 2012 signed by the Mayor on July 9, 2012 and published as provided by law in the Business Record on July 27, 2012. Authorized by Publication Order No. 7924.

Diane Rauh, City Clerk